

Supplement 1

LIST OF ACTIVITIES PREDICTED BY PASS 9.1

N is the number of compounds with the appropriate activity in the PASS training set; IEP is the Invariant Error of Prediction (%) estimated in leave one out cross-validation for the whole training set.

No.	N	IEP	Activity Name
1	6	4.085	(+)-borneol dehydrogenase inhibitor
2	6	4.400	(-)-(4S)-limonene synthase inhibitor
3	5	0.125	(-)-endo-fenchol synthase inhibitor
4	6	22.674	(-)-limonene 3-monooxygenase inhibitor
5	6	22.674	(-)-limonene 6-monooxygenase inhibitor
6	6	22.674	(-)-limonene 7-monooxygenase inhibitor
7	6	5.428	(N-acetylneuraminyl)-galactosylglucosylceramide N-acetylgalactosaminyltransferase inhibitor
8	24	0.466	(R)-3-amino-2-methylpropionate-pyruvate transaminase inhibitor
9	3	7.273	(R)-6-hydroxynicotine oxidase inhibitor
10	8	13.421	(R)-Pantolactone dehydrogenase (flavin) inhibitor
11	10	1.222	(R)-aminopropanol dehydrogenase inhibitor
12	3	0.378	(R)-limonene 6-monooxygenase inhibitor
13	3	0.728	(R,R)-butanediol dehydrogenase inhibitor
14	4	0.505	(S)-2-Methylmalate dehydratase inhibitor
15	28	7.969	(S)-2-hydroxy-acid oxidase inhibitor
16	8	5.558	(S)-3-amino-2-methylpropionate transaminase inhibitor
17	3	1.089	(S)-3-hydroxyacid ester dehydrogenase inhibitor
18	4	5.269	(S)-6-hydroxynicotine oxidase inhibitor
19	10	0.680	(S)-carnitine 3-dehydrogenase inhibitor
20	8	0.004	(S)-methylmalonyl-CoA hydrolase inhibitor
21	5	6.669	1,2-alpha-L-fucosidase inhibitor
22	4	5.282	1,4-Alpha-glucan branching enzyme inhibitor
23	5	7.650	1,4-Lactonase inhibitor
24	9	1.055	1,5-Anhydro-D-fructose reductase inhibitor
25	7	9.089	1-Acylglycerol-3-phosphate O-acyltransferase inhibitor
26	3	0.302	1-Alkyl-2-acetyl glycerol O-acyltransferase inhibitor
27	425	0.462	1-Alkyl-2-acetyl glycerophosphocholine esterase inhibitor
28	24	8.921	1-Alkyl glycerophosphocholine O-acetyltransferase inhibitor
29	11	1.724	1-Aminocyclopropane-1-carboxylate deaminase inhibitor
30	14	16.786	1-Phosphatidylinositol-4-phosphate 5-kinase inhibitor
31	9	1.298	1-Phosphofructokinase inhibitor
32	24	1.505	1-Pyrroline-5-carboxylate dehydrogenase inhibitor
33	797	0.604	11-Beta-hydroxysteroid dehydrogenase 1 inhibitor

No.	N	IEP	Activity Name
34	18	0.083	11-Beta-hydroxysteroid dehydrogenase 2 inhibitor
35	798	0.668	11-Beta-hydroxysteroid dehydrogenase inhibitor
36	4	0.531	11-Cis-retinyl-palmitate hydrolase inhibitor
37	46	0.825	12 Lipoxygenase inhibitor
38	51	1.300	15 Lipoxygenase inhibitor
39	8	3.956	15-Hydroxyprostaglandin-D dehydrogenase (NADP+) inhibitor
40	9	24.988	15-Oxoprostaglandin 13-reductase inhibitor
41	23	0.215	17-Beta-hydroxysteroid dehydrogenase 1 inhibitor
42	7	1.509	2,2-Dialkylglycine decarboxylase (pyruvate) inhibitor
43	5	3.826	2,3,4,5-Tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase inhibitor
44	4	1.787	2,3-Dihydroxyindole 2,3-dioxygenase inhibitor
45	101	0.994	2,3-Oxidosqualene-lanosterol cyclase inhibitor
46	3	1.303	2,4-Diaminopentanoate dehydrogenase inhibitor
47	9	3.330	2,4-Dichlorophenol 6-monoxygenase inhibitor
48	7	1.337	2,5-Dihydroxypyridine 5,6-dioxygenase inhibitor
49	3	2.041	2,6-Dihydroxypyridine 3-monoxygenase inhibitor
50	11	0.143	2-(acetamidomethylene)succinate hydrolase inhibitor
51	18	7.081	2-Acylglycerol O-acyltransferase inhibitor
52	4	0.219	2-Amino-4-hydroxy-6-hydroxymethyl-dihydropteridine diphosphokinase inhibitor
53	6	1.990	2-Aminoadipate transaminase inhibitor
54	9	1.294	2-Aminoethylphosphonate-pyruvate transaminase inhibitor
55	19	2.039	2-Aminohexano-6-lactam racemase inhibitor
56	3	0.007	2-Aminohexanoate transaminase inhibitor
57	5	22.410	2-Chlorobenzoate 1,2-dioxygenase inhibitor
58	4	0.877	2-Dehydro-3-deoxy-L-arabinonate dehydratase inhibitor
59	6	1.107	2-Dehydro-3-deoxy-phosphogluconate aldolase inhibitor
60	7	20.086	2-Dehydropantoate 2-reductase inhibitor
61	3	1.243	2-Dehydropantoate aldolase inhibitor
62	10	1.138	2-Dehydropantolactone reductase (A-specific) inhibitor
63	11	4.341	2-Enoate reductase inhibitor
64	3	0.066	2-Ethylmalate synthase inhibitor
65	6	2.109	2-Haloacid dehalogenase (configuration-inverting) inhibitor
66	3	3.597	2-Haloacid dehalogenase inhibitor
67	3	2.359	2-Hydroxy-3-oxoadipate synthase inhibitor
68	5	1.239	2-Hydroxy-3-oxopropionate reductase inhibitor
69	3	0.003	2-Hydroxyacylsphingosine 1-beta-galactosyltransferase inhibitor
70	7	7.523	2-Hydroxymuconate-semialdehyde hydrolase inhibitor
71	4	20.611	2-Hydroxyquinoline 5,6-dioxygenase inhibitor

No.	N	IEP	Activity Name
72	6	16.704	2-Hydroxyquinoline 8-monooxygenase inhibitor
73	15	0.249	2-Isopropylmalate synthase inhibitor
74	5	2.725	2-Methyl-branched-chain-enoyl-CoA reductase inhibitor
75	7	2.024	2-Methylacyl-CoA dehydrogenase inhibitor
76	4	0.533	2-Methylcitrate dehydratase inhibitor
77	3	2.815	2-Methylcitrate synthase inhibitor
78	9	1.112	2-Methyleneglutarate mutase inhibitor
79	3	1.077	2-Nitrophenol 2-monooxygenase inhibitor
80	21	3.721	2-Nitropropane dioxygenase inhibitor
81	12	1.346	2-Oxoaldehyde dehydrogenase (NAD ⁺) inhibitor
82	3	1.996	2-Oxoaldehyde dehydrogenase (NADP ⁺) inhibitor
83	8	2.222	2-Oxoglutarate decarboxylase inhibitor
84	4	1.064	2-Oxoisovalerate dehydrogenase (acylating) inhibitor
85	20	1.051	2-Pyrocatechuate decarboxylase inhibitor
86	6	18.026	27-Hydroxycholesterol 7 α -monooxygenase inhibitor
87	97	0.030	3 Beta-hydroxy-delta 5-steroid dehydrogenase inhibitor
88	4	0.519	3'(2),5'-Bisphosphate nucleotidase inhibitor
89	4	4.092	3'-Demethylstaurosporine O-methyltransferase inhibitor
90	8	3.011	3'-Nucleotidase inhibitor
91	9	0.892	3(or 17) α -hydroxysteroid dehydrogenase inhibitor
92	31	0.930	3(or 17) β -hydroxysteroid dehydrogenase inhibitor
93	4	1.644	3,4-Dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione 4,5-dioxygenase inhibitor
94	13	0.544	3,4-Dihydroxyphenylacetate 2,3-dioxygenase inhibitor
95	4	0.009	3- α -hydroxysteroid dehydrogenase (B-specific) inhibitor
96	3	0.863	3-Aminobutyryl-CoA ammonia-lyase inhibitor
97	4	1.495	3-Carboxyethylcatechol 2,3-dioxygenase inhibitor
98	4	1.638	3-Chloro-D-alanine dehydrochlorinase inhibitor
99	4	16.892	3-Cyanoalanine hydratase inhibitor
100	10	0.721	3-Dehydroquininate dehydratase inhibitor
101	16	0.689	3-Dehydroquininate synthase inhibitor
102	3	1.699	3-Demethylubiquinone-9 3-O-methyltransferase inhibitor
103	48	1.057	3-Deoxy-7-phosphoheptulonate synthase inhibitor
104	8	0.745	3-Deoxy-8-phosphooctulonate synthase inhibitor
105	3	0.942	3-Galactosyl-N-acetylglucosaminide 4- α -L-fucosyltransferase inhibitor
106	6	2.423	3-Hydroxy-4-oxoquinoline 2,4-dioxygenase inhibitor
107	4	0.767	3-Hydroxyacyl-CoA dehydrogenase inhibitor
108	9	8.887	3-Hydroxyanthranilate 3,4-dioxygenase inhibitor
109	13	2.708	3-Hydroxyanthranilate oxidase inhibitor

No.	N	IEP	Activity Name
110	7	2.298	3-Hydroxybenzoate 4-monooxygenase inhibitor
111	5	16.470	3-Hydroxybenzoate 6-monooxygenase inhibitor
112	25	1.451	3-Hydroxybutyrate dehydrogenase inhibitor
113	3	1.303	3-Hydroxybutyryl-CoA dehydrogenase inhibitor
114	9	1.460	3-Hydroxydecanoyl-[acyl-carrier-protein] dehydratase inhibitor
115	7	0.005	3-Hydroxyisobutyryl-CoA hydrolase inhibitor
116	4	1.135	3-Hydroxyphenylacetate 6-hydroxylase inhibitor
117	8	1.865	3-Isopropylmalate dehydratase inhibitor
118	7	0.649	3-Isopropylmalate dehydrogenase inhibitor
119	4	1.947	3-Ketovalidoxylamine C-N-lyase inhibitor
120	9	0.041	3-Mercaptopyruvate sulfurtransferase inhibitor
121	15	0.633	3-Methyl-2-oxobutanoate dehydrogenase (lipoamide) inhibitor
122	8	2.633	3-Methyl-2-oxobutanoate hydroxymethyltransferase inhibitor
123	9	15.087	3-Methylbutanal reductase inhibitor
124	26	0.958	3-Oxoacid CoA-transferase inhibitor
125	7	0.000	3-Oxoacyl-[acyl-carrier-protein] synthase III inhibitor
126	14	3.864	3-Oxoacyl-[acyl-carrier-protein] synthase inhibitor
127	3	0.997	3-Oxoadipate enol-lactonase inhibitor
128	6	0.758	3-Oxosteroid 1-dehydrogenase inhibitor
129	41	0.349	3-Phosphoshikimate 1-carboxyvinyltransferase inhibitor
130	9	12.265	3-Phytase inhibitor
131	4	0.000	3C-like protease (Human coronavirus) inhibitor
132	16	7.086	4,5-Dihydroxyphthalate decarboxylase inhibitor
133	8	1.149	4-Alpha-glucanotransferase inhibitor
134	9	0.687	4-Carboxymethyl-4-methylbutenolide mutase inhibitor
135	7	3.137	4-Chlorobenzoyl-CoA dehalogenase inhibitor
136	4	1.663	4-Chlorophenylacetate 3,4-dioxygenase inhibitor
137	8	15.348	4-Coumarate-CoA ligase inhibitor
138	17	0.741	4-Hydroxy-2-oxoglutarate aldolase inhibitor
139	11	0.644	4-Hydroxy-4-methyl-2-oxoglutarate aldolase inhibitor
140	3	0.066	4-Hydroxybenzoate 1-hydroxylase inhibitor
141	6	0.033	4-Hydroxybenzoate 3-monooxygenase [NAD(P)H] inhibitor
142	28	1.654	4-Hydroxybenzoate 3-monooxygenase inhibitor
143	7	0.359	4-Hydroxybenzoate decarboxylase inhibitor
144	15	4.436	4-Hydroxybenzoate nonaprenyltransferase inhibitor
145	4	0.291	4-Hydroxybenzoate-CoA ligase inhibitor
146	4	1.898	4-Hydroxyglutamate transaminase inhibitor
147	10	8.612	4-Hydroxymandelate oxidase inhibitor

No.	N	IEP	Activity Name
148	4	0.023	4-Hydroxyphenylacetate 1-monoxygenase inhibitor
149	8	12.831	4-Hydroxyphenylacetate 3-monoxygenase inhibitor
150	18	0.140	4-Hydroxyphenylpyruvate dioxygenase inhibitor
151	8	13.010	4-Hydroxyproline epimerase inhibitor
152	19	11.352	4-Methoxybenzoate monoxygenase (O-demethylating) inhibitor
153	6	18.494	4-Nitrophenol 2-monoxygenase inhibitor
154	49	11.469	4-Nitrophenylphosphatase inhibitor
155	13	1.953	4-Phytase inhibitor
156	6	0.667	4-Pyridoxolactonase inhibitor
157	3	0.249	4a-Hydroxytetrahydrobiopterin dehydratase inhibitor
158	458	2.779	5 Hydroxytryptamine 1 agonist
159	3392	1.058	5 Hydroxytryptamine 1 antagonist
160	283	2.441	5 Hydroxytryptamine 1A agonist
161	2924	0.987	5 Hydroxytryptamine 1A antagonist
162	30	0.867	5 Hydroxytryptamine 1B agonist
163	619	0.803	5 Hydroxytryptamine 1B antagonist
164	137	1.869	5 Hydroxytryptamine 1D agonist
165	615	0.930	5 Hydroxytryptamine 1D antagonist
166	8	1.918	5 Hydroxytryptamine 1E antagonist
167	28	0.407	5 Hydroxytryptamine 1F agonist
168	72	0.915	5 Hydroxytryptamine 1F antagonist
169	420	0.675	5 Hydroxytryptamine 2 agonist
170	2611	1.727	5 Hydroxytryptamine 2 antagonist
171	1537	1.419	5 Hydroxytryptamine 2A antagonist
172	6	7.490	5 Hydroxytryptamine 2B agonist
173	151	1.729	5 Hydroxytryptamine 2B antagonist
174	409	0.460	5 Hydroxytryptamine 2C agonist
175	870	1.071	5 Hydroxytryptamine 2C antagonist
176	22	7.327	5 Hydroxytryptamine 3 agonist
177	1005	0.922	5 Hydroxytryptamine 3 antagonist
178	4	11.780	5 Hydroxytryptamine 3A antagonist
179	88	2.044	5 Hydroxytryptamine 4 agonist
180	300	0.848	5 Hydroxytryptamine 4 antagonist
181	5	10.397	5 Hydroxytryptamine 4A antagonist
182	4	2.377	5 Hydroxytryptamine 4B antagonist
183	4	2.377	5 Hydroxytryptamine 4C antagonist
184	4	2.377	5 Hydroxytryptamine 4D antagonist
185	27	0.509	5 Hydroxytryptamine 4E antagonist

No.	N	IEP	Activity Name
186	45	0.823	5 Hydroxytryptamine 5 antagonist
187	45	0.823	5 Hydroxytryptamine 5A antagonist
188	3	4.616	5 Hydroxytryptamine 6 agonist
189	470	0.537	5 Hydroxytryptamine 6 antagonist
190	315	1.011	5 Hydroxytryptamine 7 antagonist
191	1034	3.049	5 Hydroxytryptamine agonist
192	6848	2.629	5 Hydroxytryptamine antagonist
193	33	12.652	5 Hydroxytryptamine release inhibitor
194	12	11.239	5 Hydroxytryptamine release stimulant
195	2000	1.542	5 Hydroxytryptamine uptake inhibitor
196	95	0.230	5 Lipoxygenase activating protein inhibitor
197	1181	1.454	5 Lipoxygenase inhibitor
198	40	0.707	5'-Nucleotidase inhibitor
199	338	0.454	5-Alpha-reductase 1 inhibitor
200	267	0.935	5-Alpha-reductase 2 inhibitor
201	1320	0.634	5-Alpha-reductase inhibitor
202	25	2.991	5-Aminolevulinate synthase inhibitor
203	7	0.525	5-Aminovalerate transaminase inhibitor
204	11	7.523	5-Formyltetrahydrofolate cyclo-ligase inhibitor
205	8	0.015	5-Guanidino-2-oxopentanoate decarboxylase inhibitor
206	4	0.027	5-Hydroxypentanoate CoA-transferase inhibitor
207	4	0.623	5-Methyltetrahydropteroyltriglutamate-homocysteine S-methyltransferase inhibitor
208	3	13.309	5-O-(4-coumaroyl)-D-quininate 3'-monooxygenase inhibitor
209	8	0.568	5-Oxoprolinase (ATP-hydrolysing) inhibitor
210	47	2.773	6,7-Dihydropteridine reductase inhibitor
211	3	1.448	6-Carboxyhexanoate-CoA ligase inhibitor
212	8	1.287	6-Methylsalicylate decarboxylase inhibitor
213	8	0.337	6-Phospho-beta-glucosidase inhibitor
214	11	0.962	6-Phosphofructo-2-kinase inhibitor
215	4	1.735	6-Pyruvoyltetrahydropterin synthase inhibitor
216	15	3.092	8-Amino-7-oxononanoate synthase inhibitor
217	12	0.027	8-oxodGTPase stimulant
218	61	0.498	ABCA1 expression enhancer
219	18	0.021	ACK1 kinase inhibitor
220	16	0.000	ADAM inhibitor
221	14	0.105	ADAM10 endopeptidase inhibitor
222	373	0.194	ADP ribose polymerase 1 inhibitor
223	3	8.682	ADP ribose polymerase 2 inhibitor

No.	N	IEP	Activity Name
224	545	0.868	ADP ribose polymerase inhibitor
225	9	1.364	ADP-ribose diphosphatase inhibitor
226	6	8.798	ADP-ribosylarginine hydrolase inhibitor
227	5	6.682	ADP-thymidine kinase inhibitor
228	29	3.582	AICAR transformylase inhibitor
229	47	0.041	ALK inhibitor
230	67	0.006	AMP deaminase 2 inhibitor
231	20	0.001	AMP deaminase 3 inhibitor
232	100	1.509	AMP deaminase inhibitor
233	16	1.048	AMP nucleosidase inhibitor
234	284	0.871	AMPA 1 receptor antagonist
235	12	5.292	AMPA 2 receptor antagonist
236	6	7.641	AMPA 3 receptor antagonist
237	6	0.006	AMPA 4 receptor antagonist
238	4	0.000	AMPA 5 receptor antagonist
239	27	2.065	AMPA receptor agonist
240	500	1.450	AMPA receptor antagonist
241	3	9.273	APOA1 expression enhancer
242	24	3.693	ATM kinase inhibitor
243	7	2.087	ATP adenylyltransferase inhibitor
244	36	0.439	ATP citrate lysase inhibitor
245	20	0.576	ATP citrate synthase inhibitor
246	5	0.435	ATP deaminase inhibitor
247	4	0.703	ATP diphosphatase inhibitor
248	13	3.050	ATP phosphoribosyltransferase inhibitor
249	7	10.325	ATP-binding cassette A1 stimulant
250	10	0.012	ATP-dependent RNA helicase inhibitor
251	5	4.040	ATPase (Mitochondrial F1F0) inhibitor
252	71	1.111	ATPase (Vacuolar H ⁺) inhibitor
253	124	8.575	ATPase inhibitor
254	18	12.871	ATPase stimulant
255	16	0.468	AXL receptor tyrosine kinase inhibitor
256	172	3.712	Abl kinase inhibitor
257	33	7.901	Abortion inducer
258	38	6.126	Acaricide
259	11	9.546	Acetate kinase inhibitor
260	23	1.842	Acetate-CoA ligase inhibitor
261	8	0.957	Acetoacetate decarboxylase inhibitor

No.	N	IEP	Activity Name
262	10	0.308	Acetoacetyl-CoA reductase inhibitor
263	15	1.868	Acetoin dehydrogenase inhibitor
264	15	2.260	Acetolactate decarboxylase inhibitor
265	19	0.637	Acetolactate synthase inhibitor
266	9	1.050	Acetyl-CoA C-acyltransferase inhibitor
267	1242	0.906	Acetyl-CoA transferase inhibitor
268	182	3.094	Acetylcholine M1 receptor agonist
269	903	0.766	Acetylcholine M1 receptor antagonist
270	19	3.206	Acetylcholine M2 receptor agonist
271	772	0.839	Acetylcholine M2 receptor antagonist
272	15	0.254	Acetylcholine M3 receptor agonist
273	683	0.664	Acetylcholine M3 receptor antagonist
274	10	6.528	Acetylcholine M4 receptor agonist
275	267	0.300	Acetylcholine M4 receptor antagonist
276	156	0.586	Acetylcholine M5 receptor antagonist
277	376	5.452	Acetylcholine agonist
278	2814	2.573	Acetylcholine antagonist
279	245	3.773	Acetylcholine muscarinic agonist
280	2027	2.010	Acetylcholine muscarinic antagonist
281	67	4.953	Acetylcholine neuromuscular blocking agent
282	96	6.493	Acetylcholine nicotinic agonist
283	826	2.211	Acetylcholine nicotinic antagonist
284	41	16.585	Acetylcholine release stimulant
285	1219	3.137	Acetylcholinesterase inhibitor
286	8	0.002	Acetylcholinesterase stimulant
287	3	1.502	Acetylenecarboxylate hydratase inhibitor
288	7	23.110	Acylesterase inhibitor
289	6	18.934	Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase inhibitor
290	4	21.065	Acetylglutamate kinase inhibitor
291	4	2.139	Acetylmithine deacetylase inhibitor
292	11	10.545	Acetylserotonin O-methyltransferase inhibitor
293	16	5.562	Acetylspermidine deacetylase inhibitor
294	40	5.537	Acid phosphatase inhibitor
295	6	0.289	Acidifying agent gastric
296	8	2.512	Acidifying agent non gastric
297	4	0.580	Aconitate decarboxylase inhibitor
298	22	0.972	Aconitate hydratase inhibitor
299	3	15.509	Acrocyldropepsin inhibitor

No.	N	IEP	Activity Name
300	20	4.431	Acrosin inhibitor
301	13	0.011	Activin receptor-like kinase 4 inhibitor
302	1245	17.585	Acute neurologic disorders treatment
303	19	1.384	Acyl-CoA dehydrogenase (NADP+) inhibitor
304	15	1.014	Acyl-CoA dehydrogenase inhibitor
305	44	2.985	Acyl-CoA hydrolase inhibitor
306	11	9.707	Acyl-CoA oxidase inhibitor
307	3	0.857	Acyl-lysine deacylase inhibitor
308	25	4.798	Acylaminoacyl-peptidase inhibitor
309	3	10.759	Acylcarnitine hydrolase inhibitor
310	10	18.302	Acylglycerol lipase inhibitor
311	6	2.149	Acylglycerone-phosphate reductase inhibitor
312	15	1.994	Acyloxyacyl hydrolase inhibitor
313	13	2.729	Acylphosphatase inhibitor
314	8	0.469	Adamalysin inhibitor
315	10	1.607	Adenine deaminase inhibitor
316	19	3.913	Adenine nucleotide translocase inhibitor
317	23	0.825	Adenine phosphoribosyltransferase inhibitor
318	10	7.038	Adenomatous polyposis treatment
319	63	0.714	Adenosine A1 receptor agonist
320	12	0.003	Adenosine A1 receptor agonist enhancer
321	2125	0.986	Adenosine A1 receptor antagonist
322	45	0.166	Adenosine A2 receptor agonist
323	1788	0.749	Adenosine A2 receptor antagonist
324	5	0.083	Adenosine A2a receptor agonist
325	1287	0.578	Adenosine A2a receptor antagonist
326	397	0.453	Adenosine A2b receptor antagonist
327	70	0.456	Adenosine A3 receptor agonist
328	1217	0.912	Adenosine A3 receptor antagonist
329	162	1.592	Adenosine deaminase inhibitor
330	227	0.486	Adenosine kinase inhibitor
331	185	1.151	Adenosine receptor agonist
332	2799	1.194	Adenosine receptor antagonist
333	13	3.714	Adenosine uptake inhibitor
334	51	0.012	Adenosylhomocysteine nucleosidase inhibitor
335	12	0.061	Adenosylmethionine cyclotransferase inhibitor
336	13	1.734	Adenosylmethionine-8-amino-7-oxononanoate transaminase inhibitor
337	47	0.009	Adenylate cyclase I inhibitor

No.	N	IEP	Activity Name
338	43	0.000	Adenylate cyclase I stimulant
339	8	2.836	Adenylate cyclase V inhibitor
340	121	5.275	Adenylate cyclase inhibitor
341	75	8.989	Adenylate cyclase stimulant
342	23	7.178	Adenylate kinase inhibitor
343	29	0.599	Adenylosuccinate lyase inhibitor
344	60	1.667	Adenylosuccinate synthase inhibitor
345	20	3.606	Adenylyl-sulfate kinase inhibitor
346	5	11.953	Adenylyl-sulfate reductase inhibitor
347	17	2.556	Adenylylsulphatase inhibitor
348	1227	3.186	Adrenaline agonist
349	4070	2.637	Adrenaline antagonist
350	902	1.689	Adrenaline uptake inhibitor
351	2197	3.029	Adrenergic
352	10	1.222	Adrenergic, ophthalmic
353	3	1.201	Aerobactin synthase inhibitor
354	11	1.306	Agaritine gamma-glutamyltransferase inhibitor
355	116	9.945	Age-related macular degeneration treatment
356	104	0.036	Aggrecanase inhibitor
357	7	8.262	Agmatinase inhibitor
358	4	0.000	AgrC-1 protein inhibitor
359	4	0.000	AgrC-2 protein inhibitor
360	10	0.773	Alanine carboxypeptidase inhibitor
361	27	1.604	Alanine dehydrogenase inhibitor
362	12	2.811	Alanine racemase inhibitor
363	18	1.822	Alanine transaminase inhibitor
364	6	3.755	Alanine-tRNA ligase inhibitor
365	3	3.592	Albendazole monooxygenase inhibitor
366	9	11.044	Alcohol O-acetyltransferase inhibitor
367	45	4.866	Alcohol dehydrogenase (NADP+) inhibitor
368	11	13.705	Alcohol dehydrogenase (acceptor) inhibitor
369	14	0.001	Alcohol dehydrogenase I inhibitor
370	16	7.827	Alcohol dehydrogenase [NAD(P)+] inhibitor
371	12	0.003	Alcohol dehydrogenase alpha inhibitor
372	7	0.002	Alcohol dehydrogenase beta 1 inhibitor
373	7	0.002	Alcohol dehydrogenase beta inhibitor
374	6	0.010	Alcohol dehydrogenase gamma 2 inhibitor
375	6	0.010	Alcohol dehydrogenase gamma inhibitor

No.	N	IEP	Activity Name
376	90	4.534	Alcohol dehydrogenase inhibitor
377	42	5.844	Alcohol dehydrogenase substrate
378	17	1.361	Alcohol oxidase inhibitor
379	38	4.691	Aldehyde dehydrogenase (NAD ⁺) inhibitor
380	17	4.372	Aldehyde dehydrogenase (NADP ⁺) inhibitor
381	7	12.580	Aldehyde dehydrogenase (pyrroloquinoline-quinone) inhibitor
382	5	9.815	Aldehyde dehydrogenase 1 substrate
383	30	0.610	Aldehyde dehydrogenase 1A2 inhibitor
384	5	18.202	Aldehyde dehydrogenase 2 substrate
385	3	0.150	Aldehyde dehydrogenase 3 substrate
386	6	17.658	Aldehyde dehydrogenase [NAD(P) ⁺] inhibitor
387	90	4.752	Aldehyde dehydrogenase inhibitor
388	30	4.593	Aldehyde dehydrogenase substrate
389	5	1.407	Aldehyde ferredoxin oxidoreductase inhibitor
390	19	15.742	Aldehyde oxidase inhibitor
391	28	10.043	Aldehyde oxidase substrate
392	31	0.824	Aldose 1-epimerase inhibitor
393	88	0.473	Aldose reductase 2 inhibitor
394	666	1.619	Aldose reductase inhibitor
395	36	8.940	Aldosterone antagonist
396	27	3.700	Alkaline phosphatase inhibitor
397	27	4.543	Alkanal monooxygenase (FMN-linked) inhibitor
398	4	5.699	Alkane 1-monooxygenase inhibitor
399	3	0.989	Alkene monooxygenase inhibitor
400	5	10.832	Alkenylglycerophosphocholine hydrolase inhibitor
401	6	8.421	Alkenylglycerophosphoethanolamine hydrolase inhibitor
402	4	13.905	Alkylacetylgllycerophosphatase inhibitor
403	532	6.136	Alkylator
404	6	2.372	Alkylglycerone-phosphate synthase inhibitor
405	5	3.544	Alkylglycerophosphoethanolamine phosphodiesterase inhibitor
406	8	0.020	Alkylphospholipid
407	4	6.845	All-trans-retinyl-palmitate hydrolase inhibitor
408	3	0.883	Allantoate deiminase inhibitor
409	9	1.475	Allantoicase inhibitor
410	4	1.221	Allantoin racemase inhibitor
411	4	1.002	Allantoinase inhibitor
412	21	20.917	Allergic conjunctivitis treatment
413	177	3.578	Allergic rhinitis treatment

No.	N	IEP	Activity Name
414	5	1.786	Allophanate hydrolase inhibitor
415	6	2.270	Allyl-alcohol dehydrogenase inhibitor
416	6	16.195	Alopecia treatment
417	24	3.267	Alpha 1 adrenoreceptor agonist
418	2761	1.753	Alpha 1 adrenoreceptor antagonist
419	2449	1.255	Alpha 1a adrenoreceptor antagonist
420	564	0.881	Alpha 1b adrenoreceptor antagonist
421	698	0.731	Alpha 1d adrenoreceptor antagonist
422	108	2.758	Alpha 2 adrenoreceptor agonist
423	985	1.725	Alpha 2 adrenoreceptor antagonist
424	209	1.108	Alpha 2a adrenoreceptor antagonist
425	126	1.325	Alpha 2b adrenoreceptor antagonist
426	95	0.677	Alpha 2c adrenoreceptor antagonist
427	72	0.001	Alpha 2d adrenoreceptor antagonist
428	212	4.573	Alpha adrenoreceptor agonist
429	3451	2.627	Alpha adrenoreceptor antagonist
430	4	0.080	Alpha galactosidase inhibitor
431	5	0.010	Alpha glucosidase I inhibitor
432	4	0.002	Alpha glucosidase II inhibitor
433	62	1.729	Alpha glucosidase inhibitor
434	5	0.885	Alpha,alpha-phosphotrehalase inhibitor
435	20	1.905	Alpha,alpha-trehalase inhibitor
436	11	0.811	Alpha,alpha-trehalose phosphorylase (configuration-retaining) inhibitor
437	4	0.216	Alpha,alpha-trehalose phosphorylase inhibitor
438	14	3.819	Alpha,alpha-trehalose-phosphate synthase (UDP-forming) inhibitor
439	11	0.227	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase inhibitor
440	3	0.567	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase inhibitor
441	4	5.365	Alpha-1,6-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase inhibitor
442	5	1.246	Alpha-1,6-mannosyl-glycoprotein 6-beta-N-acetylglucosaminyltransferase inhibitor
443	6	12.406	Alpha-7 nicotinic receptor agonist
444	30	2.053	Alpha-L-fucosidase inhibitor
445	11	0.891	Alpha-L-rhamnosidase inhibitor
446	8	2.786	Alpha-Methylacyl-CoA racemase inhibitor
447	3	0.778	Alpha-N-acetylgalactosaminidase inhibitor
448	17	0.599	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase inhibitor
449	4	2.771	Alpha-N-acetylglucosaminidase inhibitor
450	16	1.193	Alpha-N-acetylneuraminate alpha-2,8-sialyltransferase inhibitor
451	9	2.064	Alpha-N-arabinofuranosidase inhibitor

No.	N	IEP	Activity Name
452	4	0.145	Alpha-amino-acid esterase inhibitor
453	27	5.538	Alpha-amylase inhibitor
454	4	2.701	Alpha-glucuronidase inhibitor
455	41	2.216	Alpha-mannosidase inhibitor
456	8	1.480	Alpha-pinene-oxide decyclase inhibitor
457	4	0.316	Alternansucrase inhibitor
458	7	0.164	Altronate dehydratase inhibitor
459	456	12.266	Alzheimer's disease treatment
460	42	0.968	Amidase inhibitor
461	27	1.441	Amidophosphoribosyltransferase inhibitor
462	10	13.042	Amine dehydrogenase inhibitor
463	82	0.023	Amino acid-polyamine-organocation (APC) transporter antagonist
464	25	1.015	Amino-acid N-acetyltransferase inhibitor
465	6	0.550	Amino-acid racemase inhibitor
466	4	4.329	Aminoacyl-tRNA synthetase inhibitor
467	19	2.347	Aminoacylase inhibitor
468	3	14.606	Aminobutyraldehyde dehydrogenase inhibitor
469	6	1.600	Aminocarboxymuconate-semialdehyde decarboxylase inhibitor
470	15	0.055	Aminoglycoside N6'-acetyltransferase inhibitor
471	26	1.258	Aminolevulinate transaminase inhibitor
472	4	2.445	Aminomuconate-semialdehyde dehydrogenase inhibitor
473	38	0.078	Aminopeptidase A inhibitor
474	35	8.175	Aminopeptidase B inhibitor
475	26	2.102	Aminopeptidase I inhibitor
476	120	2.283	Aminopeptidase N inhibitor
477	8	0.007	Aminopeptidase P inhibitor
478	8	3.203	Aminopeptidase Y inhibitor
479	146	2.226	Aminopeptidase microsomal inhibitor
480	27	0.965	Amylo-alpha-1,6-glucosidase inhibitor
481	20	4.685	Amyloid beta precursor protein antagonist
482	5	0.140	Amylosucrase inhibitor
483	60	20.368	Amyotrophic lateral sclerosis treatment
484	121	4.031	Anabolic
485	131	7.614	Analeptic
486	3562	13.651	Analgesic
487	16	9.032	Analgesic stimulant
488	2101	14.030	Analgesic, non-opioid
489	611	4.807	Analgesic, opioid

No.	N	IEP	Activity Name
490	10	19.957	Anaphylatoxin receptor antagonist
491	98	2.388	Androgen agonist
492	644	2.497	Androgen antagonist
493	9	0.835	Androst-4-ene-3,17-dione monooxygenase inhibitor
494	494	5.650	Anesthetic
495	53	9.030	Anesthetic general
496	20	1.427	Anesthetic inhalation
497	420	4.521	Anesthetic local
498	4000	8.468	Angiogenesis inhibitor
499	9	2.600	Angiogenesis stimulant
500	2149	0.532	Angiotensin AT1 receptor antagonist
501	4	0.000	Angiotensin AT1A receptor antagonist
502	412	0.239	Angiotensin AT2 receptor antagonist
503	2342	0.538	Angiotensin II receptor antagonist
504	4	0.051	Angiotensin agonist
505	2346	0.629	Angiotensin antagonist
506	451	1.724	Angiotensin converting enzyme inhibitor
507	4	0.504	Anhydrotetracycline monooxygenase inhibitor
508	7	25.484	Ankylosing spondylitis treatment
509	11	4.638	Anthranilate 3-monooxygenase (deaminating) inhibitor
510	5	0.454	Anthranilate phosphoribosyltransferase inhibitor
511	23	1.838	Anthranilate synthase inhibitor
512	4	2.402	Anthranilate-CoA ligase inhibitor
513	135	11.177	Anti-Helicobacter pylori
514	969	2.538	Antiacne
515	16	0.852	Antiacromegalic
516	4141	2.902	Antiadrenergic
517	73	10.170	Antialcoholic
518	5359	11.360	Antiallergic
519	101	13.775	Antiamyloidogenic
520	46	21.494	Antianemic
521	976	15.469	Antianginal
522	37	4.477	Antianorexic
523	1111	8.847	Antiarrhythmic
524	8228	12.859	Antiarthritic
525	5876	11.346	Antiasthmatic
526	5843	6.863	Antibacterial
527	10	17.935	Antibacterial, ophthalmic

No.	N	IEP	Activity Name
528	3721	3.063	Antibiotic
529	61	2.382	Antibiotic Aminoglycoside-like
530	70	0.529	Antibiotic Anthracycline-like
531	27	0.042	Antibiotic Carbacephem-like
532	270	0.056	Antibiotic Carbapenem-like
533	530	0.209	Antibiotic Cephalosporin-like
534	34	2.394	Antibiotic Glycopeptide-like
535	9	0.004	Antibiotic Isocephem-like
536	460	0.186	Antibiotic Macrolide-like
537	49	2.036	Antibiotic Naphthyridine-like
538	12	0.144	Antibiotic Oxacephem-like
539	156	0.020	Antibiotic Oxazolidinone-like
540	50	0.118	Antibiotic Penem-like
541	75	0.024	Antibiotic Penicillin-like
542	428	0.610	Antibiotic Quinolone-like
543	25	0.009	Antibiotic Rifamycin-like
544	35	0.884	Antibiotic Tetracycline-like
545	20	0.001	Antibiotic Tribactam-like
546	11	0.048	Antibiotic Trimethoprim-like
547	1126	0.394	Antibiotic beta Lactam-like
548	15	7.016	Anticarcinogenic
549	42	4.877	Anticataract
550	19	4.704	Anticholelithogenic
551	2722	7.782	Anticoagulant
552	1228	11.861	Anticonvulsant
553	2538	10.594	Antidepressant
554	87	4.462	Antidepressant, Imipramin-like
555	7372	8.601	Antidiabetic
556	2209	3.124	Antidiabetic (type 2)
557	600	11.563	Antidiabetic symptomatic
558	100	23.899	Antidiarrheal
559	6	8.303	Antidiuretic hormone agonist
560	620	0.414	Antidiuretic hormone antagonist
561	88	7.751	Antidote
562	3	0.004	Antidote, cholinesterase reactivator
563	4	3.676	Antidote, cyanide
564	3	0.001	Antidote, folic acid antagonists
565	6	7.941	Antidote, heavy metal

No.	N	IEP	Activity Name
566	8	0.000	Antidote, organophosphates
567	22	21.062	Antidyskinetic
568	149	19.135	Antieczematic atopic
569	504	6.349	Antiemetic
570	188	6.480	Antiemphysemic
571	369	14.950	Antiepileptic
572	6	0.153	Antifibrinolytic
573	1819	8.618	Antifungal
574	12	10.608	Antifungal, Pneumocystis
575	548	7.824	Antiglaucomic
576	451	7.433	Antihelmintic
577	10	1.330	Antihelmintic (Fasciola)
578	50	16.575	Antihelmintic (Nematodes)
579	23	16.226	Antihematotoxic
580	25	2.309	Antihemorrhagic
581	2518	4.852	Antihistaminic
582	39	0.055	Antihyperaldosteronism
583	3	0.325	Antihyperammonemic
584	254	9.831	Antihypercholesterolemic
585	83	7.559	Antihyperlipoproteinemic
586	13	13.622	Antihypermotility
587	5064	11.767	Antihypertensive
588	25	10.280	Antihypertriglyceridemic
589	38	14.674	Antihypoxic
590	163	9.768	Antiinfective
591	60	6.546	Antiinfertility, female
592	3595	15.302	Antiinflammatory
593	3	0.755	Antiinflammatory Leumedin-like
594	12	0.128	Antiinflammatory steroid
595	20	15.260	Antiinflammatory, intestinal
596	29	12.846	Antiinflammatory, ophthalmic
597	5	20.321	Antiinflammatory, pancreatic
598	717	19.244	Antiischemic
599	468	20.787	Antiischemic, cerebral
600	44	4.003	Antileprosy
601	267	11.858	Antileukemic
602	713	1.502	Antimetabolite
603	11	24.936	Antimetastatic

No.	N	IEP	Activity Name
604	536	11.017	Antimigraine
605	2742	4.157	Antimitotic
606	41	0.046	Antimitotic Podophyllotoxin-like
607	136	0.423	Antimitotic Taxane-like
608	14	6.207	Antimutagenic
609	495	10.301	Antimycobacterial
610	36	5.648	Antimycoplasmal
611	8	21.363	Antimyopathies
612	29899	12.511	Antineoplastic
613	12	26.164	Antineoplastic (bone cancer)
614	102	24.257	Antineoplastic (brain cancer)
615	652	10.061	Antineoplastic (breast cancer)
616	233	15.506	Antineoplastic (colorectal cancer)
617	37	22.269	Antineoplastic (gastric cancer)
618	57	27.582	Antineoplastic (hematological cancer)
619	54	27.254	Antineoplastic (lung cancer)
620	58	25.709	Antineoplastic (lymphocytic leukemia)
621	81	27.673	Antineoplastic (lymphoma)
622	137	21.633	Antineoplastic (melanoma)
623	92	21.466	Antineoplastic (multiple myeloma)
624	91	29.297	Antineoplastic (myeloid leukemia)
625	56	22.321	Antineoplastic (non-Hodgkin's lymphoma)
626	129	26.421	Antineoplastic (non-small cell lung cancer)
627	107	29.152	Antineoplastic (ovarian cancer)
628	115	23.237	Antineoplastic (pancreatic cancer)
629	40	28.799	Antineoplastic (sarcoma)
630	36	24.602	Antineoplastic (small cell lung cancer)
631	597	13.617	Antineoplastic (solid tumors)
632	57	4.776	Antineoplastic alkaloid
633	1637	2.184	Antineoplastic antibiotic
634	176	6.402	Antineoplastic antimetabolite
635	669	9.240	Antineoplastic enhancer
636	141	3.466	Antineoplastic, alkylator
637	114	14.099	Antinephritic
638	172	16.482	Antineurogenic pain
639	48	18.557	Antineurotic
640	11	21.746	Antineurotoxic
641	19	8.523	Antinociceptive

No.	N	IEP	Activity Name
642	5113	6.964	Antiobesity
643	1415	7.444	Antiosteoporotic
644	390	7.790	Antioxidant
645	576	7.701	Antiparasitic
646	956	12.480	Antiparkinsonian
647	37	8.126	Antiparkinsonian, rigidity relieving
648	114	6.289	Antiparkinsonian, tremor relieving
649	12	4.674	Antiperistaltic
650	4	0.532	Antiperspirant
651	1175	9.732	Antiprotozoal
652	88	12.143	Antiprotozoal (Amoeba)
653	6	1.936	Antiprotozoal (Babesia)
654	115	6.765	Antiprotozoal (Coccidial)
655	7	0.330	Antiprotozoal (Histomonas)
656	72	17.513	Antiprotozoal (Leishmania)
657	406	8.600	Antiprotozoal (Plasmodium)
658	20	9.071	Antiprotozoal (Toxoplasma)
659	88	9.007	Antiprotozoal (Trichomonas)
660	138	13.788	Antiprotozoal (Trypanosoma)
661	5	0.000	Antiprotozoal activity enhancer
662	241	15.842	Antipruritic
663	162	17.032	Antipruritic, allergic
664	75	8.154	Antipruritic, non-allergic
665	1282	9.756	Antipsoriatic
666	2406	7.575	Antipsychotic
667	344	8.059	Antipyretic
668	18	6.669	Antirickettsial
669	44	6.617	Antischistosomal
670	11	11.209	Antiseborrheic
671	186	9.939	Antisecretoric
672	213	3.605	Antiseptic
673	49	6.317	Antismoking
674	36	4.072	Antispirochetal
675	21	13.970	Antithrombocytopenic
676	535	15.019	Antithrombotic
677	6	20.256	Antithyroid
678	126	13.101	Antitoxic
679	12	6.587	Antitreponemal

No.	N	IEP	Activity Name
680	301	10.135	Antituberculosic
681	223	7.476	Antitussive
682	35	3.300	Antitussive, narcotic
683	864	11.964	Antiulcerative
684	39	7.142	Antiuremic
685	71	17.480	Antiurolithic
686	8441	8.223	Antiviral
687	19	13.642	Antiviral (Adenovirus)
688	19	21.812	Antiviral (Arbovirus)
689	12	16.914	Antiviral (CMV)
690	5916	5.172	Antiviral (HIV)
691	20	13.997	Antiviral (Hepatitis B)
692	563	3.605	Antiviral (Hepatitis C)
693	669	4.642	Antiviral (Hepatitis)
694	118	12.842	Antiviral (Herpes)
695	102	12.286	Antiviral (Influenza)
696	7	15.215	Antiviral (Papilloma)
697	31	20.726	Antiviral (Picornavirus)
698	40	11.164	Antiviral (Poxvirus)
699	12	5.312	Antiviral (RSV)
700	12	1.466	Antiviral (Trachoma)
701	3	0.000	Antixerophthalmic
702	2548	11.305	Anxiolytic
703	20	0.003	Apical sodium codependent bile acid transporter inhibitor
704	71	0.009	Apolipoprotein A inhibitor
705	1503	11.663	Apoptosis agonist
706	403	7.798	Apoptosis antagonist
707	17	19.852	Apyrase inhibitor
708	4	0.263	Arabinogalactan endo-1,4-beta-galactosidase inhibitor
709	7	0.957	Arabinose isomerase inhibitor
710	3	2.006	Arabinose-5-phosphate isomerase inhibitor
711	7	0.182	Arachidonate-CoA ligase inhibitor
712	97	6.249	Arachidonic acid antagonist
713	14	2.061	Aralkylamine N-acetyltransferase inhibitor
714	6	0.098	Aralkylamine dehydrogenase inhibitor
715	33	1.119	Arginase inhibitor
716	4	12.474	Arginine 2-monooxygenase inhibitor
717	3	0.041	Arginine N-succinyltransferase inhibitor

No.	N	IEP	Activity Name
718	38	1.988	Arginine decarboxylase inhibitor
719	22	5.775	Arginine deiminase inhibitor
720	12	0.709	Arginine kinase inhibitor
721	3	0.101	Arginine racemase inhibitor
722	17	0.844	Arginine-tRNA ligase inhibitor
723	10	0.986	Argininosuccinate lyase inhibitor
724	21	1.650	Argininosuccinate synthase inhibitor
725	6	0.912	Arginyltransferase inhibitor
726	947	0.772	Aromatase inhibitor
727	14	1.425	Aromatic-amino-acid transaminase inhibitor
728	7	15.137	Aromatic-hydroxylamine O-acetyltransferase inhibitor
729	311	18.449	Arrhythmogenic
730	54	0.879	Aryl hydrocarbon receptor antagonist
731	30	5.471	Aryl sulfotransferase inhibitor
732	43	7.059	Aryl-acylamidase inhibitor
733	7	1.763	Aryl-alcohol dehydrogenase (NADP+) inhibitor
734	10	1.716	Aryl-alcohol dehydrogenase inhibitor
735	6	1.325	Aryl-aldehyde dehydrogenase (NADP+) inhibitor
736	11	4.518	Arylacetonitrilase inhibitor
737	6	1.424	Arylalkyl acylamidase inhibitor
738	29	4.252	Arylamine N-Acetyltransferase substrate
739	24	5.318	Arylamine N-acetyltransferase inhibitor
740	5	2.152	Aryldialkylphosphatase inhibitor
741	9	7.710	Arylesterase inhibitor
742	28	2.032	Arylformamidase inhibitor
743	3	3.399	Arylmalonate decarboxylase inhibitor
744	23	3.023	Arylsulfatase inhibitor
745	7	10.141	Arylsulfate sulfotransferase inhibitor
746	19	4.149	Asparaginase inhibitor
747	81	0.926	Asparagine synthase (glutamine-hydrolysing) inhibitor
748	3	0.237	Asparagine synthetase inhibitor
749	17	0.755	Asparagine-oxo-acid transaminase inhibitor
750	6	1.356	Asparagine-tRNA ligase inhibitor
751	12	2.764	Asparaginyl endopeptidase inhibitor
752	7	0.599	Aspartate 1-decarboxylase inhibitor
753	19	2.065	Aspartate 4-decarboxylase inhibitor
754	3	0.011	Aspartate N-acetyltransferase inhibitor
755	26	0.780	Aspartate ammonia-lyase inhibitor

No.	N	IEP	Activity Name
756	24	2.014	Aspartate carbamoyltransferase inhibitor
757	24	5.471	Aspartate kinase inhibitor
758	4	0.717	Aspartate racemase inhibitor
759	21	2.138	Aspartate transaminase inhibitor
760	4	0.947	Aspartate-ammonia ligase (ADP-forming) inhibitor
761	3	3.355	Aspartate-ammonia ligase inhibitor
762	4	14.099	Aspartate-phenylpyruvate transaminase inhibitor
763	14	8.176	Aspartate-semialdehyde dehydrogenase inhibitor
764	6	1.943	Aspartate-tRNA ligase inhibitor
765	4	2.141	Aspartoacylase inhibitor
766	8	1.583	Aspartyl aminopeptidase inhibitor
767	4	17.850	Aspartyltransferase inhibitor
768	8	8.654	Aspergillopepsin I inhibitor
769	4	5.978	Aspergillopepsin II inhibitor
770	8	6.802	Aspergillus nuclease S1 inhibitor
771	7	0.717	Assemblin inhibitor
772	19	1.926	Astacin inhibitor
773	14	2.721	Astringent
774	1439	12.740	Atherosclerosis treatment
775	7	5.747	Atrial natriuretic peptide agonist
776	11	6.469	Atrolysin A inhibitor
777	10	2.819	Atrolysin C inhibitor
778	167	1.349	Attention deficit/hyperactivity disorder treatment
779	4	2.083	Aureolysin inhibitor
780	601	0.774	Aurora kinase inhibitor
781	257	0.640	Aurora-A kinase inhibitor
782	281	0.499	Aurora-B kinase inhibitor
783	7	7.492	Aurora-C kinase inhibitor
784	1848	12.532	Autoimmune disorders treatment
785	5	1.683	Azobenzene reductase inhibitor
786	6	0.555	Bacillus subtilis ribonuclease inhibitor
787	29	0.900	Bacterial leucyl aminopeptidase inhibitor
788	55	0.191	Baculoviral IAP repeat-containing protein 4 inhibitor
789	90	0.417	Baculoviral IAP repeat-containing protein inhibitor
790	8	0.001	Bax channel antagonist
791	48	7.915	Bcl-xL inhibitor
792	72	8.826	Bcl2 antagonist
793	68	3.671	Bcr-Abl kinase inhibitor

No.	N	IEP	Activity Name
794	8	0.703	Benzaldehyde dehydrogenase (NAD ⁺) inhibitor
795	3	2.852	Benzaldehyde dehydrogenase (NADP ⁺) inhibitor
796	19	6.732	Benzoate 4-monoxygenase inhibitor
797	6	12.837	Benzoate-CoA ligase inhibitor
798	174	3.749	Benzodiazepine agonist
799	39	3.736	Benzodiazepine agonist partial
800	394	1.083	Benzodiazepine antagonist
801	18	5.187	Benzodiazepine inverse agonist
802	6	24.463	Benzodiazepine omega receptor agonist
803	369	0.217	Benzodiazepine receptor peripheral-type antagonist
804	9	10.909	Benzoylformate decarboxylase inhibitor
805	43	2.928	Beta 1 adrenoreceptor agonist
806	255	0.708	Beta 1 adrenoreceptor antagonist
807	104	2.197	Beta 2 adrenoreceptor agonist
808	227	0.330	Beta 2 adrenoreceptor antagonist
809	765	0.290	Beta 3 adrenoreceptor agonist
810	21	0.117	Beta 3 adrenoreceptor antagonist
811	1012	1.626	Beta adrenoreceptor agonist
812	655	1.962	Beta adrenoreceptor antagonist
813	45	6.328	Beta amyloid protein antagonist
814	61	1.079	Beta galactosidase inhibitor
815	12	0.940	Beta glucosidase inhibitor
816	13	3.252	Beta glucuronidase inhibitor
817	10	0.000	Beta lactamase II inhibitor
818	5	0.139	Beta lactamase Imi-1 inhibitor
819	42	0.094	Beta lactamase TEM-1 inhibitor
820	236	3.026	Beta lactamase inhibitor
821	5	13.682	Beta tubulin antagonist
822	13	0.857	Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase inhibitor
823	20	1.373	Beta-D-fucosidase inhibitor
824	4	0.291	Beta-Lysine 5,6-aminomutase inhibitor
825	3	2.068	Beta-N-acetylgalactosaminidase inhibitor
826	43	2.303	Beta-N-acetylhexosaminidase inhibitor
827	5	0.191	Beta-Phosphoglucomutase inhibitor
828	22	17.472	Beta-adrenergic receptor kinase inhibitor
829	3	1.572	Beta-alanine-pyruvate transaminase inhibitor
830	9	0.831	Beta-amylase inhibitor
831	17	6.963	Beta-carotene 15,15'-monoxygenase inhibitor

No.	N	IEP	Activity Name
832	7	2.057	Beta-cyclopiazonate dehydrogenase inhibitor
833	43	1.186	Beta-fructofuranosidase inhibitor
834	9	0.312	Beta-galactoside alpha-2,3-sialyltransferase inhibitor
835	46	1.558	Beta-glucosidase inhibitor
836	9	2.052	Beta-mannosidase inhibitor
837	16	3.600	Beta-ureidopropionase inhibitor
838	23	1.023	Betaine-aldehyde dehydrogenase inhibitor
839	11	0.229	Betaine-homocysteine S-methyltransferase inhibitor
840	4	1.844	Bile-salt sulfotransferase inhibitor
841	25	14.748	Biliary tract disorders treatment
842	9	9.605	Bilirubin oxidase inhibitor
843	11	0.931	Biliverdin reductase inhibitor
844	4	1.889	Biotin carboxylase inhibitor
845	3	1.448	Biotin-CoA ligase inhibitor
846	4	0.067	Biotin-[methylmalonyl-CoA-carboxytransferase] ligase inhibitor
847	3	2.741	Biotin-[propionyl-CoA-carboxylase (ATP-hydrolysing)] ligase inhibitor
848	8	17.729	Biotinidase inhibitor
849	15	1.065	Biphenyl-2,3-diol 1,2-dioxygenase inhibitor
850	42	6.173	Bipolar disorder treatment
851	4	1.377	Bis(5'-adenosyl)-triphosphatase inhibitor
852	12	0.601	Bis(5'-nucleosyl)-tetrphosphatase (asymmetrical) inhibitor
853	11	0.515	Bis(5'-nucleosyl)-tetrphosphatase (symmetrical) inhibitor
854	4	2.029	Bisphosphoglycerate mutase inhibitor
855	5	3.768	Bisphosphoglycerate phosphatase inhibitor
856	70	0.054	Bisphosphonate
857	4	2.871	Blasticidin-S deaminase inhibitor
858	121	0.573	Bombesin antagonist
859	1771	7.702	Bone diseases treatment
860	451	8.808	Bone formation stimulant
861	136	0.006	Bone morphogenic protein 1 inhibitor
862	136	0.006	Bone morphogenic protein inhibitor
863	6	6.094	Bontoxilysin inhibitor
864	3	2.211	Bothrolysin inhibitor
865	8	0.000	Botulinum neurotoxin type B inhibitor
866	8	2.689	Brachyurin inhibitor
867	94	0.618	Bradykinin B1 receptor antagonist
868	3	0.005	Bradykinin B2 receptor agonist
869	359	0.147	Bradykinin B2 receptor antagonist

No.	N	IEP	Activity Name
870	3	0.005	Bradykinin agonist
871	461	0.940	Bradykinin antagonist
872	19	0.735	Branched-chain-amino-acid transaminase inhibitor
873	52	24.028	Bronchoconstrictor
874	1434	6.154	Bronchodilator
875	39	4.668	Bruton tyrosine kinase inhibitor
876	10	1.671	Butyrate-CoA ligase inhibitor
877	9	0.553	Butyryl-CoA dehydrogenase inhibitor
878	319	0.764	Butyrylcholinesterase inhibitor
879	129	0.017	CC chemokine 1 receptor antagonist
880	23	11.828	CC chemokine 2 receptor antagonist
881	191	0.500	CC chemokine 3 receptor antagonist
882	6	10.927	CC chemokine 4 receptor antagonist
883	8	20.471	CC chemokine 5 receptor antagonist
884	338	2.847	CC chemokine receptor antagonist
885	72	1.374	CD45 antagonist
886	76	0.000	CD80 antagonist
887	35	1.277	CDC25 phosphatase inhibitor
888	69	2.109	CDC25A inhibitor
889	56	2.486	CDC25B inhibitor
890	26	0.254	CDC25C inhibitor
891	35	0.368	CDC7 inhibitor
892	1179	2.230	CDK/Cyclin complex inhibitor
893	312	1.207	CDK1/cyclin B inhibitor
894	432	3.565	CDK2/cyclin A inhibitor
895	30	0.008	CDK2/cyclin A3 inhibitor
896	455	0.396	CDK2/cyclin E inhibitor
897	5	0.000	CDK2/cyclin E2 inhibitor
898	426	0.492	CDK4/cyclin D inhibitor
899	250	1.322	CDK4/cyclin D1 inhibitor
900	7	0.002	CDK4/cyclin D3 inhibitor
901	47	3.379	CDK5/p25 inhibitor
902	9	24.055	CDK9/cyclin T1 inhibitor
903	4	1.769	CDP-4-dehydro-6-deoxyglucose reductase inhibitor
904	6	0.126	CDP-diacylglycerol diphosphatase inhibitor
905	3	2.857	CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase inhibitor
906	17	7.802	CDP-diacylglycerol-inositol 3-phosphatidyltransferase inhibitor
907	6	10.904	CDP-diacylglycerol-serine O-phosphatidyltransferase inhibitor

No.	N	IEP	Activity Name
908	6	0.013	CDP-glycerol diphosphatase inhibitor
909	6	16.021	CDP-glycerol glycerophosphotransferase inhibitor
910	5	22.696	CDP-ribitol ribitolphosphotransferase inhibitor
911	4	7.112	CF transmembrane conductance regulator agonist
912	3	0.125	CMP-KDO synthase inhibitor
913	13	3.565	CMP-N-acetylneuramate monooxygenase inhibitor
914	23	1.956	CMP-N-acylneuramate phosphodiesterase inhibitor
915	140	3.645	CNS active muscle relaxant
916	3	0.000	CO-methylating acetyl-CoA synthase inhibitor
917	3	0.101	CPB protease inhibitor
918	12	2.162	CTP synthase inhibitor
919	6	23.749	CXC chemokine 1 receptor antagonist
920	41	1.916	CXC chemokine 2 receptor antagonist
921	11	4.144	CXC chemokine 4 receptor antagonist
922	333	0.007	CXC chemokine 5 receptor antagonist
923	17	0.001	CXC chemokine L1/GRO-alpha antagonist
924	444	1.016	CXC chemokine receptor antagonist
925	664	12.483	CYP1 substrate
926	7	0.002	CYP11B substrate
927	56	4.230	CYP11B1 inhibitor
928	3	0.005	CYP11B1 substrate
929	49	0.481	CYP11B2 inhibitor
930	6	0.003	CYP11B2 substrate
931	7	6.321	CYP17 inhibitor
932	10	1.674	CYP17 substrate
933	4	0.018	CYP17A substrate
934	3	0.000	CYP19 inducer
935	43	3.854	CYP19 inhibitor
936	23	2.989	CYP19 substrate
937	3	0.000	CYP19A1 expression inhibitor
938	12	0.005	CYP19A1 substrate
939	45	8.824	CYP1A inducer
940	200	11.462	CYP1A inhibitor
941	651	12.524	CYP1A substrate
942	30	4.106	CYP1A1 inducer
943	70	7.656	CYP1A1 inhibitor
944	347	9.406	CYP1A1 substrate
945	10	0.000	CYP1A1* substrate

No.	N	IEP	Activity Name
946	24	11.620	CYP1A2 inducer
947	177	11.684	CYP1A2 inhibitor
948	502	13.353	CYP1A2 substrate
949	5	0.497	CYP1A3 substrate
950	86	7.365	CYP1B substrate
951	9	0.095	CYP1B1 inducer
952	48	3.423	CYP1B1 inhibitor
953	84	6.291	CYP1B1 substrate
954	1222	13.124	CYP2 substrate
955	9	10.759	CYP24 inhibitor
956	23	5.859	CYP24 substrate
957	4	0.105	CYP24A1 substrate
958	14	3.290	CYP26 inhibitor
959	4	7.408	CYP26 substrate
960	4	7.408	CYP26A substrate
961	15	1.825	CYP27 substrate
962	12	2.360	CYP27A substrate
963	8	0.012	CYP27A1 substrate
964	252	14.608	CYP2A substrate
965	18	19.037	CYP2A1 substrate
966	4	2.350	CYP2A10 substrate
967	3	2.690	CYP2A11 substrate
968	3	0.044	CYP2A13 substrate
969	8	4.887	CYP2A2 substrate
970	14	4.504	CYP2A3 substrate
971	3	10.354	CYP2A4 substrate
972	13	0.304	CYP2A5 inhibitor
973	8	7.072	CYP2A5 substrate
974	49	6.254	CYP2A6 inhibitor
975	223	15.359	CYP2A6 substrate
976	3	4.932	CYP2A8 substrate
977	468	9.873	CYP2B substrate
978	182	6.203	CYP2B1 substrate
979	3	14.855	CYP2B10 substrate
980	10	8.025	CYP2B11 substrate
981	4	14.220	CYP2B18 substrate
982	78	10.003	CYP2B2 substrate
983	37	1.685	CYP2B4 substrate

No.	N	IEP	Activity Name
984	3	5.404	CYP2B5 substrate
985	38	23.358	CYP2B6 inhibitor
986	236	12.928	CYP2B6 substrate
987	621	15.223	CYP2C substrate
988	18	7.731	CYP2C10 substrate
989	92	11.307	CYP2C11 substrate
990	11	24.293	CYP2C12 substrate
991	13	1.892	CYP2C18 inhibitor
992	38	9.775	CYP2C18 substrate
993	6	20.607	CYP2C19 inducer
994	126	12.271	CYP2C19 inhibitor
995	295	14.078	CYP2C19 substrate
996	5	4.949	CYP2C2 substrate
997	5	17.882	CYP2C29 substrate
998	6	14.261	CYP2C3 substrate
999	55	11.126	CYP2C6 substrate
1000	9	3.096	CYP2C8 inducer
1001	39	19.704	CYP2C8 inhibitor
1002	198	16.824	CYP2C8 substrate
1003	24	20.681	CYP2C9 inducer
1004	193	11.922	CYP2C9 inhibitor
1005	382	16.183	CYP2C9 substrate
1006	10	10.709	CYP2C9-Arg substrate
1007	6	11.739	CYP2C9-Cys substrate
1008	6	20.531	CYP2C9-Cys144 substrate
1009	502	13.617	CYP2D substrate
1010	38	6.603	CYP2D1 substrate
1011	5	19.373	CYP2D15 substrate
1012	3	9.369	CYP2D16 substrate
1013	5	10.944	CYP2D2 inhibitor
1014	223	10.907	CYP2D6 inhibitor
1015	476	13.747	CYP2D6 substrate
1016	10	19.618	CYP2D6-Val substrate
1017	415	10.275	CYP2E substrate
1018	13	12.702	CYP2E1 inducer
1019	61	5.330	CYP2E1 inhibitor
1020	407	10.233	CYP2E1 substrate
1021	8	6.126	CYP2F1 substrate

No.	N	IEP	Activity Name
1022	11	4.215	CYP2G1 substrate
1023	4	16.310	CYP2J substrate
1024	4	16.310	CYP2J2 substrate
1025	75	12.347	CYP3A inducer
1026	8	12.970	CYP3A inhibitor
1027	1085	15.153	CYP3A substrate
1028	52	18.422	CYP3A1 substrate
1029	4	0.117	CYP3A11 substrate
1030	63	20.897	CYP3A2 substrate
1031	36	15.294	CYP3A3 substrate
1032	71	12.856	CYP3A4 inducer
1033	300	13.913	CYP3A4 inhibitor
1034	906	15.645	CYP3A4 substrate
1035	4	2.949	CYP3A5 inducer
1036	142	16.243	CYP3A5 substrate
1037	48	13.862	CYP3A7 substrate
1038	7	1.577	CYP3C substrate
1039	76	8.448	CYP4 substrate
1040	39	13.662	CYP4A substrate
1041	8	1.138	CYP4A1 substrate
1042	17	14.022	CYP4A11 substrate
1043	4	3.238	CYP4A2 substrate
1044	16	5.845	CYP4B substrate
1045	15	5.847	CYP4B1 substrate
1046	25	2.037	CYP4F substrate
1047	7	4.115	CYP4F12 substrate
1048	32	0.009	CYP4F2 inhibitor
1049	13	4.217	CYP4F2 substrate
1050	10	0.009	CYP4F3 substrate
1051	4	0.043	CYP4F8 substrate
1052	6	0.198	CYP51 inhibitor
1053	7	18.406	CYP7 inhibitor
1054	8	0.012	CYP7 substrate
1055	3	0.045	CYP7A1 inhibitor
1056	5	0.005	CYP7A1 substrate
1057	4	0.046	CYP7B1 substrate
1058	12	14.790	Ca ²⁺ -transporting ATPase inhibitor
1059	9	4.169	Ca ²⁺ /calmodulin-dependent kinase I inhibitor

No.	N	IEP	Activity Name
1060	41	5.262	Ca ²⁺ /calmodulin-dependent kinase II inhibitor
1061	54	6.867	Ca ²⁺ /calmodulin-dependent protein kinase inhibitor
1062	30	13.703	Cachexia treatment
1063	3	0.042	Cadherin antagonist
1064	12	0.026	Calcineurin inhibitor
1065	33	2.576	Calcitonin gene-related peptide 1 receptor antagonist
1066	94	1.091	Calcitonin gene-related peptide antagonist
1067	7	8.034	Calcitonin stimulant
1068	111	3.257	Calcium antagonist
1069	952	0.596	Calcium channel (voltage-sensitive) antagonist
1070	897	0.531	Calcium channel L-type antagonist
1071	54	0.011	Calcium channel N-type antagonist
1072	38	0.495	Calcium channel T-type antagonist
1073	34	11.434	Calcium channel agonist
1074	1540	3.537	Calcium channel antagonist
1075	291	12.296	Calcium regulator
1076	30	22.930	Calmodulin antagonist
1077	234	0.036	Calpain I inhibitor
1078	169	0.052	Calpain II inhibitor
1079	60	1.338	Calpain inhibitor
1080	4	1.876	Camphor 1,2-monooxygenase inhibitor
1081	11	3.271	Cancer procoagulant inhibitor
1082	10	0.035	Candidapepsin 2 inhibitor
1083	17	3.818	Candidapepsin inhibitor
1084	16	1.471	Cannabinoid CB1 receptor agonist
1085	1166	0.452	Cannabinoid CB1 receptor antagonist
1086	33	4.888	Cannabinoid CB2 receptor agonist
1087	239	0.140	Cannabinoid CB2 receptor antagonist
1088	48	2.102	Cannabinoid receptor agonist
1089	1215	0.534	Cannabinoid receptor antagonist
1090	23	12.543	Capillary fragility treatment
1091	15	1.425	Carbamoyl-phosphate synthase (ammonia) inhibitor
1092	3	0.155	Carbamoyl-serine ammonia-lyase inhibitor
1093	3	2.926	Carbon-monoxide dehydrogenase inhibitor
1094	818	0.081	Carbonic anhydrase I inhibitor
1095	68	0.013	Carbonic anhydrase I stimulant
1096	1219	0.079	Carbonic anhydrase II inhibitor
1097	71	0.874	Carbonic anhydrase II stimulant

No.	N	IEP	Activity Name
1098	819	0.039	Carbonic anhydrase IV inhibitor
1099	65	0.016	Carbonic anhydrase IV stimulant
1100	141	0.133	Carbonic anhydrase IX inhibitor
1101	47	0.274	Carbonic anhydrase V inhibitor
1102	6	0.178	Carbonic anhydrase XII inhibitor
1103	1309	0.122	Carbonic anhydrase inhibitor
1104	85	0.936	Carbonic anhydrase stimulant
1105	38	9.991	Carbonyl reductase (NADPH) inhibitor
1106	19	0.276	Carboxy-cis,cis-muconate cyclase inhibitor
1107	5	0.012	Carboxycyclohexadienyl dehydratase inhibitor
1108	7	0.333	Carboxylate reductase inhibitor
1109	29	2.674	Carboxylesterase inhibitor
1110	3	0.823	Carboxymethylenebutenolidase inhibitor
1111	16	1.476	Carboxypeptidase B inhibitor
1112	9	6.221	Carboxypeptidase D inhibitor
1113	20	7.712	Carboxypeptidase E inhibitor
1114	5	0.487	Carboxypeptidase M inhibitor
1115	3	8.967	Carboxypeptidase Taq inhibitor
1116	15	2.677	Carboxypeptidase U inhibitor
1117	1550	6.300	Carcinogenic
1118	397	8.638	Carcinogenic, female mice
1119	462	7.880	Carcinogenic, female rats
1120	23	13.644	Carcinogenic, group 1
1121	36	5.118	Carcinogenic, group 2A
1122	195	4.179	Carcinogenic, group 2B
1123	392	5.434	Carcinogenic, group 3
1124	375	7.667	Carcinogenic, male mice
1125	519	7.291	Carcinogenic, male rats
1126	165	8.925	Cardiodepressant
1127	71	24.750	Cardioprotectant
1128	2119	12.677	Cardiotonic
1129	99	18.610	Cardiotoxic
1130	19	8.591	Cardiovascular analeptic
1131	3	1.812	Carminative
1132	8	3.114	Carnitinamidase inhibitor
1133	12	1.716	Carnitine 3-dehydrogenase inhibitor
1134	8	4.163	Carnitine O-octanoyltransferase inhibitor
1135	4	0.034	Carnitine acetyltransferase stimulant

No.	N	IEP	Activity Name
1136	5	0.700	Carnitine dehydratase inhibitor
1137	8	7.912	Carnitine palmitoyltransferase 1 inhibitor
1138	18	3.910	Carnitine palmitoyltransferase inhibitor
1139	14	5.249	Carnosine synthase inhibitor
1140	8	0.380	Caspase 2 inhibitor
1141	344	1.812	Caspase 3 inhibitor
1142	59	19.366	Caspase 3 stimulant
1143	42	0.119	Caspase 6 inhibitor
1144	75	0.034	Caspase 7 inhibitor
1145	60	1.618	Caspase 8 inhibitor
1146	19	19.424	Caspase 8 stimulant
1147	12	10.318	Caspase 9 inhibitor
1148	21	22.721	Caspase 9 stimulant
1149	69	1.953	Catalase inhibitor
1150	98	4.744	Catalase stimulant
1151	20	1.028	Catechol 1,2-dioxygenase inhibitor
1152	32	0.617	Catechol 2,3-dioxygenase inhibitor
1153	30	3.313	Catechol O methyltransferase inhibitor
1154	15	3.151	Catechol oxidase inhibitor
1155	582	0.895	Cathepsin B inhibitor
1156	243	3.082	Cathepsin D inhibitor
1157	28	1.193	Cathepsin E inhibitor
1158	30	0.602	Cathepsin F inhibitor
1159	52	5.636	Cathepsin G inhibitor
1160	20	10.111	Cathepsin H inhibitor
1161	435	0.191	Cathepsin K inhibitor
1162	421	1.883	Cathepsin L inhibitor
1163	311	0.637	Cathepsin S inhibitor
1164	7	6.759	Cathepsin T inhibitor
1165	31	0.280	Cathepsin V inhibitor
1166	498	4.198	Cell adhesion inhibitor
1167	90	14.440	Cell adhesion molecule inhibitor
1168	512	4.072	Cell wall synthesis inhibitor
1169	10	0.951	Cellobiose phosphorylase inhibitor
1170	12	3.412	Cellulase inhibitor
1171	11	11.162	Cellulose 1,4-beta-cellobiosidase inhibitor
1172	13	3.869	Cellulose synthase (UDP-forming) inhibitor
1173	24	1.408	Centromere associated protein inhibitor

No.	N	IEP	Activity Name
1174	12	5.212	Ceramidase inhibitor
1175	12	8.486	Ceramide glucosyltransferase inhibitor
1176	9	2.616	Cerebroside-sulfatase inhibitor
1177	169	7.733	Cerebrovascular disorders treatment
1178	8	1.626	Cerevisin inhibitor
1179	26	0.520	Chalcone isomerase inhibitor
1180	5	3.942	Channel-conductance-controlling ATPase inhibitor
1181	6	3.976	Chaperonin ATPase inhibitor
1182	186	0.977	Check point kinase 1 inhibitor
1183	64	3.379	Check point kinase 2 inhibitor
1184	228	1.144	Check point kinase inhibitor
1185	75	4.836	Chelator
1186	9	3.138	Chelator, Iron
1187	784	2.018	Chemokine receptor antagonist
1188	155	9.373	Chemopreventive
1189	101	14.773	Chemoprotective
1190	3	4.511	Chenodeoxycholoyltaurine hydrolase inhibitor
1191	3	0.099	Chitin deacetylase inhibitor
1192	28	2.836	Chitin synthase inhibitor
1193	19	7.658	Chitinase inhibitor
1194	5	2.099	Chitobiosyldiphosphodolichol beta-mannosyltransferase inhibitor
1195	8	6.616	Chitosanase inhibitor
1196	7	0.377	Chloramphenicol O-acetyltransferase inhibitor
1197	4	10.221	Chlordecone reductase inhibitor
1198	41	11.987	Chloride channel agonist
1199	5	10.953	Chloride channel antagonist
1200	3	12.653	Chloride peroxidase inhibitor
1201	4	0.001	Chloride/bicarbonate exchanger inhibitor
1202	9	1.693	Cholate-CoA ligase inhibitor
1203	113	0.794	Cholecystokinin A agonist
1204	1064	0.435	Cholecystokinin A antagonist
1205	3	0.175	Cholecystokinin B agonist
1206	1080	0.534	Cholecystokinin B antagonist
1207	120	0.803	Cholecystokinin agonist
1208	1398	0.652	Cholecystokinin antagonist
1209	119	7.599	Choleretic
1210	9	9.517	Cholestanetriol 26-monoxygenase inhibitor
1211	8	0.031	Cholestenol delta-isomerase inhibitor

No.	N	IEP	Activity Name
1212	12	8.547	Cholestenone 5alpha-reductase inhibitor
1213	20	2.998	Cholesterol absorption inhibitor
1214	125	13.793	Cholesterol antagonist
1215	75	0.130	Cholesterol ester transfer protein antagonist
1216	53	1.064	Cholesterol esterase inhibitor
1217	7	0.003	Cholesterol monooxygenase (side-chain-cleaving) inhibitor
1218	15	2.007	Cholesterol oxidase inhibitor
1219	34	11.444	Cholesterol synthesis inhibitor
1220	5	6.824	Choline acetyltransferase stimulant
1221	15	0.290	Choline dehydrogenase inhibitor
1222	36	2.725	Choline kinase inhibitor
1223	28	1.265	Choline sulfotransferase inhibitor
1224	15	11.380	Choline-phosphate cytidyltransferase inhibitor
1225	12	2.231	Choline-sulfatase inhibitor
1226	1674	4.744	Cholinergic
1227	3020	2.720	Cholinergic antagonist
1228	3	1.951	Choloylglycine hydrolase inhibitor
1229	4	1.691	Chondroitin 6-sulfotransferase inhibitor
1230	22	0.277	Chorismate mutase inhibitor
1231	981	8.347	Chronic obstructive pulmonary disease treatment
1232	141	2.360	Chymase inhibitor
1233	3	15.509	Chymosin inhibitor
1234	188	3.378	Chymotrypsin inhibitor
1235	3	3.786	Cis-1,2-dihydro-1,2-dihydroxynaphthalene dehydrogenase inhibitor
1236	26	1.222	Citrate (Si)-synthase inhibitor
1237	5	11.842	Cl--transporting ATPase inhibitor
1238	3	3.160	Clavamate synthase inhibitor
1239	22	6.582	Clostripain inhibitor
1240	22	2.767	Coagulant
1241	92	4.647	Cocain dependency treatment
1242	11	10.733	Coccolysin inhibitor
1243	3	14.747	Coenzyme-B sulfoethylthiotransferase inhibitor
1244	2587	15.564	Cognition disorders treatment
1245	9	24.591	Collagen inhibitor
1246	1143	0.589	Collagenase 3 inhibitor
1247	1036	1.284	Collagenase inhibitor
1248	20	13.245	Colony stimulating factor agonist
1249	86	4.342	Colony stimulating factor antagonist

No.	N	IEP	Activity Name
1250	5	0.001	Colorectum cell-derived growth factor antagonist
1251	35	0.255	Complement C5a chemotactic receptor antagonist
1252	3	0.006	Complement C5a convertase stimulant
1253	24	5.183	Complement factor 1 inhibitor
1254	22	0.002	Complement factor 1r inhibitor
1255	3	15.949	Complement factor D inhibitor
1256	40	16.288	Complement inhibitor
1257	3	0.006	Complement stimulant
1258	7	3.642	Constipation treatment
1259	458	6.905	Contraceptive
1260	73	7.895	Contraceptive female
1261	46	8.209	Contraceptive male
1262	250	18.424	Convulsant
1263	29	2.212	Coproporphyrinogen oxidase inhibitor
1264	9	1.443	Corneal wound healing stimulator
1265	3	7.670	Corticosteroid antagonist
1266	5	3.616	Corticosteroid side-chain-isomerase inhibitor
1267	105	0.136	Corticosteroid-like
1268	628	0.034	Corticotropin releasing factor 1 receptor antagonist
1269	29	3.402	Corticotropin releasing factor antagonist
1270	3	1.360	Corticotropin-like
1271	14	0.276	Cortisol sulfotransferase inhibitor
1272	4	0.020	Cortisone alpha-reductase inhibitor
1273	7	0.104	Cortisone beta-reductase inhibitor
1274	47	0.000	CpG-Oligodeoxynucleotides inhibitor
1275	8	1.238	Creatinase inhibitor
1276	30	2.903	Creatine kinase inhibitor
1277	6	10.831	Creatininase inhibitor
1278	3	1.217	Creatinine deaminase inhibitor
1279	3	2.128	Crotonoyl-[acyl-carrier-protein] hydratase inhibitor
1280	114	0.225	Cruzipain inhibitor
1281	52	2.990	Cushing's syndrome treatment
1282	6	3.999	Cutinase inhibitor
1283	13	1.717	Cyanate hydratase inhibitor
1284	5	16.195	Cyanoalanine nitrilase inhibitor
1285	4	1.377	Cyclamate sulfohydrolase inhibitor
1286	15	14.856	Cyclic AMP agonist
1287	9	23.428	Cyclic AMP antagonist

No.	N	IEP	Activity Name
1288	42	13.368	Cyclic AMP modulator
1289	185	13.223	Cyclic AMP phosphodiesterase inhibitor
1290	13	16.999	Cyclic GMP phosphodiesterase inhibitor
1291	380	1.473	Cyclin-dependent kinase 1 inhibitor
1292	642	1.939	Cyclin-dependent kinase 2 inhibitor
1293	329	1.144	Cyclin-dependent kinase 4 inhibitor
1294	216	1.465	Cyclin-dependent kinase 5 inhibitor
1295	44	4.646	Cyclin-dependent kinase 6 inhibitor
1296	10	16.649	Cyclin-dependent kinase 7 inhibitor
1297	1751	2.135	Cyclin-dependent kinase inhibitor
1298	10	3.621	Cycloartenol synthase inhibitor
1299	12	0.099	Cyclohexadienyl dehydrogenase inhibitor
1300	11	16.153	Cyclohexanone monooxygenase inhibitor
1301	3	2.430	Cyclohexyl-isocyanide hydratase inhibitor
1302	17	0.070	Cyclomaltodextrin glucanotransferase inhibitor
1303	6	16.929	Cyclomaltodextrinase inhibitor
1304	647	2.781	Cyclooxygenase 1 inhibitor
1305	2461	2.323	Cyclooxygenase 2 inhibitor
1306	13	0.350	Cyclooxygenase 3 inhibitor
1307	3141	3.747	Cyclooxygenase inhibitor
1308	4	15.631	Cyclooxygenase substrate
1309	5	2.436	Cyclopentanone monooxygenase inhibitor
1310	11	6.318	Cyclopropane-fatty-acyl-phospholipid synthase inhibitor
1311	21	1.716	Cystathionine beta-lyase inhibitor
1312	12	1.202	Cystathionine beta-synthase inhibitor
1313	26	1.349	Cystathionine gamma-lyase inhibitor
1314	9	2.093	Cysteamine dioxygenase inhibitor
1315	5	1.291	Cysteine desulfurase inhibitor
1316	16	0.264	Cysteine dioxygenase inhibitor
1317	12	0.020	Cysteine protease B inhibitor
1318	20	7.013	Cysteine synthase inhibitor
1319	3	0.435	Cysteine transaminase inhibitor
1320	3	0.863	Cysteine-S-conjugate beta-lyase inhibitor
1321	19	1.371	Cysteine-tRNA ligase inhibitor
1322	79	25.920	Cystic fibrosis treatment
1323	30	7.138	Cystinyl aminopeptidase inhibitor
1324	47	2.276	Cytidine deaminase inhibitor
1325	19	0.507	Cytidylate kinase inhibitor

No.	N	IEP	Activity Name
1326	854	12.080	Cytochrome P450 inhibitor
1327	21	13.710	Cytochrome-b5 reductase inhibitor
1328	8	0.001	Cytochrome-c release inhibitor
1329	6	0.832	Cytochrome-c3 hydrogenase inhibitor
1330	13	18.861	Cytokine modulator
1331	74	5.442	Cytokine production inhibitor
1332	34	5.985	Cytokine production stimulant
1333	22	24.608	Cytoprotectant
1334	27	2.790	Cytosine deaminase inhibitor
1335	43	7.033	Cytosol alanyl aminopeptidase inhibitor
1336	5	1.377	Cytosole dipeptidase inhibitor
1337	5	0.008	Cytosolic phospholipase A2 inhibitor
1338	247	9.517	Cytostatic
1339	134	9.918	Cytotoxic
1340	5	0.077	D(-)-tartrate dehydratase inhibitor
1341	6	1.096	D-2-hydroxy-acid dehydrogenase inhibitor
1342	5	0.026	D-Alanine-alanyl-poly(glycerolphosphate) ligase inhibitor
1343	5	0.161	D-Alanine-poly(phosphoribitol) ligase inhibitor
1344	22	0.777	D-Lysine 5,6-aminomutase inhibitor
1345	20	3.133	D-Octopine dehydrogenase inhibitor
1346	5	1.261	D-Ornithine 4,5-aminomutase inhibitor
1347	4	0.122	D-Serine ammonia-lyase inhibitor
1348	3	2.173	D-alanine 2-hydroxymethyltransferase inhibitor
1349	18	1.198	D-alanine transaminase inhibitor
1350	5	4.016	D-amino-acid dehydrogenase inhibitor
1351	5	1.105	D-arabinolactone oxidase inhibitor
1352	5	22.129	D-arabinose 1-dehydrogenase inhibitor
1353	12	0.145	D-aspartate oxidase inhibitor
1354	5	0.693	D-benzoylarginine-4-nitroanilide amidase inhibitor
1355	5	1.227	D-cysteine desulfhydrase inhibitor
1356	9	1.351	D-glutamate oxidase inhibitor
1357	11	15.261	D-lactaldehyde dehydrogenase inhibitor
1358	7	1.239	D-lactate dehydrogenase (cytochrome) inhibitor
1359	7	12.707	D-lactate dehydrogenase inhibitor
1360	4	0.126	D-lactate-2-sulfatase inhibitor
1361	10	1.385	D-malate dehydrogenase (decarboxylating) inhibitor
1362	5	0.796	D-proline reductase (dithiol) inhibitor
1363	7	0.590	D-stereospecific aminopeptidase inhibitor

No.	N	IEP	Activity Name
1364	7	7.434	D-threo-aldose 1-dehydrogenase inhibitor
1365	4	2.084	D-xylulose reductase inhibitor
1366	13	11.331	DELTA14-sterol reductase inhibitor
1367	8	11.191	DELTA24-sterol reductase inhibitor
1368	438	3.265	DNA damaging
1369	155	7.075	DNA directed DNA polymerase inhibitor
1370	318	8.828	DNA directed RNA polymerase inhibitor
1371	10	0.314	DNA directed RNA polymerase stimulant
1372	257	1.394	DNA gyrase inhibitor
1373	31	3.175	DNA helicase inhibitor
1374	566	1.615	DNA intercalator
1375	24	6.428	DNA ligase (ATP) inhibitor
1376	28	0.816	DNA methylase inhibitor
1377	13	0.003	DNA methyltransferase I inhibitor
1378	21	5.282	DNA nucleotidylexotransferase inhibitor
1379	13	16.774	DNA polymerase I inhibitor
1380	67	0.005	DNA polymerase III inhibitor
1381	110	2.198	DNA repair enzyme inhibitor
1382	289	12.375	DNA synthesis inhibitor
1383	80	1.329	DNA topoisomerase IV inhibitor
1384	8	9.305	DNA-(apurinic or apyrimidinic site) lyase inhibitor
1385	5	4.962	DNA-3-methyladenine glycosylase I inhibitor
1386	3	0.662	DNA-3-methyladenine glycosylase II inhibitor
1387	43	1.383	DNA-dependent protein kinase inhibitor
1388	9	1.212	DOPA decarboxylase inhibitor
1389	22	9.667	Dactylisin inhibitor
1390	10	1.231	Deacetoxycephalosporin-C synthase inhibitor
1391	4	3.065	Decylcitrate synthase inhibitor
1392	3	6.212	Dehydro-L-gulonate decarboxylase inhibitor
1393	38	0.038	Delayed rectifier potassium channel antagonist
1394	10	0.025	Demethylmacrocin O-methyltransferase inhibitor
1395	3	1.270	Demethylsterigmatocystin 6-O-methyltransferase inhibitor
1396	13	8.086	Deoxyadenosine kinase inhibitor
1397	5	1.174	Deoxycytidine deaminase inhibitor
1398	42	2.169	Deoxycytidine kinase inhibitor
1399	7	2.736	Deoxycytidylate 5-hydroxymethyltransferase inhibitor
1400	37	0.569	Deoxyguanosine kinase inhibitor
1401	16	0.249	Deoxyhypusine monooxygenase inhibitor

No.	N	IEP	Activity Name
1402	28	2.025	Deoxyhypusine synthase inhibitor
1403	9	0.045	Deoxynucleoside kinase inhibitor
1404	3	0.235	Deoxyribonuclease (pyrimidine dimer) inhibitor
1405	10	5.776	Deoxyribonuclease I inhibitor
1406	3	5.184	Deoxyribonuclease II inhibitor
1407	3	1.062	Deoxyribonuclease X inhibitor
1408	4	1.237	Deoxyribose-phosphate aldolase inhibitor
1409	603	6.615	Dependence treatment
1410	69	26.008	Depression
1411	7	1.863	Dethiobiotin synthase inhibitor
1412	9	6.584	Dextranase inhibitor
1413	19	0.791	Dextranucrase inhibitor
1414	4	2.893	Di-trans,poly-cis-decaprenylcistransferase inhibitor
1415	225	4.218	Diabetic retinopathy treatment
1416	32	6.737	Diacylglycerol O-acyltransferase inhibitor
1417	29	2.856	Diacylglycerol cholinephosphotransferase inhibitor
1418	23	6.694	Diacylglycerol kinase inhibitor
1419	12	6.686	Diamine N-acetyltransferase inhibitor
1420	25	1.386	Diamine oxidase inhibitor
1421	13	0.080	Diaminopimelate decarboxylase inhibitor
1422	7	1.011	Diaminopimelate dehydrogenase inhibitor
1423	8	0.192	Diaminopimelate epimerase inhibitor
1424	11	1.155	Diaminopropionate ammonia-lyase inhibitor
1425	9	0.055	Dichloromethane dehalogenase inhibitor
1426	4	0.587	Dichloromuconate cycloisomerase inhibitor
1427	6	0.861	Diguanidinobutanase inhibitor
1428	8	11.069	Dihydrodipicolinate reductase inhibitor
1429	16	0.786	Dihydrodipicolinate synthase inhibitor
1430	13	0.027	Dihydrofolate reductase (<i>Mycobacterium avium</i>) inhibitor
1431	10	0.008	Dihydrofolate reductase (<i>Pneumocystis carinii</i>) inhibitor
1432	13	0.081	Dihydrofolate reductase (<i>Toxoplasma gondii</i>) inhibitor
1433	1550	0.618	Dihydrofolate reductase inhibitor
1434	13	6.824	Dihydrofolate synthase inhibitor
1435	4	0.944	Dihydrolopoamide S-acetyltransferase inhibitor
1436	20	0.086	Dihydroneopterin aldolase inhibitor
1437	9	1.231	Dihydroorotate inhibitor
1438	92	2.634	Dihydroorotate dehydrogenase inhibitor
1439	84	1.359	Dihydroorotate oxidase inhibitor

No.	N	IEP	Activity Name
1440	31	0.987	Dihydropteroate synthase inhibitor
1441	15	1.389	Dihydropyrimidinase inhibitor
1442	8	1.208	Dihydrouracil oxidase inhibitor
1443	15	5.810	Dihydroxy-acid dehydratase inhibitor
1444	5	0.046	Dihydroxyacetanilide dehydrogenase inhibitor
1445	5	0.046	Dihydroxyacetanilide epoxidase inhibitor
1446	3	0.564	Diiodophenylpyruvate reductase inhibitor
1447	6	0.141	Diiodotyrosine transaminase inhibitor
1448	7	1.184	Diisopropyl-fluorophosphatase inhibitor
1449	27	3.141	Dimethylallyltranstransferase inhibitor
1450	3	9.086	Dimethylargininase inhibitor
1451	5	1.106	Dimethylhistidine N-methyltransferase inhibitor
1452	3	2.472	Dimethylmaleate hydratase inhibitor
1453	4	8.324	Dipeptidase E inhibitor
1454	21	4.849	Dipeptidyl peptidase I inhibitor
1455	109	2.997	Dipeptidyl peptidase II inhibitor
1456	1248	0.633	Dipeptidyl peptidase IV inhibitor
1457	5	6.379	Dipeptidyl peptidase IX inhibitor
1458	3	0.822	Dipeptidyl peptidase VIII inhibitor
1459	1351	1.322	Dipeptidyl peptidase inhibitor
1460	3	0.002	Diphenylpicrylhydrazyl (DPPH) scavenger
1461	17	0.427	Diphosphate-fructose-6-phosphate 1-phosphotransferase inhibitor
1462	8	0.095	Diphosphate-serine phosphotransferase inhibitor
1463	13	7.199	Diphosphomevalonate decarboxylase inhibitor
1464	520	9.979	Diuretic
1465	77	11.498	Diuretic inhibitor
1466	5	21.764	Dodecenoyl-CoA Delta-isomerase inhibitor
1467	8	4.369	Dolichol kinase inhibitor
1468	3	9.496	Dolichyl-diphosphooligosaccharide-protein glycotransferase inhibitor
1469	6	1.702	Dolichyl-phosphatase inhibitor
1470	15	3.013	Dolichyl-phosphate beta-D-mannosyltransferase inhibitor
1471	4	2.551	Dolichyl-phosphate beta-glucosyltransferase inhibitor
1472	3	0.015	Dolichyldiphosphatase inhibitor
1473	7	0.345	Dopachrome isomerase inhibitor
1474	48	0.475	Dopamine D1 agonist
1475	591	0.958	Dopamine D1 antagonist
1476	22	0.050	Dopamine D1A antagonist
1477	37	0.039	Dopamine D1B antagonist

No.	N	IEP	Activity Name
1478	112	1.668	Dopamine D2 agonist
1479	3	0.000	Dopamine D2 agonist inducer
1480	3631	1.474	Dopamine D2 antagonist
1481	80	0.674	Dopamine D2A antagonist
1482	31	0.045	Dopamine D2B antagonist
1483	458	0.750	Dopamine D2L antagonist
1484	103	1.853	Dopamine D2S antagonist
1485	23	0.739	Dopamine D3 agonist
1486	1052	1.271	Dopamine D3 antagonist
1487	555	1.078	Dopamine D4 agonist
1488	522	1.357	Dopamine D4 antagonist
1489	28	0.157	Dopamine D5 antagonist
1490	925	3.410	Dopamine agonist
1491	4321	1.796	Dopamine antagonist
1492	49	0.495	Dopamine autoreceptor agonist
1493	64	4.161	Dopamine beta hydroxylase inhibitor
1494	5	12.983	Dopamine release stimulant
1495	116	1.805	Dopamine transporter antagonist
1496	1556	0.665	Dopamine uptake inhibitor
1497	3	5.906	Dual specificity phosphatase 1 inhibitor
1498	38	3.458	Dual specificity phosphatase inhibitor
1499	9	0.085	Dual specificity protein phosphatase VHR inhibitor
1500	3	0.959	Dynamin GTPase inhibitor
1501	3	3.168	Dynein ATPase inhibitor
1502	11	2.940	Dysmenorrhea treatment
1503	73	5.581	ERK inhibitor
1504	69	4.776	ERK2 inhibitor
1505	15	15.027	Ecdysone 20-monooxygenase inhibitor
1506	6	0.306	Eicosanoid agonist
1507	18	0.363	Elastase 1 inhibitor
1508	7	0.001	Elastase 2 inhibitor
1509	755	1.788	Elastase inhibitor
1510	6	22.756	Electrolyte absorption agonist
1511	54	4.806	Electrolyte absorption antagonist
1512	3	13.525	Electron-transferring-flavoprotein dehydrogenase inhibitor
1513	775	8.320	Embryotoxic
1514	280	23.711	Emetic
1515	3	1.200	Endo-1,3(4)-beta-glucanase inhibitor

No.	N	IEP	Activity Name
1516	19	2.174	Endo-1,4-beta-xylanase inhibitor
1517	24	0.827	Endocannabinoid uptake inhibitor
1518	3	10.298	Endocrine disorders treatment
1519	4	2.291	Endoglycosylceramidase inhibitor
1520	112	4.208	Endometriosis treatment
1521	15	0.030	Endonuclease (influenza) inhibitor
1522	39	9.583	Endopeptidase La inhibitor
1523	7	11.276	Endopeptidase So inhibitor
1524	64	9.335	Endopeptidase inhibitor
1525	13	20.660	Endothelial growth factor antagonist
1526	126	0.983	Endothelial nitric oxide synthase inhibitor
1527	1466	0.280	Endothelin A receptor antagonist
1528	826	0.471	Endothelin B receptor antagonist
1529	228	2.424	Endothelin converting enzyme inhibitor
1530	1606	0.613	Endothelin receptor antagonist
1531	6	0.468	Endothiapepsin inhibitor
1532	9	0.696	Enoyl-CoA hydratase inhibitor
1533	33	3.257	Enoyl-[acyl-carrier-protein] reductase (NADH) inhibitor
1534	6	17.669	Enteropeptidase inhibitor
1535	18	6.160	Envelysin inhibitor
1536	3	9.903	EphB2 kinase inhibitor
1537	68	0.181	EphB4 antagonist
1538	81	0.506	Ephrin antagonist
1539	894	1.030	Epidermal growth factor antagonist
1540	1079	5.353	Epidermal growth factor receptor kinase inhibitor
1541	143	0.044	Epoxide hydrolase 2 inhibitor
1542	206	0.972	Epoxide hydrolase inhibitor
1543	69	6.006	Epoxide hydrolase substrate
1544	64	0.002	Equilibrative nucleoside transport protein 1 inhibitor
1545	97	0.019	Equilibrative nucleoside transport protein inhibitor
1546	571	1.242	ErbB antagonist
1547	21	7.793	ErbB-1 antagonist
1548	384	1.359	ErbB-2 antagonist
1549	5	17.491	ErbB-2 expression inhibitor
1550	17	0.932	ErbB-4 antagonist
1551	195	5.146	Erectile dysfunction treatment
1552	4	0.071	Erythro-3-hydroxyaspartate ammonia-lyase inhibitor
1553	10	0.042	Estradiol 17 beta dehydrogenase 2 inhibitor

No.	N	IEP	Activity Name
1554	42	0.119	Estradiol 17 beta dehydrogenase 3 inhibitor
1555	58	0.166	Estradiol 17 beta dehydrogenase inhibitor
1556	19	0.164	Estradiol 17 beta dehydrogenase stimulant
1557	3	1.266	Estradiol 17alpha-dehydrogenase inhibitor
1558	310	2.006	Estrogen agonist
1559	26	0.264	Estrogen alpha receptor agonist
1560	515	0.390	Estrogen alpha receptor antagonist
1561	1029	1.356	Estrogen antagonist
1562	22	0.288	Estrogen beta receptor agonist
1563	513	0.306	Estrogen beta receptor antagonist
1564	17	0.003	Estrogen-related receptor alpha antagonist
1565	192	0.426	Estrone sulfatase inhibitor
1566	37	3.848	Estrone sulfotransferase inhibitor
1567	17	0.162	Estrone sulfotransferase stimulant
1568	10	0.086	Ethanolamine ammonia-lyase inhibitor
1569	26	1.386	Ethanolamine kinase inhibitor
1570	6	10.969	Ethanolamine oxidase inhibitor
1571	8	7.133	Ethanolamine-phosphate cytidyltransferase inhibitor
1572	29	4.930	Ethanolaminephosphotransferase inhibitor
1573	21	0.003	Ether-a-go-go potassium channel 1 antagonist
1574	21	0.003	Ether-a-go-go potassium channel antagonist
1575	3	0.149	Euglycemic
1576	3	0.000	Eukaryotic elongation factor 2 kinase inhibitor
1577	3	1.243	Excitatory amino acid transporter 1 inhibitor
1578	9	0.709	Excitatory amino acid transporter 2 inhibitor
1579	5	8.024	Exoribonuclease II inhibitor
1580	131	7.076	Expectorant
1581	461	3.554	Eye irritation, high
1582	91	11.045	Eye irritation, inactive
1583	232	3.648	Eye irritation, moderate
1584	349	3.590	Eye irritation, weak
1585	18	1.443	FAD diphosphatase inhibitor
1586	7	0.011	FMN adenyltransferase inhibitor
1587	22	5.437	FMN reductase inhibitor
1588	13	23.979	FMO1 substrate
1589	36	14.814	FMO3 substrate
1590	13	0.000	Factor IXa inhibitor
1591	8	3.387	Factor VII inhibitor

No.	N	IEP	Activity Name
1592	216	1.201	Factor VIIa inhibitor
1593	13	6.065	Factor XIIIa inhibitor
1594	3	0.274	Factor XIIIa stimulant
1595	10	9.613	Factor XIa inhibitor
1596	1718	0.823	Factor Xa inhibitor
1597	39	5.430	Falcipain 2 inhibitor
1598	6	18.379	Falcipain 3 inhibitor
1599	39	5.430	Falcipain inhibitor
1600	67	0.501	Farnesoid X receptor agonist
1601	2412	1.218	Farnesyltransferase inhibitor
1602	5	2.496	Farnesyltranstransferase inhibitor
1603	5	0.001	Fas antagonist
1604	27	1.541	Fatty acid synthase inhibitor
1605	5	7.796	Fatty-acyl-CoA synthase inhibitor
1606	3	0.324	Fatty-acyl-ethyl-ester synthase inhibitor
1607	37	2.714	Female sexual dysfunction treatment
1608	7	5.263	Ferredoxin hydrogenase inhibitor
1609	3	3.924	Ferredoxin-NAD ⁺ reductase inhibitor
1610	6	2.881	Ferredoxin-NADP ⁺ reductase inhibitor
1611	12	5.012	Ferredoxin-nitrite reductase inhibitor
1612	5	1.292	Ferrochelatae inhibitor
1613	6	8.681	Feruloyl esterase inhibitor
1614	26	19.603	Fibrinogen receptor antagonist
1615	40	19.429	Fibrinolytic
1616	143	1.487	Fibroblast growth factor 1 antagonist
1617	10	6.668	Fibroblast growth factor 2 antagonist
1618	19	15.980	Fibroblast growth factor 3 antagonist
1619	449	1.665	Fibroblast growth factor antagonist
1620	4	12.506	Fibrolase inhibitor
1621	9	6.501	Flavin-containing monooxygenase inhibitor
1622	50	13.452	Flavin-containing monooxygenase substrate
1623	8	25.594	Flavonoid 3'-monooxygenase inhibitor
1624	111	0.835	Focal adhesion kinase inhibitor
1625	21	10.113	Folate antagonist
1626	5	0.033	Folate transporter 1 inhibitor
1627	9	18.512	Follicle-stimulating hormone agonist
1628	26	0.004	Follicle-stimulating hormone antagonist
1629	27	0.018	Folylpolyglutamate synthase inhibitor

No.	N	IEP	Activity Name
1630	17	3.163	Formaldehyde dehydrogenase (glutathione) inhibitor
1631	14	1.643	Formaldehyde dehydrogenase inhibitor
1632	6	9.626	Formaldehyde transketolase inhibitor
1633	5	0.382	Formate C-acetyltransferase inhibitor
1634	21	2.797	Formate dehydrogenase inhibitor
1635	14	11.956	Formate-dihydrofolate ligase inhibitor
1636	3	0.193	Formimidoylglutamase inhibitor
1637	8	1.103	Formimidoyltetrahydrofolate cyclodeaminase inhibitor
1638	15	0.004	Formyl peptide receptor antagonist
1639	6	1.202	Formyltetrahydrofolate dehydrogenase inhibitor
1640	6	15.624	Fragilysin inhibitor
1641	115	9.176	Free radical scavenger
1642	4	4.477	Fructan beta-fructosidase inhibitor
1643	13	0.484	Fructokinase inhibitor
1644	3	1.402	Fructose 5-dehydrogenase (NADP+) inhibitor
1645	4	20.354	Fructose 5-dehydrogenase inhibitor
1646	66	0.022	Fructose bisphosphatase inhibitor
1647	12	4.316	Fructose-2,6-bisphosphate 2-phosphatase inhibitor
1648	4	0.489	Fructose-2,6-bisphosphate 6-phosphatase inhibitor
1649	3	0.763	Fructuronate reductase inhibitor
1650	9	0.519	Fucokinase inhibitor
1651	9	8.601	Fucosterol-epoxide lyase inhibitor
1652	24	0.653	Fumarate hydratase inhibitor
1653	7	11.220	Fumarate reductase (NADH) inhibitor
1654	14	0.731	Fumarylacetoacetase inhibitor
1655	23	2.448	Furin inhibitor
1656	3	8.652	G-Quadruplex telomerase inhibitor
1657	22	17.472	G-protein-coupled receptor kinase inhibitor
1658	116	8.057	GABA A receptor agonist
1659	1677	0.641	GABA A receptor antagonist
1660	9	9.418	GABA B receptor agonist
1661	57	0.763	GABA B receptor antagonist
1662	3	1.984	GABA C receptor agonist
1663	5	0.661	GABA C receptor antagonist
1664	10	6.975	GABA aminotransferase inhibitor
1665	267	8.900	GABA receptor agonist
1666	1743	0.849	GABA receptor antagonist
1667	141	0.028	GABA transporter 1 inhibitor

No.	N	IEP	Activity Name
1668	143	0.029	GABA transporter inhibitor
1669	16	6.416	GABA uptake inhibitor
1670	3	0.181	GDP-L-fucose synthase inhibitor
1671	8	0.074	GDP-mannose 4,6-dehydratase inhibitor
1672	6	11.437	GDP-mannose 6-dehydrogenase inhibitor
1673	134	0.302	GHS receptor antagonist
1674	17	0.478	GMP reductase inhibitor
1675	56	1.245	GMP synthase inhibitor
1676	2071	0.811	GP IIb/IIIa receptor antagonist
1677	8	25.288	GST A substrate
1678	15	17.659	GST M substrate
1679	9	13.116	GST M1-1 substrate
1680	16	2.455	GST P substrate
1681	15	2.417	GST P1-1 substrate
1682	9	13.176	GST T substrate
1683	9	13.176	GST T1-1 substrate
1684	15	0.884	GTP cyclohydrolase I inhibitor
1685	6	0.010	GTP cyclohydrolase IIa inhibitor
1686	6	2.496	Galactokinase inhibitor
1687	13	9.639	Galactolipase inhibitor
1688	3	1.572	Galactose 1-dehydrogenase (NADP+) inhibitor
1689	13	2.985	Galactose oxidase inhibitor
1690	12	1.990	Galactoside 2-alpha-L-fucosyltransferase inhibitor
1691	4	3.101	Galactoside O-acetyltransferase inhibitor
1692	7	2.254	Galactosylceramidase inhibitor
1693	9	3.689	Galactosylceramide sulfotransferase inhibitor
1694	5	0.641	Galactosylgalactosylglucosylceramidase inhibitor
1695	6	23.321	Galactosylgalactosylglucosylceramide beta-D-acetylgalactosaminyltransferase inhibitor
1696	4	1.232	Galacturan 1,4-alpha-galacturonidase inhibitor
1697	5	0.111	Galectin 3 antagonist
1698	5	2.322	Gallate decarboxylase inhibitor
1699	15	7.905	Gametolysin inhibitor
1700	3	2.424	Gamma-D-Glutamyl-meso-diaminopimelate peptidase inhibitor
1701	19	8.114	Gamma-butyrobetaine dioxygenase inhibitor
1702	42	0.798	Gamma-glutamyl hydrolase inhibitor
1703	27	8.927	Gamma-glutamyltransferase inhibitor
1704	5	11.933	Gamma-guanidinobutyraldehyde dehydrogenase inhibitor
1705	9	3.971	Ganglioside galactosyltransferase inhibitor

No.	N	IEP	Activity Name
1706	429	9.227	Gastric antisecretory
1707	19	24.315	Gastric secretion stimulant
1708	12	8.650	Gastricsin inhibitor
1709	157	10.932	Gastrin inhibitor
1710	8	20.072	Gastrin-releasing peptide antagonist
1711	9	10.710	Gastroesophageal reflux disease treatment
1712	17	16.856	Gastrointestinal disorders treatment
1713	75	9.733	Gastrointestinal motility stimulant
1714	6	4.741	Gaucher disease treatment
1715	19	3.438	Gelatinase inhibitor
1716	4	0.469	Gentamicin 2"-nucleotidyltransferase inhibitor
1717	12	0.307	Gentamicin 3'-N-acetyltransferase inhibitor
1718	6	1.523	Gentisate 1,2-dioxygenase inhibitor
1719	9	4.783	Geranylgeranyl-diphosphate geranylgeranyltransferase inhibitor
1720	240	0.262	Geranylgeranyltransferase I inhibitor
1721	449	0.286	Geranylgeranyltransferase inhibitor
1722	28	0.017	Geranyltranstransferase (Leishmania) inhibitor
1723	62	0.209	Geranyltranstransferase inhibitor
1724	8	3.520	Gestagen antagonist
1725	38	0.116	Gestagen-like
1726	6	7.623	Gingipain K inhibitor
1727	8	10.853	Gingipain R inhibitor
1728	13	4.471	Globoside alpha-N-acetylgalactosaminyltransferase inhibitor
1729	180	1.297	Glucagon receptor antagonist
1730	6	21.139	Glucagon-like peptide 1 agonist
1731	13	0.030	Glucagon-like peptide 1 receptor antagonist
1732	19	0.852	Glucan 1,3-alpha-glucosidase inhibitor
1733	9	1.144	Glucan 1,3-beta-glucosidase inhibitor
1734	19	0.504	Glucan 1,4-alpha-glucosidase inhibitor
1735	3	2.943	Glucan 1,4-alpha-maltotetrahydrolase inhibitor
1736	3	4.855	Glucan 1,4-alpha-maltotriohydrolase inhibitor
1737	9	2.558	Glucan 1,4-beta-glucosidase inhibitor
1738	6	1.502	Glucan 1,6-alpha-glucosidase inhibitor
1739	3	0.650	Glucan endo-1,3-alpha-glucosidase inhibitor
1740	13	11.181	Glucan endo-1,3-beta-D-glucosidase inhibitor
1741	7	9.821	Glucan endo-1,6-beta-glucosidase inhibitor
1742	5	1.215	Glucarate dehydratase inhibitor
1743	234	0.754	Glucocorticoid agonist

No.	N	IEP	Activity Name
1744	294	0.689	Glucocorticoid antagonist
1745	4	20.777	Gluconate 2-dehydrogenase (acceptor) inhibitor
1746	3	5.586	Gluconate 5-dehydrogenase inhibitor
1747	4	0.770	Gluconate dehydratase inhibitor
1748	3	3.381	Gluconokinase inhibitor
1749	3	2.856	Gluconolactonase inhibitor
1750	6	0.690	Glucosamine 6-phosphate N-acetyltransferase inhibitor
1751	6	0.439	Glucosamine N-acetyltransferase inhibitor
1752	4	0.741	Glucosamine-1-phosphate N-acetyltransferase inhibitor
1753	12	2.456	Glucosamine-6-phosphate deaminase inhibitor
1754	8	2.075	Glucose 1-dehydrogenase inhibitor
1755	7	15.805	Glucose oxidase inhibitor
1756	11	0.424	Glucose-1,6-bisphosphate synthase inhibitor
1757	3	1.227	Glucose-1-phosphatase inhibitor
1758	15	0.668	Glucose-1-phosphate adenylyltransferase inhibitor
1759	12	0.020	Glucose-1-phosphate cytidylyltransferase inhibitor
1760	22	0.201	Glucose-6-phosphate isomerase inhibitor
1761	26	0.375	Glucose-6-phosphate translocase inhibitor
1762	33	3.729	Glucosyl transferase inhibitor
1763	15	0.583	Glucosylceramidase inhibitor
1764	5	2.653	Glucuronate isomerase inhibitor
1765	3	1.419	Glucuronolactone reductase inhibitor
1766	47	2.313	Glucuronosyltransferase inhibitor
1767	3	0.017	Glutamate (iGluR5) receptor agonist
1768	22	0.281	Glutamate (mGluR group I) agonist
1769	122	3.747	Glutamate (mGluR group I) antagonist
1770	14	1.427	Glutamate (mGluR group II) agonist
1771	125	0.651	Glutamate (mGluR group II) antagonist
1772	9	0.059	Glutamate (mGluR group III) agonist
1773	24	0.079	Glutamate (mGluR group III) antagonist
1774	50	0.558	Glutamate (mGluR) agonist
1775	291	2.590	Glutamate (mGluR) antagonist
1776	10	0.252	Glutamate (mGluR1) agonist
1777	75	5.885	Glutamate (mGluR1) antagonist
1778	4	0.019	Glutamate (mGluR1a) agonist
1779	7	0.490	Glutamate (mGluR2) agonist
1780	112	0.662	Glutamate (mGluR2) antagonist
1781	11	0.675	Glutamate (mGluR3) agonist

No.	N	IEP	Activity Name
1782	59	1.198	Glutamate (mGluR3) antagonist
1783	5	0.263	Glutamate (mGluR4) antagonist
1784	9	0.223	Glutamate (mGluR5) agonist
1785	52	2.626	Glutamate (mGluR5) antagonist
1786	4	0.019	Glutamate (mGluR5a) agonist
1787	7	0.043	Glutamate (mGluR6) agonist
1788	6	1.206	Glutamate (mGluR6) antagonist
1789	13	0.004	Glutamate (mGluR8) antagonist
1790	9	11.629	Glutamate 5-kinase inhibitor
1791	4	1.271	Glutamate N-acetyltransferase inhibitor
1792	20	1.272	Glutamate carboxypeptidase inhibitor
1793	43	3.100	Glutamate decarboxylase inhibitor
1794	18	1.258	Glutamate dehydrogenase (NADP+) inhibitor
1795	45	1.712	Glutamate dehydrogenase [NAD(P)+] inhibitor
1796	34	4.747	Glutamate dehydrogenase inhibitor
1797	11	0.407	Glutamate formimidoyltransferase inhibitor
1798	37	0.362	Glutamate racemase inhibitor
1799	120	3.317	Glutamate receptor agonist
1800	2625	2.858	Glutamate receptor antagonist
1801	21	12.984	Glutamate release inhibitor
1802	55	2.806	Glutamate synthase (NADPH) inhibitor
1803	21	5.239	Glutamate synthase (ferredoxin) inhibitor
1804	9	0.157	Glutamate uptake inhibitor
1805	9	4.957	Glutamate-1-semialdehyde 2,1-aminomutase inhibitor
1806	4	15.787	Glutamate-5-semialdehyde dehydrogenase inhibitor
1807	37	1.148	Glutamate-cysteine ligase inhibitor
1808	6	18.090	Glutamate-tRNA ligase inhibitor
1809	14	3.715	Glutamin-(asparagin-)ase inhibitor
1810	21	5.894	Glutaminase inhibitor
1811	37	3.395	Glutamine synthetase inhibitor
1812	4	0.825	Glutamine-fructose-6-phosphate transaminase inhibitor
1813	3	4.502	Glutamine-phenylpyruvate transaminase inhibitor
1814	7	0.986	Glutamine-pyruvate transaminase inhibitor
1815	9	1.501	Glutamine-tRNA ligase inhibitor
1816	7	19.859	Glutaminyl-peptide cyclotransferase inhibitor
1817	4	0.856	Glutaminyl-tRNA synthase (glutamine-hydrolysing) inhibitor
1818	3	2.459	Glutarate-semialdehyde dehydrogenase inhibitor
1819	5	1.731	Glutaryl-CoA dehydrogenase inhibitor

No.	N	IEP	Activity Name
1820	9	0.244	Glutathione S transferase P1 inhibitor
1821	29	0.220	Glutathione S transferase inhibitor
1822	83	8.971	Glutathione S transferase substrate
1823	7	5.308	Glutathione dehydrogenase (ascorbate) inhibitor
1824	10	6.512	Glutathione peroxidase inhibitor
1825	3	0.181	Glutathione peroxidase stimulant
1826	11	2.877	Glutathione reductase (NADPH) stimulant
1827	19	3.915	Glutathione reductase inhibitor
1828	11	2.877	Glutathione reductase stimulant
1829	15	2.466	Glutathione synthase inhibitor
1830	3	6.403	Glutathione thiolesterase inhibitor
1831	47	1.851	Glutathione-disulfide reductase inhibitor
1832	15	0.038	Glutathionylspermidine synthase inhibitor
1833	6	1.814	Gly-X carboxypeptidase inhibitor
1834	12	4.438	Glyceraldehyde-3-phosphate dehydrogenase (NADP+) inhibitor
1835	17	2.533	Glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) inhibitor
1836	3	8.893	Glyceraldehyde-3-phosphate dehydrogenase inhibitor
1837	12	0.144	Glycerate kinase inhibitor
1838	4	2.963	Glycerol 2-dehydrogenase (NADP+) inhibitor
1839	8	0.999	Glycerol dehydratase inhibitor
1840	5	2.691	Glycerol dehydrogenase (NADP+) inhibitor
1841	36	2.103	Glycerol dehydrogenase inhibitor
1842	18	0.931	Glycerol kinase inhibitor
1843	7	0.180	Glycerol-1,2-cyclic-phosphate 2-phosphodiesterase inhibitor
1844	3	1.120	Glycerol-1-phosphatase inhibitor
1845	23	5.619	Glycerol-3-phosphate O-acyltransferase inhibitor
1846	22	2.698	Glycerol-3-phosphate dehydrogenase (NAD+) inhibitor
1847	6	0.203	Glycerol-3-phosphate dehydrogenase [NAD(P)+] inhibitor
1848	29	10.348	Glycerol-3-phosphate dehydrogenase inhibitor
1849	6	18.282	Glycerol-3-phosphate oxidase inhibitor
1850	11	2.349	Glycerone-phosphate O-acyltransferase inhibitor
1851	10	0.362	Glycerophosphocholine cholinephosphodiesterase inhibitor
1852	10	0.406	Glycerophosphocholine phosphodiesterase inhibitor
1853	7	21.696	Glycerophospholipid arachidonoyl-transferase (CoA-independent) inhibitor
1854	11	15.123	Glyceryl-ether monooxygenase inhibitor
1855	12	9.739	Glycine C-acetyltransferase inhibitor
1856	6	1.294	Glycine N-acyltransferase inhibitor
1857	6	1.427	Glycine N-benzoyltransferase inhibitor

No.	N	IEP	Activity Name
1858	10	0.772	Glycine N-choloyltransferase inhibitor
1859	9	0.865	Glycine N-methyltransferase inhibitor
1860	5	5.740	Glycine amidinotransferase inhibitor
1861	6	22.131	Glycine dehydrogenase (cytochrome) inhibitor
1862	3	2.018	Glycine dehydrogenase (decarboxylating) inhibitor
1863	30	4.012	Glycine hydroxymethyltransferase inhibitor
1864	6	16.375	Glycine receptor antagonist
1865	7	0.895	Glycine transaminase inhibitor
1866	9	0.000	Glycine transporter 2 inhibitor
1867	10	10.922	Glycine-tRNA ligase inhibitor
1868	26	6.155	Glycogen (starch) synthase inhibitor
1869	101	0.565	Glycogen synthase kinase-3 alpha inhibitor
1870	396	0.456	Glycogen synthase kinase-3 beta inhibitor
1871	767	0.598	Glycogen synthase kinase-3 inhibitor
1872	8	0.407	Glycogenin glucosyltransferase inhibitor
1873	6	0.772	Glycolaldehyde dehydrogenase inhibitor
1874	3	3.236	Glycolate dehydrogenase inhibitor
1875	9	0.312	Glycolipid 2-alpha-mannosyltransferase inhibitor
1876	12	0.401	Glycolipid 3-alpha-mannosyltransferase inhibitor
1877	8	1.968	Glycopeptide alpha-N-acetylgalactosaminidase inhibitor
1878	10	3.007	Glycoprotein 3-alpha-L-fucosyltransferase inhibitor
1879	9	4.925	Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase inhibitor
1880	14	0.895	Glycosylceramidase inhibitor
1881	18	3.404	Glycosylphosphatidylinositol diacylglycerol-lyase inhibitor
1882	4	13.529	Glycosylphosphatidylinositol phospholipase D inhibitor
1883	3	2.632	Glyoxylate oxidase inhibitor
1884	12	8.042	Glyoxylate reductase (NADP+) inhibitor
1885	4	8.985	Glyoxylate reductase inhibitor
1886	22	16.853	Gonadotropin antagonist
1887	4	3.883	Gonadotropin-releasing hormone
1888	47	8.749	Gout treatment
1889	12	2.180	Granulocyte macrophage colony stimulating factor agonist
1890	13	8.869	Granulocyte stimulating factor agonist
1891	9	3.129	Granzyme A inhibitor
1892	22	2.631	Granzyme B inhibitor
1893	253	7.655	Growth factor agonist
1894	2463	2.739	Growth factor antagonist
1895	69	0.007	Growth factor receptor-bound protein 2 antagonist

No.	N	IEP	Activity Name
1896	10	6.936	Growth hormone agonist
1897	69	0.378	Growth hormone release inhibitor
1898	93	1.045	Growth hormone release promoting
1899	16	7.554	Growth hormone releasing factor agonist
1900	41	0.092	Growth hormone releasing factor antagonist
1901	62	6.536	Growth stimulant
1902	6	2.430	Guanidinoacetase inhibitor
1903	6	2.732	Guanidinoacetate N-methyltransferase inhibitor
1904	12	9.755	Guanidinoacetate kinase inhibitor
1905	13	1.036	Guanidinobutyrase inhibitor
1906	3	0.840	Guanidinodeoxy-scylo-inositol-4-phosphatase inhibitor
1907	5	0.736	Guanidinopropionase inhibitor
1908	13	2.068	Guanine deaminase inhibitor
1909	4	8.449	Guanosine-3',5'-bis(diphosphate) 3'-diphosphatase inhibitor
1910	13	0.012	Guanylate cyclase 1 inhibitor
1911	9	5.026	Guanylate cyclase 1 stimulant
1912	36	3.336	Guanylate cyclase inhibitor
1913	66	4.153	Guanylate cyclase stimulant
1914	15	1.273	Guanylate kinase inhibitor
1915	624	1.677	Gynecological disorders treatment
1916	10	16.770	H ⁺ -exporting ATPase inhibitor
1917	7	6.277	H ⁺ -transporting two-sector ATPase inhibitor
1918	454	2.165	H ⁺ /K ⁺ -transporting ATPase inhibitor
1919	3	7.844	HCV IRES inhibitor
1920	5	5.143	HCV NS3-helicase inhibitor
1921	421	1.234	HCV NS3/NS4A protease inhibitor
1922	92	1.512	HCV NS5B polymerase inhibitor
1923	54	13.527	HDL-cholesterol increasing
1924	37	5.072	HERG 1 channel antagonist
1925	134	7.803	HERG channel antagonist
1926	3	1.210	HIV attachment inhibitor
1927	506	1.765	HIV-1 integrase (3'-Processing) inhibitor
1928	68	2.159	HIV-1 integrase (Overall Integration) inhibitor
1929	528	1.568	HIV-1 integrase (Strand Transfer) inhibitor
1930	812	2.285	HIV-1 integrase inhibitor
1931	2304	0.500	HIV-1 protease inhibitor
1932	1747	1.225	HIV-1 reverse transcriptase inhibitor
1933	16	0.151	HIV-2 retropepsin inhibitor

No.	N	IEP	Activity Name
1934	3	1.863	HIV-2 reverse transcriptase inhibitor
1935	188	0.125	HLA-A2 antigen antagonist
1936	442	0.525	HMG CoA reductase inhibitor
1937	5	0.567	HMG CoA synthase inhibitor
1938	4	4.844	Haem oxygenase inhibitor
1939	352	3.240	Hair growth stimulant
1940	156	16.764	Hallucinogen
1941	3	0.703	Haloacetate dehalogenase inhibitor
1942	4	0.288	Haloalkane dehalogenase inhibitor
1943	184	7.715	Heart failure treatment
1944	110	0.084	Heat shock protein 90 antagonist
1945	110	0.084	Heat shock protein antagonist
1946	5	0.001	Hedgehog signaling inhibitor
1947	28	0.021	Helicase E1 (Human papillomavirus) inhibitor
1948	19	7.462	Hematinic
1949	65	10.556	Hematopoietic
1950	18	10.191	Hematopoietic inhibitor
1951	86	12.468	Hemostatic
1952	12	1.987	Heparan-alpha-glucosaminide N-acetyltransferase inhibitor
1953	66	2.222	Heparanase inhibitor
1954	113	0.038	Heparin epidermal growth factor antagonist
1955	415	12.344	Hepatic disorders treatment
1956	6	0.000	Hepatocyte growth factor agonist
1957	290	0.806	Hepatocyte growth factor antagonist
1958	249	10.713	Hepatoprotectant
1959	447	18.466	Hepatotoxic
1960	21	3.163	Hexokinase inhibitor
1961	3	0.267	High-mannose-oligosaccharide beta-1,4-N-acetylglucosaminyltransferase inhibitor
1962	4	1.013	Hippurate hydrolase inhibitor
1963	39	0.784	Hirsutism treatment
1964	3	7.310	Histamine H1 receptor agonist
1965	615	2.509	Histamine H1 receptor antagonist
1966	25	4.014	Histamine H2 receptor agonist
1967	310	2.509	Histamine H2 receptor antagonist
1968	55	0.080	Histamine H3 receptor agonist
1969	1232	0.401	Histamine H3 receptor antagonist
1970	60	0.028	Histamine H4 receptor antagonist
1971	44	4.764	Histamine N-methyltransferase inhibitor

No.	N	IEP	Activity Name
1972	93	2.765	Histamine agonist
1973	2247	3.819	Histamine antagonist
1974	114	12.910	Histamine release inhibitor
1975	32	10.621	Histamine release stimulant
1976	6	18.895	Histidine N-acetyltransferase inhibitor
1977	34	1.872	Histidine ammonia-lyase inhibitor
1978	32	2.367	Histidine decarboxylase inhibitor
1979	19	0.898	Histidine-tRNA ligase inhibitor
1980	21	7.025	Histidinol dehydrogenase inhibitor
1981	6	3.366	Histidinol-phosphatase inhibitor
1982	19	0.000	Histone acetylation inducer
1983	20	5.230	Histone acetyltransferase inhibitor
1984	288	0.396	Histone deacetylase 1 inhibitor
1985	8	0.040	Histone deacetylase 1A inhibitor
1986	7	0.045	Histone deacetylase 1B inhibitor
1987	74	0.319	Histone deacetylase 2 inhibitor
1988	12	0.999	Histone deacetylase 3 inhibitor
1989	10	1.435	Histone deacetylase 4 inhibitor
1990	24	2.860	Histone deacetylase 6 inhibitor
1991	20	0.129	Histone deacetylase 8 inhibitor
1992	27	3.528	Histone deacetylase SIRT1 inhibitor
1993	11	2.591	Histone deacetylase SIRT2 inhibitor
1994	5	0.109	Histone deacetylase SIRT2 stimulant
1995	329	0.360	Histone deacetylase class I inhibitor
1996	32	2.169	Histone deacetylase class II inhibitor
1997	34	2.526	Histone deacetylase class III inhibitor
1998	18	0.868	Histone deacetylase class IIa inhibitor
1999	24	2.860	Histone deacetylase class IIb inhibitor
2000	1290	1.033	Histone deacetylase inhibitor
2001	5	0.109	Histone deacetylase stimulant
2002	9	0.803	Histone-arginine N-methyltransferase inhibitor
2003	5	0.171	Histone-lysine N-methyltransferase inhibitor
2004	3	1.448	Homoaconitate hydratase inhibitor
2005	18	2.470	Homocitrate synthase inhibitor
2006	4	0.740	Homocysteine S-methyltransferase inhibitor
2007	8	1.237	Homocysteine desulhydrase inhibitor
2008	12	5.064	Homogentisate 1,2-dioxygenase inhibitor
2009	3	0.010	Homoisocitrate dehydrogenase inhibitor

No.	N	IEP	Activity Name
2010	11	0.338	Homoserine O-acetyltransferase inhibitor
2011	3	0.365	Homoserine O-succinyltransferase inhibitor
2012	14	11.404	Homoserine dehydrogenase inhibitor
2013	24	2.123	Homoserine kinase inhibitor
2014	4	0.709	Homospermidine synthase inhibitor
2015	3	2.031	Horrilysin inhibitor
2016	7	22.452	HsIV component of HsIUV peptidase inhibitor
2017	24	6.779	Huntington's disease treatment
2018	4	6.900	Hyaluronic acid agonist
2019	3	5.967	Hyaluronidase inhibitor
2020	3	12.065	Hydrogen dehydrogenase inhibitor
2021	37	26.906	Hydrolase inhibitor
2022	12	1.233	Hydroperoxide dehydratase inhibitor
2023	55	2.995	Hydroxyacylglutathione hydrolase inhibitor
2024	6	10.426	Hydroxylamine oxidase inhibitor
2025	18	13.451	Hydroxylamine reductase (NADH) inhibitor
2026	6	13.753	Hydroxylamine reductase inhibitor
2027	10	0.410	Hydroxylysine kinase inhibitor
2028	11	4.530	Hydroxymethylbilane synthase inhibitor
2029	7	5.535	Hydroxymethylglutaryl-CoA lyase inhibitor
2030	5	0.686	Hydroxymethylglutaryl-CoA reductase inhibitor
2031	17	0.571	Hydroxypyruvate reductase inhibitor
2032	9	0.375	Hydroxyquinol 1,2-dioxygenase inhibitor
2033	20	19.718	Hypercalcaemic
2034	11	16.174	Hypercalcemia treatment
2035	10	16.860	Hypercholesterolemic
2036	45	23.462	Hyperglycemic
2037	15	0.133	Hyperparathyroidism treatment
2038	326	14.941	Hypertensive
2039	11	4.397	Hypertensive, ophthalmic
2040	168	26.476	Hyperthermic
2041	470	9.909	Hypnotic
2042	34	14.202	Hypocalcaemic
2043	8	0.019	Hypogonadism treatment
2044	25	22.929	Hypokalemia
2045	1730	9.415	Hypolipemic
2046	3	2.451	Hyponitrite reductase inhibitor
2047	125	12.862	Hypothermic

No.	N	IEP	Activity Name
2048	37	1.395	Hypoxanthine phosphoribosyltransferase inhibitor
2049	18	13.633	Hypoxia inducible factor 1 alpha inhibitor
2050	55	2.950	I kappa B kinase 2 inhibitor
2051	108	3.959	I kappa B kinase inhibitor
2052	38	0.038	I(Ks) voltage-gated potassium channel antagonist
2053	44	0.115	IAP inhibitor
2054	131	2.073	ICAM 1 antagonist
2055	10	0.032	IMP cyclohydrolase inhibitor
2056	3	0.611	Iduronate-2-sulfatase inhibitor
2057	9	3.142	IgA-specific metalloendopeptidase inhibitor
2058	6	3.188	IgA-specific serine endopeptidase inhibitor
2059	39	0.424	Ileal bile acid transport inhibitor
2060	13	1.312	Imidazoleacetate 4-monooxygenase inhibitor
2061	4	0.423	Imidazoleglycerol-phosphate dehydratase inhibitor
2062	3	2.096	Imidazoline I1 receptor agonist
2063	41	0.011	Imidazoline I1 receptor antagonist
2064	140	0.044	Imidazoline I2 receptor antagonist
2065	6	3.418	Imidazoline receptor agonist
2066	148	0.047	Imidazoline receptor antagonist
2067	37	2.245	Immunoglobulin E antagonist
2068	27	2.098	Immunoglobulin Fc receptor antagonist
2069	826	16.321	Immunomodulator
2070	942	8.356	Immunostimulant
2071	1462	13.369	Immunosuppressant
2072	12	0.049	Immunosuppressant Cyclosporine-like
2073	13	8.142	Indanol dehydrogenase inhibitor
2074	11	1.059	Indole-3-acetaldehyde reductase (NADPH) inhibitor
2075	12	8.363	Indoleacetaldoxime dehydratase inhibitor
2076	67	2.039	Indoleamine-pyrrole 2,3-dioxygenase inhibitor
2077	4	3.035	Indolepyruvate C-methyltransferase inhibitor
2078	590	2.234	Inducible nitric oxide synthase inhibitor
2079	692	14.057	Inflammatory Bowel disease treatment
2080	28	5.484	Inorganic diphosphatase inhibitor
2081	4	0.014	Inosine kinase inhibitor
2082	39	0.421	Inosine monophosphate dehydrogenase 1 inhibitor
2083	327	0.107	Inosine monophosphate dehydrogenase 2 inhibitor
2084	450	0.199	Inosine monophosphate dehydrogenase inhibitor
2085	4	1.178	Inosine nucleosidase inhibitor

No.	N	IEP	Activity Name
2086	4	0.003	Inosine-adenosine-guanosine-nucleoside hydrolase inhibitor
2087	9	0.011	Inositol 1,4,5-triphosphate receptor 1 antagonist
2088	9	0.011	Inositol 1,4,5-triphosphate receptor antagonist
2089	34	5.536	Inositol oxygenase inhibitor
2090	22	1.958	Inositol-1(or 4)-monophosphatase inhibitor
2091	20	1.004	Inositol-3-phosphate synthase inhibitor
2092	19	2.111	Inositol-polyphosphate 5-phosphatase inhibitor
2093	5	7.822	Inositol-trisphosphate 3-kinase inhibitor
2094	34	6.121	Inotropic
2095	120	6.037	Insecticide
2096	11	22.444	Insulin and insulin analogs
2097	8	20.947	Insulin growth factor agonist
2098	230	1.669	Insulin growth factor antagonist
2099	8	20.947	Insulin like growth factor 1 agonist
2100	186	2.268	Insulin like growth factor 1 antagonist
2101	44	0.001	Insulin like growth factor 3 antagonist
2102	42	15.436	Insulin promoter
2103	13	18.676	Insulin secretagogues
2104	155	4.113	Insulin sensitizer
2105	6	19.285	Insulinotropin antagonist
2106	12	11.102	Insulysin inhibitor
2107	1203	0.228	Integrin alpha4 antagonist
2108	933	0.307	Integrin alpha4beta1 antagonist
2109	566	0.105	Integrin alpha4beta7 antagonist
2110	52	0.442	Integrin alpha5beta1 antagonist
2111	14	0.007	Integrin alpha5beta6 antagonist
2112	34	0.834	Integrin alphaVbeta3 antagonist
2113	306	0.154	Integrin alphaVbeta5 antagonist
2114	52	0.137	Integrin alphaVbeta6 antagonist
2115	1614	0.531	Integrin antagonist
2116	13	0.001	Integrin-linked kinase inhibitor
2117	114	5.266	Interferon agonist
2118	4	6.319	Interferon alpha agonist
2119	55	3.332	Interferon antagonist
2120	54	3.265	Interferon gamma antagonist
2121	90	3.066	Interferon inducer
2122	286	10.403	Interleukin 1 antagonist
2123	167	1.256	Interleukin 1 beta converting enzyme inhibitor

No.	N	IEP	Activity Name
2124	5	8.002	Interleukin 10 antagonist
2125	171	4.589	Interleukin 1b antagonist
2126	10	24.723	Interleukin 2 agonist
2127	84	5.696	Interleukin 2 antagonist
2128	29	13.412	Interleukin 4 antagonist
2129	22	17.506	Interleukin 5 antagonist
2130	78	14.510	Interleukin 6 antagonist
2131	105	7.966	Interleukin 8 antagonist
2132	23	23.467	Interleukin agonist
2133	484	12.137	Interleukin antagonist
2134	4	1.832	Inulinase inhibitor
2135	21	3.357	Iodide peroxidase inhibitor
2136	10	5.182	Iron antagonist
2137	3	1.814	Iron-cytochrome-c reductase inhibitor
2138	404	10.494	Irritable Bowel syndrome treatment
2139	15	1.135	Isoamylase inhibitor
2140	28	2.997	Isocitrate dehydrogenase (NAD ⁺) inhibitor
2141	25	1.272	Isocitrate dehydrogenase (NADP ⁺) inhibitor
2142	26	2.040	Isocitrate lyase inhibitor
2143	11	0.319	Isoleucyl tRNA synthetase inhibitor
2144	6	0.782	Isomaltulose synthase inhibitor
2145	9	13.998	Isopenicillin-N epimerase inhibitor
2146	8	3.652	Isopenicillin-N synthase inhibitor
2147	22	0.208	Isopentenyl-diphosphate DELTA-isomerase inhibitor
2148	4	1.738	Isoquinoline 1-oxidoreductase inhibitor
2149	6	1.881	Isovaleryl-CoA dehydrogenase inhibitor
2150	47	6.044	JNK mitogen-activated protein kinase inhibitor
2151	93	2.610	Janus tyrosine kinase 2 inhibitor
2152	203	1.265	Janus tyrosine kinase 3 inhibitor
2153	319	1.963	Janus tyrosine kinase inhibitor
2154	86	0.095	Juvenile-hormone esterase inhibitor
2155	142	0.155	Kainate receptor 1 antagonist
2156	11	0.963	Kainate receptor 2 antagonist
2157	8	0.001	Kainate receptor 3 antagonist
2158	5	2.875	Kainate receptor 4 antagonist
2159	24	0.067	Kainate receptor 5 antagonist
2160	13	1.590	Kainate receptor agonist
2161	236	0.736	Kainate receptor antagonist

No.	N	IEP	Activity Name
2162	3	0.499	Kallikrein 13 inhibitor
2163	22	3.885	Kallikrein 3 inhibitor
2164	61	2.683	Kallikrein inhibitor
2165	3	0.010	Kanamycin kinase inhibitor
2166	7	0.151	Keratan sulfotransferase inhibitor
2167	31	6.262	Keratolytic
2168	56	6.958	Keratoses actinic (solar) treatment
2169	14	0.893	Ketohexokinase inhibitor
2170	10	8.790	Ketol-acid reductoisomerase inhibitor
2171	5	0.021	Ketosteroid monooxygenase inhibitor
2172	16	2.306	Kexin inhibitor
2173	13	23.620	Kinase inhibitor
2174	478	0.946	Kinesin antagonist
2175	478	0.946	Kinesin-like spindle protein (Eg5) antagonist
2176	42	1.552	Kynureninase inhibitor
2177	45	0.053	Kynurenine 3 monooxygenase inhibitor
2178	16	0.004	L lactate dehydrogenase A inhibitor
2179	15	0.004	L lactate dehydrogenase A4 inhibitor
2180	6	0.008	L lactate dehydrogenase B inhibitor
2181	6	0.008	L lactate dehydrogenase B4 inhibitor
2182	16	0.003	L lactate dehydrogenase C inhibitor
2183	16	0.003	L lactate dehydrogenase C4 inhibitor
2184	32	3.812	L lactate dehydrogenase inhibitor
2185	5	22.565	L lactate dehydrogenase stimulant
2186	7	0.070	L(+)-Tartrate dehydratase inhibitor
2187	10	0.606	L-3-cyanoalanine synthase inhibitor
2188	14	0.742	L-Serine ammonia-lyase inhibitor
2189	20	3.587	L-amino-acid oxidase inhibitor
2190	9	0.727	L-aminoadipate-semialdehyde dehydrogenase inhibitor
2191	16	1.779	L-ascorbate peroxidase inhibitor
2192	7	0.507	L-fuconate dehydratase inhibitor
2193	8	1.211	L-galactonolactone oxidase inhibitor
2194	17	5.231	L-glucuronate reductase inhibitor
2195	3	4.991	L-glutamate oxidase inhibitor
2196	100	2.576	L-iditol 2-dehydrogenase inhibitor
2197	5	1.388	L-iduronidase inhibitor
2198	6	0.273	L-lactate dehydrogenase (cytochrome) inhibitor
2199	6	1.253	L-lysine 6-transaminase inhibitor

No.	N	IEP	Activity Name
2200	4	1.032	L-lysine oxidase inhibitor
2201	10	12.652	L-threonine 3-dehydrogenase inhibitor
2202	168	0.274	LFA antagonist
2203	166	0.063	LFA-1 antagonist
2204	19	4.944	Laccase inhibitor
2205	6	0.250	Lactaldehyde dehydrogenase inhibitor
2206	4	1.262	Lactaldehyde reductase (NADPH) inhibitor
2207	4	1.720	Lactaldehyde reductase inhibitor
2208	7	0.683	Lactamase A inhibitor
2209	5	4.161	Lactamase C inhibitor
2210	3	15.202	Lactase inhibitor
2211	13	7.565	Lactate 2-monooxygenase inhibitor
2212	5	0.632	Lactate-malate transhydrogenase inhibitor
2213	14	11.713	Lactose synthase inhibitor
2214	20	2.856	Lactosylceramide alpha-2,3-sialyltransferase inhibitor
2215	89	2.330	Lactoylglutathione lyase inhibitor
2216	9	3.298	Laminaribiose phosphorylase inhibitor
2217	68	6.103	Lanosterol 14 alpha demethylase inhibitor
2218	3	1.328	Lathosterol oxidase inhibitor
2219	47	5.987	Laxative
2220	522	1.911	Lck kinase inhibitor
2221	6	14.053	Leishmanolysin inhibitor
2222	5	9.206	Leucine dehydrogenase inhibitor
2223	5	0.943	Leucine transaminase inhibitor
2224	25	4.664	Leucine-tRNA ligase inhibitor
2225	6	2.285	Leucolysin inhibitor
2226	14	1.675	Leucyltransferase inhibitor
2227	23	16.703	Leukopoiesis inhibitor
2228	9	18.666	Leukopoiesis stimulant
2229	163	0.626	Leukotriene A4 hydrolase inhibitor
2230	462	1.822	Leukotriene B4 antagonist
2231	348	0.128	Leukotriene B4 receptor 1 antagonist
2232	34	0.001	Leukotriene B4 receptor 2 antagonist
2233	18	20.981	Leukotriene C antagonist
2234	7	24.425	Leukotriene C4 antagonist
2235	447	1.022	Leukotriene D4 antagonist
2236	42	3.421	Leukotriene E4 antagonist
2237	6	7.065	Leukotriene agonist

No.	N	IEP	Activity Name
2238	1033	2.766	Leukotriene antagonist
2239	165	4.901	Leukotriene synthesis inhibitor
2240	5	5.646	Leukotriene-B4 20-monoxygenase inhibitor
2241	9	13.524	Leukotriene-C4 synthase inhibitor
2242	9	4.820	Levanase inhibitor
2243	5	5.966	Levansucrase inhibitor
2244	6	2.799	Licheninase inhibitor
2245	3	6.418	Ligase inhibitor
2246	4	17.899	Limulus clotting factor B inhibitor
2247	4	5.718	Limulus clotting factor C inhibitor
2248	15	12.577	Linoleate diol synthase inhibitor
2249	22	0.634	Linoleate isomerase inhibitor
2250	6	4.847	Linoleoyl-CoA desaturase inhibitor
2251	177	1.229	Lipase inhibitor
2252	132	13.343	Lipid metabolism regulator
2253	232	10.443	Lipid peroxidase inhibitor
2254	78	3.602	Lipocortins synthesis agonist
2255	11	4.604	Lipocortins synthesis antagonist
2256	5	20.560	Lipolytic
2257	1481	2.015	Lipoprotein disorders treatment
2258	18	13.098	Lipoprotein lipase inhibitor
2259	23	12.534	Lipoprotein lipase stimulant
2260	15	2.506	Lipotropic
2261	1738	3.105	Lipoxygenase inhibitor
2262	11	7.886	Lipoxygenase substrate
2263	33	2.347	Liver X receptor agonist
2264	20	3.169	Liver X receptor alpha agonist
2265	12	7.072	Liver X receptor beta agonist
2266	121	7.862	Liver fibrosis treatment
2267	6	1.953	Lombricine kinase inhibitor
2268	6	0.782	Long-chain-acyl-CoA dehydrogenase inhibitor
2269	4	3.891	Long-chain-aldehyde dehydrogenase inhibitor
2270	23	1.012	Long-chain-fatty-acid-CoA ligase inhibitor
2271	5	9.359	Loop diuretic
2272	13	4.701	Luteinizing hormone-releasing hormone agonist
2273	1087	1.229	Luteinizing hormone-releasing hormone antagonist
2274	4	0.012	Luteolytic
2275	35	9.192	Lymphocyte kinase inhibitor

No.	N	IEP	Activity Name
2276	10	5.109	Lymphocytopoiesis inhibitor
2277	10	17.419	Lysase inhibitor
2278	5	13.816	Lysine 2,3-aminomutase inhibitor
2279	19	3.535	Lysine 2-monooxygenase inhibitor
2280	3	1.303	Lysine 6-dehydrogenase inhibitor
2281	22	0.497	Lysine carboxypeptidase inhibitor
2282	10	1.344	Lysine decarboxylase inhibitor
2283	16	0.425	Lysine-tRNA ligase inhibitor
2284	5	0.031	Lysophosphatidic acid receptor 3 agonist
2285	5	0.031	Lysophosphatidic acid receptor agonist
2286	8	4.639	Lysosomal Pro-X carboxypeptidase inhibitor
2287	3	3.781	Lysostaphin inhibitor
2288	13	2.053	Lysozyme inhibitor
2289	16	2.281	Lysyl endopeptidase inhibitor
2290	4	0.046	M7G(5')pppN diphosphatase inhibitor
2291	298	1.708	MAO A inhibitor
2292	302	0.778	MAO B inhibitor
2293	691	3.405	MAO inhibitor
2294	16	9.949	MAO-A substrate
2295	8	0.135	MAO-B substrate
2296	107	0.552	MAP kinase 10 inhibitor
2297	514	0.379	MAP kinase 14 inhibitor
2298	54	1.510	MAP kinase 9 inhibitor
2299	1062	2.431	MAP kinase inhibitor
2300	11	1.703	MAP kinase kinase 1 inhibitor
2301	16	0.001	MAP kinase kinase 4 inhibitor
2302	17	1.308	MAP kinase kinase 7 inhibitor
2303	303	1.083	MAP kinase kinase inhibitor
2304	17	0.228	MAP kinase kinase kinase inhibitor
2305	75	1.464	MAP-kinase-activated kinase 2 inhibitor
2306	80	2.447	MAP-kinase-activated kinase inhibitor
2307	5	0.007	MAP3K11 inhibitor
2308	9	0.188	MAP3K8 inhibitor
2309	8	0.006	MAP3K9 inhibitor
2310	66	1.320	MDM2 inhibitor
2311	134	1.530	MEK inhibitor
2312	45	2.728	MEK1 inhibitor
2313	23	1.194	MEK2 inhibitor

No.	N	IEP	Activity Name
2314	14	6.710	MO15-related protein kinase Pfmrk inhibitor
2315	9	0.026	Macrocin O-methyltransferase inhibitor
2316	4	20.180	Macrophage colony stimulating factor agonist
2317	82	1.479	Macrophage colony stimulating factor antagonist
2318	136	0.315	Macrophage elastase inhibitor
2319	68	0.357	Macrophage migration inhibitory factor inhibitor
2320	7	0.028	Macrophage scavenger receptor antagonist
2321	5	3.907	Macrophage stimulant
2322	11	2.534	Magnesium-protoporphyrin IX methyltransferase inhibitor
2323	11	3.366	Magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase inhibitor
2324	6	0.148	Magnolysin inhibitor
2325	33	12.714	Maillard reaction inhibitor
2326	9	0.930	Malate dehydrogenase (NADP+) inhibitor
2327	12	14.860	Malate dehydrogenase (acceptor) inhibitor
2328	20	0.709	Malate dehydrogenase (decarboxylating) inhibitor
2329	21	0.752	Malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+) inhibitor
2330	16	1.955	Malate dehydrogenase (oxaloacetate-decarboxylating) inhibitor
2331	65	5.351	Malate dehydrogenase inhibitor
2332	5	12.361	Malate oxidase inhibitor
2333	18	1.146	Malate synthase inhibitor
2334	5	1.759	Malate-CoA ligase inhibitor
2335	335	7.792	Male reproductive dysfunction treatment
2336	11	0.633	Maleate hydratase inhibitor
2337	6	5.729	Maleate isomerase inhibitor
2338	4	0.015	Maleylacetate reductase inhibitor
2339	6	0.566	Maleylacetoacetate isomerase inhibitor
2340	3	0.699	Malonate-semialdehyde dehydrogenase inhibitor
2341	16	1.049	Malonyl-CoA decarboxylase inhibitor
2342	4	2.460	Maltose-transporting ATPase inhibitor
2343	6	2.129	Malyl-CoA lyase inhibitor
2344	11	4.804	Mandelate 4-monooxygenase inhibitor
2345	27	0.551	Mandelate racemase inhibitor
2346	6	9.874	Manganese peroxidase inhibitor
2347	3	6.772	Mannan endo-1,4-beta-mannosidase inhibitor
2348	4	1.254	Mannan endo-1,6-alpha-mannosidase inhibitor
2349	5	0.030	Mannitol 2-dehydrogenase inhibitor
2350	3	1.953	Mannitol-1-phosphatase inhibitor
2351	18	1.232	Mannitol-1-phosphate 5-dehydrogenase inhibitor

No.	N	IEP	Activity Name
2352	9	0.085	Mannokinase inhibitor
2353	9	1.124	Mannonate dehydratase inhibitor
2354	6	7.829	Mannose isomerase inhibitor
2355	4	0.013	Mannose-1-phosphate guanylyltransferase inhibitor
2356	18	0.537	Mannose-6-phosphate isomerase inhibitor
2357	53	1.831	Mannosidase inhibitor
2358	9	1.999	Mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase inhibitor
2359	17	0.378	Mannosyl-oligosaccharide 1,2-alpha-mannosidase inhibitor
2360	18	0.418	Mannosyl-oligosaccharide glucosidase inhibitor
2361	4	10.800	Mannotetraose 2-alpha-N-acetylglucosaminyltransferase inhibitor
2362	183	1.048	Matrilysin inhibitor
2363	5	0.023	Matriptase inhibitor
2364	86	1.889	Matrix metalloproteinase (membrane-type) inhibitor
2365	86	1.889	Matrix metalloproteinase 1 (membrane-type) inhibitor
2366	1119	0.632	Matrix metalloproteinase 1 inhibitor
2367	3	1.149	Matrix metalloproteinase 2 (membrane-type) inhibitor
2368	7	1.118	Matrix metalloproteinase 3 (membrane-type) inhibitor
2369	1405	1.259	Matrix metalloproteinase inhibitor
2370	143	12.083	Mediator release inhibitor
2371	8	20.054	Melanin inhibitor
2372	475	1.053	Melanin-concentrating hormone receptor 1 antagonist
2373	475	1.053	Melanin-concentrating hormone receptor antagonist
2374	7	0.024	Melanocortin MC-1 agonist
2375	71	0.340	Melanocortin MC-1 antagonist
2376	6	0.026	Melanocortin MC-4 agonist
2377	166	0.183	Melanocortin MC-4 antagonist
2378	9	0.067	Melanocortin agonist
2379	220	1.105	Melanocortin antagonist
2380	7	0.137	Melatonin 1 agonist
2381	475	0.208	Melatonin 1 antagonist
2382	330	0.068	Melatonin 1a antagonist
2383	3	0.070	Melatonin 1b antagonist
2384	5	0.013	Melatonin 2 agonist
2385	228	0.093	Melatonin 2 antagonist
2386	99	0.152	Melatonin 3 antagonist
2387	68	0.066	Melatonin 5 antagonist
2388	79	0.614	Melatonin agonist
2389	737	0.279	Melatonin antagonist

No.	N	IEP	Activity Name
2390	44	4.966	Membrane dipeptidase inhibitor
2391	16	17.475	Membrane integrity agonist
2392	63	16.473	Membrane integrity antagonist
2393	38	15.620	Membrane permeability enhancer
2394	42	20.029	Membrane permeability inhibitor
2395	6	0.157	Membrane-oligosaccharide glycerophosphotransferase inhibitor
2396	69	15.426	Menopausal disorders treatment
2397	85	14.390	Menstruation disorders treatment
2398	13	3.536	Meprin A inhibitor
2399	3	2.535	Meprin B inhibitor
2400	73	16.689	Metabolic disease treatment
2401	7	5.341	Metalloprotease D inhibitor
2402	2003	1.145	Metalloproteinase inhibitor
2403	31	1.892	Metalloproteinase-11 inhibitor
2404	1170	0.923	Metalloproteinase-2 inhibitor
2405	966	0.742	Metalloproteinase-3 inhibitor
2406	1232	0.722	Metalloproteinase-9 inhibitor
2407	13	10.663	Methane monooxygenase inhibitor
2408	3	2.038	Methanol dehydrogenase inhibitor
2409	7	1.049	Methylenetetrahydrofolate cyclohydrolase inhibitor
2410	27	1.091	Methionine adenosyltransferase inhibitor
2411	6	1.245	Methionine decarboxylase inhibitor
2412	119	0.924	Methionine-tRNA ligase inhibitor
2413	62	1.656	Methionyl aminopeptidase 1 inhibitor
2414	97	0.222	Methionyl aminopeptidase 2 inhibitor
2415	166	1.537	Methionyl aminopeptidase inhibitor
2416	7	0.029	Methionyl-tRNA formyltransferase inhibitor
2417	3	5.461	Methylamine-glutamate N-methyltransferase inhibitor
2418	8	1.960	Methylaspartate ammonia-lyase inhibitor
2419	8	0.129	Methylaspartate mutase inhibitor
2420	11	1.640	Methylcrotonoyl-CoA carboxylase inhibitor
2421	10	1.631	Methylenetetrahydrofolate dehydrogenase (NADP+) inhibitor
2422	10	10.118	Methylenetetrahydrofolate reductase (NADPH) inhibitor
2423	7	1.783	Methylglutamate dehydrogenase inhibitor
2424	15	0.270	Methylglyoxal synthase inhibitor
2425	7	0.054	Methylmalonyl-CoA carboxytransferase inhibitor
2426	7	1.330	Methylmalonyl-CoA decarboxylase inhibitor
2427	9	0.161	Methylmalonyl-CoA epimerase inhibitor

No.	N	IEP	Activity Name
2428	11	1.220	Methylmalonyl-CoA mutase inhibitor
2429	16	0.826	Methylthioadenosine nucleosidase inhibitor
2430	7	14.218	Methylumbelliferyl-acetate deacetylase inhibitor
2431	11	2.341	Mevalonate kinase inhibitor
2432	498	0.290	Microbial collagenase inhibitor
2433	86	1.291	Microsomal triglyceride transfer protein inhibitor
2434	347	5.966	Microtubule formation inhibitor
2435	12	12.765	Microtubule formation stimulant
2436	502	0.787	Microtubule stabilization
2437	16	0.033	Mineralocorticoid
2438	86	0.903	Mineralocorticoid antagonist
2439	42	9.271	Miotic
2440	4	10.371	Mitochondrial electron transport inhibitor
2441	6	3.154	Mitochondrial intermediate peptidase inhibitor
2442	6	17.998	Mitochondrial processing peptidase inhibitor
2443	24	7.993	Monoamine oxidase substrate
2444	39	9.283	Monoamine uptake inhibitor
2445	18	8.766	Monodehydroascorbate reductase (NADH) inhibitor
2446	44	5.974	Monophenol monooxygenase inhibitor
2447	2576	10.524	Mood disorders treatment
2448	13	4.954	Morphine 6-dehydrogenase inhibitor
2449	27	3.387	Motilin receptor agonist
2450	20	0.018	Motilin receptor antagonist
2451	5	18.080	Mucinamylserine mucinamidase inhibitor
2452	104	7.616	Mucolytic
2453	36	19.003	Mucomembranous protector
2454	4	0.338	Muconate cycloisomerase inhibitor
2455	5	4.451	Mucorpepsin inhibitor
2456	7	23.530	Mucositis treatment
2457	119	0.367	Multidrug resistance-associated protein 1 inhibitor
2458	120	0.507	Multidrug resistance-associated protein inhibitor
2459	5	0.036	Multiple inositol-polyphosphate phosphatase inhibitor
2460	404	13.357	Multiple sclerosis treatment
2461	5	8.164	Muramoyltetrapeptide carboxypeptidase inhibitor
2462	456	7.734	Muscle relaxant
2463	40	6.818	Muscular dystrophy treatment
2464	813	3.402	Mutagenic
2465	618	3.067	Mutagenic, Salmonella

No.	N	IEP	Activity Name
2466	9	13.610	Myc inhibitor
2467	6	0.719	Mycodextranase inhibitor
2468	3	0.397	Mycolysin inhibitor
2469	3	12.901	Mycothiol-S-conjugate amidase inhibitor
2470	4	2.007	Myeloblastin inhibitor
2471	147	4.744	Myocardial infarction treatment
2472	174	14.774	Myocardial ischemia treatment
2473	11	13.400	Myosin ATPase inhibitor
2474	6	3.124	Myosin-light-chain-phosphatase inhibitor
2475	3	0.000	Myristoyl transferase 1 inhibitor
2476	80	0.002	Myristoyl transferase inhibitor
2477	11	2.054	Myt1 kinase inhibitor
2478	8	2.275	N-(5-amino-5-carboxypentanoyl)-L-cysteinyl-D-valine synthase inhibitor
2479	7	3.454	N-(long-chain-acyl)ethanolamine deacylase inhibitor
2480	79	0.113	N-Acetylated alpha-linked acidic dipeptidase inhibitor
2481	4	1.614	N-Acyl-D-amino-acid deacylase inhibitor
2482	3	2.021	N-Acyl-D-aspartate deacylase inhibitor
2483	5	1.834	N-Carbamoyl-D-amino acid hydrolase inhibitor
2484	3	1.342	N-acetyl-gamma-glutamyl-phosphate reductase inhibitor
2485	3	0.019	N-acetylgalactosamine-4-sulfatase inhibitor
2486	15	1.044	N-acetylglucosamine kinase inhibitor
2487	10	0.919	N-acetylglucosamine-6-phosphate deacetylase inhibitor
2488	6	0.331	N-acetylglucosaminyldiphosphodolichol N-acetylglucosaminyltransferase inhibitor
2489	3	7.004	N-acetylglucosaminyldiphosphoundecaprenol N-acetyl-beta-D-mannosaminyltransferase inhibitor
2490	6	4.459	N-acetylglucosamine synthase inhibitor
2491	5	4.042	N-acetylglucosaminide beta-1,3-N-acetylglucosaminyltransferase inhibitor
2492	7	0.459	N-acetylglucosaminide beta-1,6-N-acetylglucosaminyl-transferase inhibitor
2493	12	0.837	N-acetylmuramoyl-L-alanine amidase inhibitor
2494	3	2.964	N-acetylneuraminate 4-O-acetyltransferase inhibitor
2495	6	19.579	N-acetylneuraminate 7-O(or 9-O)-acetyltransferase inhibitor
2496	14	0.976	N-acetylneuraminate lyase inhibitor
2497	4	1.285	N-acetylneuraminate synthase inhibitor
2498	5	12.540	N-acylmannosamine kinase inhibitor
2499	15	1.005	N-acylneuraminate cytidyltransferase inhibitor
2500	6	12.756	N-benzyloxycarbonylglycine hydrolase inhibitor
2501	10	1.997	N-carbamoyl-L-amino-acid hydrolase inhibitor
2502	16	0.869	N-formylglutamate deformylase inhibitor
2503	3	3.924	N-formylmethionyl-peptidase inhibitor

No.	N	IEP	Activity Name
2504	3	2.469	N-hydroxy-2-acetamidofluorene reductase inhibitor
2505	11	16.559	N-hydroxyarylamine O-acetyltransferase inhibitor
2506	9	3.517	N-methyl-2-oxoglutaramate hydrolase inhibitor
2507	5	3.790	N-methylhydantoinase (ATP-hydrolysing) inhibitor
2508	10	2.187	N4-(beta-N-acetylglucosaminy)-L-asparaginase inhibitor
2509	4	2.123	N6-methyl-lysine oxidase inhibitor
2510	32	2.716	NAD(P)+ transhydrogenase (AB-specific) inhibitor
2511	11	4.479	NAD(P)+ transhydrogenase (B-specific) inhibitor
2512	11	15.040	NAD(P)+-arginine ADP-ribosyltransferase inhibitor
2513	83	1.943	NAD(P)H dehydrogenase (quinone) inhibitor
2514	11	1.112	NAD+ diphosphatase inhibitor
2515	20	3.835	NAD+ kinase inhibitor
2516	22	0.693	NAD+ nucleosidase inhibitor
2517	4	2.335	NAD+ synthase (glutamine-hydrolysing) inhibitor
2518	3	0.695	NAD+-dinitrogen-reductase ADP-D-ribosyltransferase inhibitor
2519	17	4.951	NADH dehydrogenase inhibitor
2520	3	3.062	NADH kinase inhibitor
2521	18	0.007	NADH oxidase inhibitor
2522	5	20.388	NADH peroxidase inhibitor
2523	13	8.281	NADPH oxidase inhibitor
2524	19	1.376	NADPH oxidoreductase inhibitor
2525	4	10.899	NADPH peroxidase inhibitor
2526	3	14.186	NADPH-cytochrome-c2 reductase inhibitor
2527	10	13.892	NADPH-ferrihemoprotein reductase inhibitor
2528	17	3.115	NADPH:quinone reductase inhibitor
2529	13	0.352	NAT1 substrate
2530	24	6.185	NAT2 substrate
2531	663	0.554	NMDA 2 receptor antagonist
2532	565	0.557	NMDA 2A receptor antagonist
2533	117	0.257	NMDA 2B receptor antagonist
2534	33	4.718	NMDA receptor agonist
2535	1799	1.839	NMDA receptor antagonist
2536	3	0.015	NMDA receptor glutamate site antagonist
2537	6	3.335	NMDA receptor glycine site agonist
2538	529	0.207	NMDA receptor glycine site antagonist
2539	185	0.158	NMDA receptor phencyclidine site antagonist
2540	3	0.083	NMDA receptor polyamine site agonist
2541	5	6.585	NMDA receptor polyamine site antagonist

No.	N	IEP	Activity Name
2542	17	0.836	NMN nucleosidase inhibitor
2543	12	10.415	NOS2 expression inhibitor
2544	3	0.054	NTPase/helicase (JEV) inhibitor
2545	9	0.014	NTPase/helicase (WNF) inhibitor
2546	139	1.023	Na+ K+ transporting ATPase inhibitor
2547	7	17.581	Na+-transporting two-sector ATPase inhibitor
2548	3	3.924	Naphthalene 1,2-dioxygenase inhibitor
2549	103	5.748	Narcotic
2550	59	6.711	Narcotic antagonist
2551	8	7.809	Nardilysin inhibitor
2552	112	2.164	Nav1.1 sodium channel antagonist
2553	29	0.181	Nav1.2 sodium channel antagonist
2554	15	0.002	Nav1.4 sodium channel antagonist
2555	7	0.533	Nav1.5 sodium channel antagonist
2556	6	0.993	Neolactotetraosylceramide alpha-2,3-sialyltransferase inhibitor
2557	403	15.886	Nephrotoxic
2558	22	22.445	Nerve growth factor agonist
2559	31	0.188	Nerve growth factor antagonist
2560	168	0.006	Neuraminidase (Influenza A) inhibitor
2561	65	0.033	Neuraminidase (Influenza B) inhibitor
2562	198	0.256	Neuraminidase (influenza) inhibitor
2563	202	0.404	Neuraminidase inhibitor
2564	206	5.282	Neurodegenerative diseases treatment
2565	1114	0.495	Neurokinin 1 antagonist
2566	565	0.653	Neurokinin 2 antagonist
2567	194	0.900	Neurokinin 3 antagonist
2568	4	15.688	Neurokinin agonist
2569	1573	0.577	Neurokinin antagonist
2570	23	2.030	Neurolysin inhibitor
2571	22	1.942	Neuronal nicotinic receptor agonist
2572	572	0.485	Neuronal nicotinic receptor antagonist
2573	331	0.588	Neuronal nitric oxide synthase inhibitor
2574	13	0.086	Neuropeptide FF antagonist
2575	11	0.003	Neuropeptide FF1 antagonist
2576	1047	1.502	Neuropeptide Y antagonist
2577	310	0.980	Neuropeptide Y1 antagonist
2578	19	5.210	Neuropeptide Y2 antagonist
2579	3	0.000	Neuropeptide Y4 antagonist

No.	N	IEP	Activity Name
2580	713	0.661	Neuropeptide Y5 antagonist
2581	3	16.076	Neuropeptide agonist
2582	1060	1.403	Neuropeptide antagonist
2583	413	27.037	Neuroprotector
2584	5	1.504	Neuropsin inhibitor
2585	33	2.172	Neurotensin 1 receptor antagonist
2586	16	0.002	Neurotensin 2 receptor antagonist
2587	15	0.001	Neurotensin 3 receptor antagonist
2588	60	1.110	Neurotensin receptor antagonist
2589	158	26.398	Neurotoxic
2590	7	22.570	Neurotransmitter agonist
2591	9	18.125	Neurotransmitter antagonist
2592	3	10.003	Neurotransmitter uptake inhibitor
2593	75	18.609	Neurotrophic factor
2594	24	22.105	Neurotrophic factor enhancer
2595	533	0.403	Neutral endopeptidase inhibitor
2596	15	0.076	Neutropenia treatment
2597	551	0.701	Neutrophil collagenase inhibitor
2598	23	0.000	Neutrophil fMLF receptor antagonist
2599	24	2.010	Nicotinamidase inhibitor
2600	16	1.174	Nicotinamide phosphoribosyltransferase inhibitor
2601	8	1.057	Nicotinamide-nucleotide adenylyltransferase inhibitor
2602	6	0.008	Nicotinamide-nucleotide amidase inhibitor
2603	6	14.691	Nicotinate dehydrogenase inhibitor
2604	18	0.688	Nicotinate phosphoribosyltransferase inhibitor
2605	33	0.864	Nicotinate-nucleotide diphosphorylase (carboxylating) inhibitor
2606	6	19.234	Nicotine dehydrogenase inhibitor
2607	11	13.620	Nitrate reductase (cytochrome) inhibitor
2608	31	6.604	Nitrate reductase inhibitor
2609	68	7.125	Nitric oxide antagonist
2610	165	1.204	Nitric oxide donor
2611	1303	2.535	Nitric oxide synthase inhibitor
2612	9	21.036	Nitric-oxide reductase inhibitor
2613	18	2.047	Nitrilase inhibitor
2614	22	1.702	Nitrile hydratase inhibitor
2615	3	5.722	Nitrite reductase (NO-forming) inhibitor
2616	18	13.025	Nitrite reductase [NAD(P)H] inhibitor
2617	4	20.859	Nitrous-oxide reductase inhibitor

No.	N	IEP	Activity Name
2618	12	0.004	Nociceptin (N/OFQ) receptor agonist
2619	128	0.337	Nociceptin (N/OFQ) receptor antagonist
2620	450	8.801	Non mutagenic, Salmonella
2621	914	6.719	Non-steroidal antiinflammatory agent
2622	830	23.238	Nootropic
2623	19	1.152	Nuclease inhibitor
2624	8	0.279	Nucleoside deoxyribosyltransferase inhibitor
2625	6	4.049	Nucleoside oxidase (H ₂ O ₂ -forming) inhibitor
2626	4	1.704	Nucleoside phosphoacylhydrolase inhibitor
2627	10	3.770	Nucleoside-diphosphatase inhibitor
2628	7	0.012	Nucleoside-triphosphate diphosphatase inhibitor
2629	7	1.909	Nucleoside-triphosphate-adenylate kinase inhibitor
2630	6	6.361	Nucleotidase inhibitor
2631	39	2.578	Nucleotide diphosphatase inhibitor
2632	138	14.390	Nucleotide metabolism regulator
2633	15	0.498	Nucleotidyltransferase (FIV) inhibitor
2634	18	0.251	Nucleotidyltransferase inhibitor
2635	15	2.795	O-acetylhomoserine aminocarboxypropyltransferase inhibitor
2636	12	9.430	O-aminophenol oxidase inhibitor
2637	81	0.013	O ⁶ -alkylguanine-DNA alkyltransferase inhibitor
2638	9	12.799	Obsessive-compulsive disorder treatment
2639	6	0.866	Octadecanal decarboxylase inhibitor
2640	67	0.089	Octopamine agonist
2641	5	20.086	Octopamine antagonist
2642	50	0.017	Oleamide hydrolase inhibitor
2643	23	1.053	Oligo-1,6-glucosidase inhibitor
2644	10	0.866	Oligonucleotidase inhibitor
2645	7	3.748	Oligopeptidase B inhibitor
2646	8	1.422	Omega-amidase inhibitor
2647	4	14.334	Omp _{tin} inhibitor
2648	3	2.615	Opheline kinase inhibitor
2649	878	14.802	Ophthalmic drug
2650	4	2.856	Opine dehydrogenase inhibitor
2651	396	2.338	Opioid agonist
2652	2005	1.096	Opioid antagonist
2653	11	4.774	Opioid delta 1 receptor antagonist
2654	12	0.100	Opioid delta 2 receptor antagonist
2655	140	1.046	Opioid delta receptor agonist

No.	N	IEP	Activity Name
2656	1387	0.568	Opioid delta receptor antagonist
2657	18	16.154	Opioid dependency treatment
2658	90	0.892	Opioid kappa 1 receptor antagonist
2659	14	0.002	Opioid kappa 2 receptor antagonist
2660	14	0.002	Opioid kappa 2b receptor antagonist
2661	6	5.967	Opioid kappa 3 receptor antagonist
2662	114	1.940	Opioid kappa receptor agonist
2663	1141	0.677	Opioid kappa receptor antagonist
2664	21	2.189	Opioid mu 1 receptor antagonist
2665	21	2.189	Opioid mu 2 receptor antagonist
2666	125	3.146	Opioid mu receptor agonist
2667	1583	0.663	Opioid mu receptor antagonist
2668	8	0.343	Opioid partial agonist
2669	7	0.110	Orcinol 2-monooxygenase inhibitor
2670	182	0.063	Orexin receptor 1 antagonist
2671	77	0.624	Orexin receptor 2 antagonist
2672	323	0.070	Orexin receptor antagonist
2673	40	1.382	Ornithine carbamoyltransferase inhibitor
2674	3	1.706	Ornithine cyclodeaminase inhibitor
2675	85	3.988	Ornithine decarboxylase inhibitor
2676	39	4.496	Ornithine-oxo-acid transaminase inhibitor
2677	36	0.797	Orotate phosphoribosyltransferase inhibitor
2678	8	1.890	Orotate reductase (NADH) inhibitor
2679	5	0.365	Orotate reductase (NADPH) inhibitor
2680	5	0.006	Orsellinate decarboxylase inhibitor
2681	10	8.906	Oryzin inhibitor
2682	6	0.214	Osmotic diuretic
2683	110	3.883	Osteoarthritis treatment
2684	19	8.157	Osteoclast antagonist
2685	16	13.738	Ovulation inhibitor
2686	13	5.705	Oxalate oxidase inhibitor
2687	15	1.140	Oxaloacetate decarboxylase inhibitor
2688	15	0.544	Oxaloacetate tautomerase inhibitor
2689	17	5.775	Oxidizing agent
2690	80	17.749	Oxidoreductase inhibitor
2691	18	1.759	Oxoglutarate dehydrogenase (lipoamide) inhibitor
2692	14	18.533	Oxygen scavenger
2693	26	4.544	Oxytocic

No.	N	IEP	Activity Name
2694	495	1.543	Oxytocin antagonist
2695	8	15.492	P-benzoquinone reductase (NADPH) inhibitor
2696	292	2.371	P-glycoprotein 1 inhibitor
2697	426	3.758	P-glycoprotein inhibitor
2698	59	15.496	P-glycoprotein substrate
2699	11	0.000	P2 nucleoside transporter inhibitor
2700	35	0.008	P3 purinoceptor-like protein antagonist
2701	26	0.312	PRL phosphatase inhibitor
2702	16	9.537	Paget's disease treatment
2703	44	2.985	Palmitoyl-CoA hydrolase inhibitor
2704	139	8.157	Pancreatic disorders treatment
2705	6	1.418	Pancreatic endopeptidase E inhibitor
2706	10	9.551	Pancreatic ribonuclease inhibitor
2707	9	3.474	Pantetheine-phosphate adenylyltransferase inhibitor
2708	3	0.787	Pantoate 4-dehydrogenase inhibitor
2709	25	3.628	Pantoate-beta-alanine ligase inhibitor
2710	11	6.323	Pantothenase inhibitor
2711	18	0.208	Pantothenate kinase inhibitor
2712	4	3.768	Pappalysin-1 inhibitor
2713	8	0.439	Para amino benzoic acid antagonist
2714	5	16.946	Paraoxonase substrate
2715	9	9.668	Parathyroid hormone antagonist
2716	11	2.300	Pectate lyase inhibitor
2717	11	1.715	Pectin lyase inhibitor
2718	8	6.914	Pediculicide
2719	10	4.802	Penicillin amidase inhibitor
2720	15	3.606	Penicillopepsin inhibitor
2721	35	0.074	Pepsin inhibitor
2722	6	7.680	Peptide alpha-N-acetyltransferase inhibitor
2723	134	1.041	Peptide deformylase inhibitor
2724	6	10.946	Peptide-N4-(N-acetyl-beta-glucosaminy)asparagine amidase inhibitor
2725	9	2.208	Peptide-tryptophan 2,3-dioxygenase inhibitor
2726	3	0.892	Peptidoglycan beta-N-acetylmuramidase inhibitor
2727	4	10.033	Peptidoglycan glycosyltransferase inhibitor
2728	22	6.063	Peptidyl-Lys metalloendopeptidase inhibitor
2729	7	14.943	Peptidyl-dipeptidase B inhibitor
2730	6	8.279	Peptidyl-dipeptidase Dcp inhibitor
2731	11	3.242	Peptidyl-glycinamidase inhibitor

No.	N	IEP	Activity Name
2732	5	1.457	Peptidylamidoglycolate lyase inhibitor
2733	38	1.845	Peptidylglycine monooxygenase inhibitor
2734	256	1.084	Peptidylprolyl isomerase inhibitor
2735	20	11.445	Peptidyltransferase inhibitor
2736	187	5.092	Peristaltic stimulant
2737	15	7.636	Peroxidase inhibitor
2738	6	2.641	Peroxidase substrate
2739	1588	0.958	Peroxisome proliferator-activated receptor agonist
2740	945	0.597	Peroxisome proliferator-activated receptor alpha agonist
2741	141	0.656	Peroxisome proliferator-activated receptor alpha antagonist
2742	365	0.353	Peroxisome proliferator-activated receptor antagonist
2743	386	0.149	Peroxisome proliferator-activated receptor delta agonist
2744	79	0.092	Peroxisome proliferator-activated receptor delta antagonist
2745	884	1.161	Peroxisome proliferator-activated receptor gamma agonist
2746	355	0.360	Peroxisome proliferator-activated receptor gamma antagonist
2747	7	2.315	PfA-M1 aminopeptidase inhibitor
2748	25	4.606	Phenol 2-monooxygenase inhibitor
2749	3	5.920	Phenol O-methyltransferase inhibitor
2750	5	1.389	Phenylacetaldehyde dehydrogenase inhibitor
2751	8	2.876	Phenylacetate-CoA ligase inhibitor
2752	6	0.110	Phenylalanine 2-monooxygenase inhibitor
2753	30	2.543	Phenylalanine 4-monooxygenase inhibitor
2754	8	2.211	Phenylalanine decarboxylase inhibitor
2755	19	1.727	Phenylalanine dehydrogenase inhibitor
2756	10	2.715	Phenylalanine racemase (ATP-hydrolysing) inhibitor
2757	4	2.432	Phenylalanine(histidine) transaminase inhibitor
2758	10	3.751	Phenylalanine-tRNA ligase inhibitor
2759	81	0.139	Phenylethanolamine N methyltransferase inhibitor
2760	3	0.923	Phenylpyruvate decarboxylase inhibitor
2761	5	0.001	Phenylpyruvate tautomerase inhibitor
2762	13	8.518	Phloroglucinol reductase inhibitor
2763	7	12.849	Phosphatase inhibitor
2764	14	2.128	Phosphate acetyltransferase inhibitor
2765	4	0.004	Phosphate butyryltransferase inhibitor
2766	17	2.507	Phosphatidate cytidyltransferase inhibitor
2767	25	6.440	Phosphatidate phosphatase inhibitor
2768	4	18.532	Phosphatidylcholine-retinol O-acyltransferase inhibitor
2769	17	10.865	Phosphatidylcholine-sterol O-acyltransferase inhibitor

No.	N	IEP	Activity Name
2770	5	21.588	Phosphatidylethanolamine N-methyltransferase inhibitor
2771	3	0.520	Phosphatidylglycerol-membrane-oligosaccharide glycerophosphotransferase inhibitor
2772	8	3.870	Phosphatidylglycerophosphatase inhibitor
2773	23	7.493	Phosphatidylinositol 3-kinase alpha inhibitor
2774	6	16.439	Phosphatidylinositol 3-kinase beta inhibitor
2775	8	12.119	Phosphatidylinositol 3-kinase delta inhibitor
2776	5	19.447	Phosphatidylinositol 3-kinase gamma inhibitor
2777	107	3.865	Phosphatidylinositol 3-kinase inhibitor
2778	10	0.019	Phosphatidylinositol 3-kinase p110alpha inhibitor
2779	14	7.458	Phosphatidylinositol diacylglycerol-lyase inhibitor
2780	154	5.138	Phosphatidylinositol kinase inhibitor
2781	10	7.694	Phosphatidylserine decarboxylase inhibitor
2782	122	0.099	Phospho-N-acetylmuramoyl-pentapeptide-transferase inhibitor
2783	5	0.335	Phosphoadenylylsulfatase inhibitor
2784	22	0.001	Phosphodiesterase 11A inhibitor
2785	195	0.397	Phosphodiesterase 4A inhibitor
2786	119	0.327	Phosphodiesterase 4B inhibitor
2787	16	0.130	Phosphodiesterase 4C inhibitor
2788	42	3.422	Phosphodiesterase 4D inhibitor
2789	76	0.950	Phosphodiesterase 5A inhibitor
2790	27	0.001	Phosphodiesterase 6A inhibitor
2791	12	5.542	Phosphodiesterase 6B inhibitor
2792	11	2.230	Phosphodiesterase 7A inhibitor
2793	178	4.304	Phosphodiesterase I inhibitor
2794	42	3.725	Phosphodiesterase II inhibitor
2795	462	2.099	Phosphodiesterase III inhibitor
2796	15	0.022	Phosphodiesterase IIIA inhibitor
2797	3636	0.981	Phosphodiesterase IV inhibitor
2798	57	0.886	Phosphodiesterase IV stimulant
2799	14	0.002	Phosphodiesterase PDE10A inhibitor
2800	733	1.249	Phosphodiesterase V inhibitor
2801	51	0.010	Phosphodiesterase V stimulant
2802	114	0.703	Phosphodiesterase VI inhibitor
2803	225	0.238	Phosphodiesterase VII inhibitor
2804	14	0.002	Phosphodiesterase X inhibitor
2805	22	0.001	Phosphodiesterase XI inhibitor
2806	5056	2.811	Phosphodiesterase inhibitor
2807	109	0.827	Phosphodiesterase stimulant

No.	N	IEP	Activity Name
2808	34	5.697	Phosphoenolpyruvate carboxykinase (ATP) inhibitor
2809	25	0.472	Phosphoenolpyruvate carboxykinase (GTP) inhibitor
2810	8	0.755	Phosphoenolpyruvate carboxykinase (diphosphate) inhibitor
2811	44	1.785	Phosphoenolpyruvate carboxylase inhibitor
2812	3	1.794	Phosphoenolpyruvate mutase inhibitor
2813	4	1.359	Phosphoenolpyruvate-protein phosphotransferase inhibitor
2814	33	2.122	Phosphofructokinase-1 inhibitor
2815	16	0.784	Phosphoglucomutase inhibitor
2816	12	0.122	Phosphogluconate 2-dehydrogenase inhibitor
2817	57	1.538	Phosphogluconate dehydrogenase (decarboxylating) inhibitor
2818	16	0.557	Phosphoglycerate dehydrogenase inhibitor
2819	43	1.243	Phosphoglycerate kinase inhibitor
2820	10	1.166	Phosphoglycerate mutase inhibitor
2821	6	0.079	Phosphoglycerate phosphatase inhibitor
2822	12	1.096	Phosphoglycolate phosphatase inhibitor
2823	12	11.748	Phosphoinositide 5-phosphatase inhibitor
2824	35	2.003	Phosphoinositide dependent kinase 1 inhibitor
2825	9	6.891	Phosphoinositide phospholipase C inhibitor
2826	10	0.442	Phosphoketolase inhibitor
2827	3	0.579	Phosphokinase stimulant
2828	17	7.125	Phospholipase A1 inhibitor
2829	15	2.380	Phospholipase A2 IIa inhibitor
2830	287	7.989	Phospholipase A2 inhibitor
2831	75	5.869	Phospholipase C inhibitor
2832	17	2.265	Phospholipase D inhibitor
2833	366	7.685	Phospholipase inhibitor
2834	4	13.630	Phospholipid-translocating ATPase inhibitor
2835	4	0.074	Phosphomannomutase inhibitor
2836	14	1.216	Phosphomevalonate kinase inhibitor
2837	6	1.104	Phosphonoacetate hydrolase inhibitor
2838	7	7.358	Phosphopantothenoylcysteine decarboxylase inhibitor
2839	7	0.043	Phosphopyruvate hydratase inhibitor
2840	3	0.021	Phosphoribosylformylglycinamide cyclo-ligase inhibitor
2841	7	0.335	Phosphoribosylformylglycinamide synthase inhibitor
2842	94	0.015	Phosphoribosylglycinamide formyltransferase inhibitor
2843	10	1.034	Phosphoribulokinase inhibitor
2844	20	0.000	Phosphorylase a inhibitor
2845	5	3.768	Phosphorylase b inhibitor

No.	N	IEP	Activity Name
2846	119	2.139	Phosphorylase inhibitor
2847	21	4.823	Phosphorylase kinase inhibitor
2848	12	1.293	Phosphoserine phosphatase inhibitor
2849	5	0.139	Phosphoserine transaminase inhibitor
2850	11	17.388	Photinus-luciferin 4-monooxygenase (ATP-hydrolysing) inhibitor
2851	59	5.544	Photosensitizer
2852	3	14.047	Phthalate 4,5-dioxygenase inhibitor
2853	3	2.951	Phytanoyl-CoA dioxygenase inhibitor
2854	10	2.271	Picornain 2A inhibitor
2855	8	2.955	Picornain 3C inhibitor
2856	10	8.223	Pitriylsin inhibitor
2857	8	2.539	Plasmanylethanolamine desaturase inhibitor
2858	68	0.053	Plasmepsin I inhibitor
2859	80	0.068	Plasmepsin II inhibitor
2860	90	0.131	Plasmepsin inhibitor
2861	135	0.874	Plasmin inhibitor
2862	72	1.887	Plasminogen activator inhibitor
2863	143	0.699	Plasminogen activator inhibitor antagonist
2864	14	3.210	Plasminogen activator stimulant
2865	7	6.903	Plastoquinol-plastocyanin reductase inhibitor
2866	3	0.011	Platelet activating factor agonist
2867	48	3.215	Platelet activating factor alpha antagonist
2868	1503	2.565	Platelet activating factor antagonist
2869	226	2.188	Platelet activating factor beta antagonist
2870	10	11.991	Platelet adhesion inhibitor
2871	2899	8.691	Platelet aggregation inhibitor
2872	12	8.781	Platelet aggregation stimulant
2873	1430	2.674	Platelet antagonist
2874	24	7.519	Platelet derived growth factor receptor kinase inhibitor
2875	750	1.153	Platelet growth factor antagonist
2876	186	0.681	Platelet growth factor beta antagonist
2877	3	1.721	Plus-end-directed kinesin ATPase inhibitor
2878	5	3.040	Polar-amino-acid-transporting ATPase inhibitor
2879	55	6.693	Polarisation inhibitor
2880	9	8.514	Polarisation stimulant
2881	194	1.891	Polo-like kinase inhibitor
2882	142	2.507	Polo-like kinase-1 inhibitor
2883	14	2.515	Poly(3-hydroxybutyrate) depolymerase inhibitor

No.	N	IEP	Activity Name
2884	18	1.409	Poly(ADP-ribose) glycohydrolase inhibitor
2885	5	2.757	Poly(alpha-L-gulonate) lyase inhibitor
2886	4	4.273	Poly(beta-D-mannuronate) lyase inhibitor
2887	17	1.266	Polyamine biosynthesis inhibitor
2888	14	4.883	Polyamine oxidase inhibitor
2889	3	6.154	Polyamine-transporting ATPase inhibitor
2890	6	4.180	Polygalacturonase inhibitor
2891	3	1.536	Polyneuridine-aldehyde esterase inhibitor
2892	15	8.829	Polynucleotide 5'-hydroxy-kinase inhibitor
2893	27	5.673	Polynucleotide adenyltransferase inhibitor
2894	16	1.542	Polypeptide N-acetylgalactosaminyltransferase inhibitor
2895	4	0.717	Polyphosphate kinase inhibitor
2896	5	0.070	Polyphosphate-glucose phosphotransferase inhibitor
2897	6	20.769	Polyporopepsin inhibitor
2898	9	9.919	Polyribonucleotide nucleotidyltransferase inhibitor
2899	22	1.817	Porphobilinogen synthase inhibitor
2900	36	0.126	Postcoital contraceptive
2901	66	3.085	Postmenopausal disorders treatment
2902	159	0.797	Potassium channel (ATP-sensitive) antagonist
2903	50	1.501	Potassium channel (Ca-activated) antagonist
2904	79	0.138	Potassium channel (Inward rectifier) 1 antagonist
2905	36	0.012	Potassium channel (Inward rectifier) 11 antagonist
2906	157	0.096	Potassium channel (Inward rectifier) antagonist
2907	368	4.511	Potassium channel (Voltage-sensitive) antagonist
2908	113	0.740	Potassium channel Kv1.1 antagonist
2909	49	0.056	Potassium channel Kv1.3 antagonist
2910	23	0.001	Potassium channel Kv1.5 antagonist
2911	270	4.828	Potassium channel activator
2912	14	4.307	Potassium channel activator (ATP-sensitive)
2913	908	4.674	Potassium channel antagonist
2914	10	0.001	Potassium channel intermediate-conductance Ca-activated 4 antagonist
2915	11	0.867	Potassium channel intermediate-conductance Ca-activated antagonist
2916	38	0.028	Potassium channel small-conductance Ca-activated antagonist
2917	27	0.001	Pregnane X receptor antagonist
2918	5	4.055	Prenyl-diphosphatase inhibitor
2919	23	0.792	Prephenate dehydratase inhibitor
2920	20	5.483	Prephenate dehydrogenase inhibitor
2921	3	0.703	Prepilin peptidase inhibitor

No.	N	IEP	Activity Name
2922	36	0.988	Prion diseases treatment
2923	5	8.429	Pro-opiomelanocortin converting enzyme inhibitor
2924	17	5.053	Procollagen C-endopeptidase inhibitor
2925	7	3.657	Procollagen N-endopeptidase inhibitor
2926	13	0.423	Procollagen galactosyltransferase inhibitor
2927	13	0.882	Procollagen glucosyltransferase inhibitor
2928	21	4.235	Procollagen-lysine 5-dioxygenase inhibitor
2929	14	0.013	Procollagen-proline 3-dioxygenase inhibitor
2930	125	0.976	Progesterone agonist
2931	580	0.379	Progesterone antagonist
2932	98	0.033	Progesterone receptor A antagonist
2933	66	0.079	Progesterone receptor B antagonist
2934	24	0.012	Progesterone receptor B1 antagonist
2935	77	9.523	Prokinetic
2936	44	3.609	Prolactin inhibitor
2937	21	6.494	Prolactin release inhibitor
2938	11	14.290	Proliferative diseases treatment
2939	4	0.311	Proline dehydrogenase inhibitor
2940	17	0.872	Proline racemase inhibitor
2941	13	7.093	Prolyl aminopeptidase inhibitor
2942	312	1.867	Prolyl endopeptidase inhibitor
2943	17	0.826	Propanediol dehydratase inhibitor
2944	4	0.116	Propionate CoA-transferase inhibitor
2945	7	0.833	Propionate-CoA ligase inhibitor
2946	43	2.643	Prostacyclin agonist
2947	108	0.770	Prostacyclin antagonist
2948	3	0.000	Prostaglandin A1 agonist
2949	7	3.482	Prostaglandin D2 agonist
2950	106	0.451	Prostaglandin D2 antagonist
2951	20	0.073	Prostaglandin E1 agonist
2952	3	3.984	Prostaglandin E1 antagonist
2953	69	0.379	Prostaglandin E2 agonist
2954	257	2.163	Prostaglandin E2 antagonist
2955	106	0.124	Prostaglandin EP1 antagonist
2956	50	0.055	Prostaglandin EP12 antagonist
2957	122	0.054	Prostaglandin EP2 antagonist
2958	148	0.113	Prostaglandin EP3 antagonist
2959	55	0.001	Prostaglandin EP4 agonist

No.	N	IEP	Activity Name
2960	167	0.098	Prostaglandin EP4 antagonist
2961	20	0.028	Prostaglandin F2 alpha agonist
2962	24	3.994	Prostaglandin F2 alpha antagonist
2963	379	0.234	Prostaglandin H2 antagonist
2964	332	1.129	Prostaglandin agonist
2965	814	1.896	Prostaglandin antagonist
2966	4	8.823	Prostaglandin-A1 DELTA-isomerase inhibitor
2967	14	5.157	Prostaglandin-E2 9-reductase inhibitor
2968	6	0.001	Prostaglandin-E2 synthase 1 inhibitor
2969	25	0.347	Prostaglandin-I synthase inhibitor
2970	373	13.227	Prostate cancer treatment
2971	412	9.335	Prostate disorders treatment
2972	1245	3.139	Prostatic (benign) hyperplasia treatment
2973	149	0.086	Protease (Human cytomegalovirus) inhibitor
2974	176	0.174	Protease 3C (Human rhinovirus) inhibitor
2975	15	0.003	Protease 3C (Human rhinovirus) stimulant
2976	139	0.043	Protease activated receptor 1 antagonist
2977	147	1.508	Protease activated receptor antagonist
2978	541	4.347	Protease inhibitor
2979	3	11.912	Proteasome ATPase inhibitor
2980	33	4.374	Proteasome endopeptidase complex inhibitor
2981	171	1.286	Proteasome inhibitor
2982	3	10.041	Protein 23S ribosomal subunit inhibitor
2983	67	3.464	Protein 30S ribosomal subunit inhibitor
2984	107	0.985	Protein 50S ribosomal subunit inhibitor
2985	14	1.163	Protein C (activated) inhibitor
2986	8	0.578	Protein N-acetylglucosaminyltransferase inhibitor
2987	7	21.444	Protein disulfide-isomerase inhibitor
2988	4	0.000	Protein glycation inhibitor
2989	3	6.771	Protein kinase (CK1) inhibitor
2990	42	4.687	Protein kinase (CK2) inhibitor
2991	228	1.144	Protein kinase (CaMK, MLCK, PhK, SNF, KIN, NIM1, MAPKAP, POLO, CHK, ULK, RSK-2nd domain) inhibitor
2992	457	1.267	Protein kinase (Mos, Mil/Raf, MEKK, RIPK, TESK, LIMK, IRAK, ILK, Activin/TGF-beta) inhibitor
2993	70	1.164	Protein kinase (PKA, PKC, AKT, GRK, AGC-related, RSK, DBF2, SGK) inhibitor
2994	188	1.866	Protein kinase A inhibitor
2995	64	2.395	Protein kinase B alpha inhibitor
2996	22	2.616	Protein kinase B beta inhibitor

No.	N	IEP	Activity Name
2997	5	0.012	Protein kinase B gamma inhibitor
2998	241	3.095	Protein kinase B inhibitor
2999	6	0.000	Protein kinase B stimulant
3000	287	1.270	Protein kinase C alpha inhibitor
3001	9	0.001	Protein kinase C alpha stimulant
3002	68	0.080	Protein kinase C beta I inhibitor
3003	86	0.074	Protein kinase C beta II inhibitor
3004	125	1.583	Protein kinase C beta inhibitor
3005	105	0.908	Protein kinase C delta inhibitor
3006	75	2.024	Protein kinase C epsilon inhibitor
3007	61	0.096	Protein kinase C eta inhibitor
3008	72	1.012	Protein kinase C gamma inhibitor
3009	1058	2.364	Protein kinase C inhibitor
3010	5	1.728	Protein kinase C nu inhibitor
3011	50	1.117	Protein kinase C stimulant
3012	69	1.483	Protein kinase C theta inhibitor
3013	25	0.119	Protein kinase C zeta inhibitor
3014	9141	5.986	Protein kinase inhibitor
3015	62	4.708	Protein kinase stimulant
3016	17	0.044	Protein phosphatase 1 inhibitor
3017	18	0.126	Protein phosphatase 2A inhibitor
3018	1283	2.343	Protein phosphatase inhibitor
3019	363	6.491	Protein synthesis inhibitor
3020	9	4.320	Protein synthesis stimulant
3021	3	0.025	Protein-L-isoaspartate (D-aspartate) O-methyltransferase inhibitor
3022	12	4.937	Protein-Npi-phosphohistidine-sugar phosphotransferase inhibitor
3023	20	6.218	Protein-S-isoprenylcysteine O-methyltransferase inhibitor
3024	5	15.817	Protein-arginine deiminase inhibitor
3025	11	22.116	Protein-disulfide reductase (glutathione) inhibitor
3026	3	1.091	Protein-glucosylgalactosylhydroxylysine glucosidase inhibitor
3027	4	1.530	Protein-glutamate O-methyltransferase inhibitor
3028	13	5.434	Protein-glutamate methylesterase inhibitor
3029	1341	3.274	Protein-serine-threonine kinase inhibitor
3030	15	11.517	Protein-synthesizing GTPase inhibitor
3031	175	3.901	Protein-tyrosine kinase (PTK, not ETK, WZC) inhibitor
3032	30	8.601	Protein-tyrosine kinase Lyn inhibitor
3033	6	12.087	Protein-tyrosine kinase p55(blk) inhibitor
3034	946	1.920	Protein-tyrosine phosphatase 1B inhibitor

No.	N	IEP	Activity Name
3035	51	0.316	Protein-tyrosine phosphatase 2C inhibitor
3036	4	0.006	Protein-tyrosine phosphatase beta inhibitor
3037	5	0.002	Protein-tyrosine phosphatase epsilon inhibitor
3038	1233	2.251	Protein-tyrosine phosphatase inhibitor
3039	4	0.019	Protein-tyrosine phosphatase mu inhibitor
3040	6	2.552	Protein-tyrosine phosphatase yopH inhibitor
3041	10	2.885	Protein-tyrosine sulfotransferase inhibitor
3042	6	0.008	Proto-oncogene tyrosine-protein kinase Fgr inhibitor
3043	30	6.926	Proto-oncogene tyrosine-protein kinase Fyn inhibitor
3044	52	4.237	Proto-oncogene tyrosine-protein kinase Kit inhibitor
3045	13	4.330	Proto-oncogene tyrosine-protein kinase Yes inhibitor
3046	5	0.009	Proto-oncogene tyrosine-protein kinase c-hck inhibitor
3047	28	0.784	Protocatechuate 3,4-dioxygenase inhibitor
3048	11	0.066	Protocatechuate 4,5-dioxygenase inhibitor
3049	24	2.537	Protocollagen prolyl hydroxylase inhibitor
3050	15	21.487	Protoporphyrinogen oxidase inhibitor
3051	6	3.373	Prunasin beta-glucosidase inhibitor
3052	4	2.769	Pseudouridylate synthase inhibitor
3053	14	10.541	Psychosexual dysfunction treatment
3054	240	11.335	Psychostimulant
3055	7586	14.359	Psychotropic
3056	9	2.560	Pteridine reductase inhibitor
3057	4	8.340	Pterin deaminase inhibitor
3058	7	6.199	Pullulanase inhibitor
3059	8	1.374	Purine biosynthesis inhibitor
3060	22	0.489	Purine nucleosidase inhibitor
3061	191	0.427	Purine nucleoside phosphorylase inhibitor
3062	15	4.971	Purinergic P2 agonist
3063	153	3.089	Purinergic P2 antagonist
3064	26	4.570	Purinergic P2T antagonist
3065	64	2.677	Purinergic P2X antagonist
3066	14	6.378	Purinergic P2X1 antagonist
3067	11	0.300	Purinergic P2X2 antagonist
3068	13	0.296	Purinergic P2X3 antagonist
3069	45	1.398	Purinergic P2X7 antagonist
3070	9	6.692	Purinergic P2Y agonist
3071	70	3.411	Purinergic P2Y antagonist
3072	41	0.138	Purinergic P2Y1 antagonist

No.	N	IEP	Activity Name
3073	10	12.258	Purinergic P2Y12 antagonist
3074	15	4.971	Purinergic receptor agonist
3075	188	2.680	Purinergic receptor antagonist
3076	4	0.001	Puromycin-sensitive aminopeptidase inhibitor
3077	6	0.193	Putrescine carbamoyltransferase inhibitor
3078	14	1.894	Putrescine oxidase inhibitor
3079	9	0.032	Pyridoxal 4-dehydrogenase inhibitor
3080	45	4.100	Pyridoxal kinase inhibitor
3081	13	0.246	Pyridoxamine-oxaloacetate transaminase inhibitor
3082	9	0.454	Pyridoxamine-phosphate oxidase inhibitor
3083	5	0.031	Pyridoxamine-pyruvate transaminase inhibitor
3084	3	2.365	Pyridoxine 4-oxidase inhibitor
3085	6	1.000	Pyridoxine 5-dehydrogenase inhibitor
3086	6	1.233	Pyrimidine-deoxynucleoside 2'-dioxygenase inhibitor
3087	39	5.538	Pyroglutamyl-peptidase I inhibitor
3088	13	9.602	Pyroglutamyl-peptidase II inhibitor
3089	17	1.425	Pyrroline-5-carboxylate reductase inhibitor
3090	26	4.165	Pyruvate carboxylase inhibitor
3091	7	7.661	Pyruvate decarboxylase inhibitor
3092	4	1.477	Pyruvate dehydrogenase (cytochrome) inhibitor
3093	22	3.387	Pyruvate dehydrogenase (lipoamide) inhibitor
3094	25	5.505	Pyruvate dehydrogenase inhibitor
3095	110	0.025	Pyruvate dehydrogenase kinase inhibitor
3096	11	0.477	Pyruvate dehydrogenase kinase stimulant
3097	38	3.157	Pyruvate kinase inhibitor
3098	5	0.094	Pyruvate synthase inhibitor
3099	21	1.129	Pyruvate, phosphate dikinase inhibitor
3100	10	0.800	Pyruvate, water dikinase inhibitor
3101	127	12.753	QT interval prolongation
3102	11	1.916	Quercetin 2,3-dioxygenase inhibitor
3103	37	0.439	Queuine tRNA-ribosyltransferase inhibitor
3104	4	0.088	Quinate 5-dehydrogenase inhibitor
3105	4	2.334	Quinoline-4-carboxylate 2-oxidoreductase inhibitor
3106	4	3.572	Quinoprotein glucose dehydrogenase inhibitor
3107	4	4.792	Quisqualate antagonist
3108	4	0.001	RAS guanyl releasing protein antagonist
3109	17	21.137	RET inhibitor
3110	3	0.092	RNA agonist

No.	N	IEP	Activity Name
3111	133	9.581	RNA directed DNA polymerase inhibitor
3112	15	0.026	RNA ligase (ATP) inhibitor
3113	111	9.793	RNA synthesis inhibitor
3114	13	0.031	RNA-directed RNA polymerase (Influenza A) inhibitor
3115	26	15.029	RNA-directed RNA polymerase inhibitor
3116	7	0.224	RNA-directed RNA polymerase stimulant
3117	38	4.138	Radical formation agonist
3118	223	11.275	Radioprotector
3119	216	15.094	Radiosensitizer
3120	63	0.227	Raf kinase B inhibitor
3121	64	3.758	Raf kinase C inhibitor
3122	444	1.256	Raf kinase inhibitor
3123	69	7.823	Reductant
3124	3	0.009	Releasing hormone agonist
3125	371	11.318	Renal disease treatment
3126	131	15.549	Renal failure treatment
3127	14	10.259	Renal tissue kallikrein inhibitor
3128	12	1.014	Renilla-luciferin 2-monoxygenase inhibitor
3129	2198	0.577	Renin inhibitor
3130	3	0.000	Replication protein E1 (HPV) antagonist
3131	11	20.166	Reproductive dysfunction
3132	85	8.154	Respiratory analeptic
3133	180	13.770	Respiratory distress syndrome treatment
3134	702	7.034	Restenosis treatment
3135	7	9.762	Retinal dehydrogenase inhibitor
3136	8	22.065	Retinal oxidase inhibitor
3137	13	0.334	Retinoic acid alpha receptor agonist
3138	211	0.078	Retinoic acid alpha receptor antagonist
3139	9	0.353	Retinoic acid beta receptor agonist
3140	194	0.071	Retinoic acid beta receptor antagonist
3141	150	0.579	Retinoic acid receptor agonist
3142	328	0.258	Retinoic acid receptor antagonist
3143	203	0.461	Retinoic acid receptor gamma antagonist
3144	11	0.077	Retinoid X alpha receptor agonist
3145	96	0.032	Retinoid X alpha receptor antagonist
3146	53	0.032	Retinoid X beta receptor antagonist
3147	55	0.033	Retinoid X gamma receptor antagonist
3148	97	0.306	Retinoid X receptor agonist

No.	N	IEP	Activity Name
3149	96	0.032	Retinoid X receptor antagonist
3150	7	0.743	Retinol O-fatty-acyltransferase inhibitor
3151	6	3.837	Retinol dehydrogenase inhibitor
3152	13	15.727	Retinoprotector
3153	18	2.305	Retinyl-palmitate esterase inhibitor
3154	36	0.000	Reverse transcriptase (Hepatitis B) inhibitor
3155	7	3.104	Rhamnulose-1-phosphate aldolase inhibitor
3156	730	9.346	Rheumatoid arthritis treatment
3157	159	15.937	Rhinitis treatment
3158	4	7.410	Rhizopuspepsin inhibitor
3159	3	0.000	Rho-associated kinase I inhibitor
3160	7	3.159	Rho-associated kinase II inhibitor
3161	80	0.093	Rho-associated kinase inhibitor
3162	15	0.003	Rhodesain inhibitor
3163	33	4.291	Rhodopsin kinase inhibitor
3164	9	4.278	Rhodotorulapepsin inhibitor
3165	6	0.658	Ribitol 2-dehydrogenase inhibitor
3166	24	0.353	Riboflavin kinase inhibitor
3167	4	1.415	Riboflavin phosphotransferase inhibitor
3168	12	0.161	Riboflavin synthase inhibitor
3169	9	0.002	Ribonuclease L inhibitor
3170	5	23.202	Ribonuclease T1 inhibitor
3171	26	0.166	Ribonuclease T2 inhibitor
3172	5	1.502	Ribonuclease U2 inhibitor
3173	50	5.559	Ribonuclease inhibitor
3174	119	2.149	Ribonucleoside diphosphate reductase inhibitor
3175	17	6.780	Ribonucleoside triphosphate reductase inhibitor
3176	213	1.540	Ribonucleotide reductase inhibitor
3177	7	1.136	Ribose-5-phosphate adenylyltransferase inhibitor
3178	21	1.201	Ribose-5-phosphate isomerase inhibitor
3179	7	1.847	Ribose-5-phosphate-ammonia ligase inhibitor
3180	37	0.915	Ribose-phosphate diphosphokinase inhibitor
3181	14	9.847	Ribosomal protein S6 kinase 1, 70-kDa inhibitor
3182	19	11.775	Ribosomal protein S6 kinase inhibitor
3183	15	16.285	Ribosomal protein S6 kinase, 70-kDa inhibitor
3184	4	0.000	Ribosomal protein S6 kinase, 90-kDa inhibitor
3185	4	0.000	Ribosomal protein S6 kinase, 90kD, polypeptide 5 inhibitor
3186	9	0.272	Ribosylpyrimidine nucleosidase inhibitor

No.	N	IEP	Activity Name
3187	15	1.728	Ribulose-bisphosphate carboxylase inhibitor
3188	3	15.849	Ribulose-phosphate 3-epimerase inhibitor
3189	5	0.006	Rotamase (FKBP) inhibitor
3190	11	0.022	Rotamase (FKBP12) inhibitor
3191	7	3.432	Rubefacient
3192	14	19.274	Rubredoxin-NAD ⁺ reductase inhibitor
3193	3	0.003	Ryanodine receptor 1 antagonist
3194	3	0.003	Ryanodine receptor antagonist
3195	5	22.570	S-100 protein beta antagonist
3196	47	0.062	S-adenosyl-L-homocysteine hydrolase inhibitor
3197	58	0.411	S-adenosyl-L-methionine decarboxylase inhibitor
3198	3	3.457	S-alkylcysteine lyase inhibitor
3199	8	13.474	S-formylglutathione hydrolase inhibitor
3200	43	0.672	S-methyl-5-thioadenosine phosphorylase inhibitor
3201	9	1.250	S-methyl-5-thioribose kinase inhibitor
3202	42	4.101	SULT1A1 substrate
3203	25	1.589	SULT1A2 substrate
3204	18	5.288	SULT1A3 substrate
3205	6	2.437	SULT1E1 substrate
3206	4	12.824	SULT2A1 substrate
3207	4	2.105	Saccharolysin inhibitor
3208	3	15.509	Saccharopepsin inhibitor
3209	4	1.004	Saccharopine dehydrogenase (NAD ⁺ , L-glutamate-forming) inhibitor
3210	19	2.893	Saccharopine dehydrogenase (NAD ⁺ , L-lysine-forming) inhibitor
3211	5	1.275	Saccharopine dehydrogenase (NADP ⁺ , L-glutamate-forming) inhibitor
3212	13	6.604	Saccharopine dehydrogenase (NADP ⁺ , L-lysine-forming) inhibitor
3213	6	3.960	Salicylate 1-monoxygenase inhibitor
3214	86	9.716	Saluretic
3215	4	0.240	Saponin-like
3216	14	2.035	Sarcosine oxidase inhibitor
3217	4	7.000	Sclerosant
3218	4	0.902	Scyllo-inosamine-4-phosphate amidinotransferase inhibitor
3219	21	0.935	Scytalone dehydratase inhibitor
3220	3	5.786	Secretase alpha stimulant
3221	20	5.357	Secretase beta 1 inhibitor
3222	24	0.013	Secretase beta 2 inhibitor
3223	60	1.309	Secretase beta inhibitor
3224	105	1.010	Secretase gamma inhibitor

No.	N	IEP	Activity Name
3225	165	1.653	Secretase inhibitor
3226	3	5.786	Secretase stimulant
3227	890	10.085	Sedative
3228	7	5.810	Sedoheptulose-bisphosphatase inhibitor
3229	131	1.434	Selectin E antagonist
3230	9	0.647	Selectin L antagonist
3231	14	0.126	Selectin P antagonist
3232	161	2.144	Selectin antagonist
3233	4	0.028	Selenide, water dikinase inhibitor
3234	3	1.438	Selenocysteine lyase inhibitor
3235	12	0.424	Sepiapterin deaminase inhibitor
3236	46	4.825	Sepiapterin reductase inhibitor
3237	12	4.144	Sepsis treatment
3238	820	9.800	Septic shock treatment
3239	6	1.555	Serine 3-dehydrogenase inhibitor
3240	15	4.802	Serine O-acetyltransferase inhibitor
3241	33	2.340	Serine carboxypeptidase inhibitor
3242	20	15.996	Serine protease unspecified inhibitor
3243	12	0.885	Serine-glyoxylate transaminase inhibitor
3244	11	2.746	Serine-phosphoethanolamine synthase inhibitor
3245	4	2.255	Serine-pyruvate transaminase inhibitor
3246	30	0.661	Serine-sulfate ammonia-lyase inhibitor
3247	6	1.323	Serine-tRNA ligase inhibitor
3248	28	1.260	Serine-type D-Ala-D-Ala carboxypeptidase inhibitor
3249	23	4.886	Serralysin inhibitor
3250	7	3.912	Serratia marcescens nuclease inhibitor
3251	34	1.622	Serum-glucocorticoid regulated kinase inhibitor
3252	183	0.624	Shaker potassium channel antagonist
3253	6	1.919	Shikimate 5-dehydrogenase inhibitor
3254	4	3.349	Shikimate O-hydroxycinnamoyltransferase inhibitor
3255	8	10.942	Shikimate kinase inhibitor
3256	55	3.547	Shock treatment
3257	10	24.957	Sialagogue
3258	18	9.445	Sickle-cell anemia treatment
3259	1025	0.534	Sigma 1 receptor antagonist
3260	545	0.452	Sigma 2 receptor antagonist
3261	12	0.009	Sigma 3 receptor antagonist
3262	9	9.167	Sigma receptor agonist

No.	N	IEP	Activity Name
3263	1531	0.817	Sigma receptor antagonist
3264	12	4.061	Signal peptidase I inhibitor
3265	3	0.000	Signal peptidase IB inhibitor
3266	8	24.815	Signal peptidase II inhibitor
3267	7112	6.340	Signal transduction pathways inhibitor
3268	4	16.699	Simian immunodeficiency virus proteinase inhibitor
3269	15	0.024	Sirtuin 2 inhibitor
3270	15	0.024	Sirtuin inhibitor
3271	4	1.278	Site-specific DNA-methyltransferase (adenine-specific) inhibitor
3272	245	7.908	Skeletal muscle relaxant
3273	303	2.070	Skin irritation, high
3274	188	7.100	Skin irritation, inactive
3275	270	2.776	Skin irritation, moderate
3276	469	3.489	Skin irritation, weak
3277	1030	3.254	Skin irritative effect
3278	424	4.148	Sleep disorders treatment
3279	3	0.813	Small monomeric GTPase inhibitor
3280	9	19.140	Smooth muscle myosin light chain kinase inhibitor
3281	4	1.692	Snopalysin inhibitor
3282	3	0.042	Sodium channel agonist
3283	441	8.757	Sodium channel blocker
3284	6	3.399	Sodium channel blocker class Ib
3285	160	1.866	Sodium channel, voltage-gated antagonist
3286	3	0.006	Sodium-dependent vitamin C transporter 2 inhibitor
3287	3	2.390	Sodium/bile acid cotransporter inhibitor
3288	21	3.278	Sodium/calcium exchanger 1 inhibitor
3289	22	4.539	Sodium/calcium exchanger inhibitor
3290	5	0.001	Sodium/glucose cotransporter 1 inhibitor
3291	13	0.003	Sodium/glucose cotransporter inhibitor
3292	238	0.197	Sodium/hydrogen exchanger 1 inhibitor
3293	7	5.797	Sodium/hydrogen exchanger 2 inhibitor
3294	3	0.078	Sodium/hydrogen exchanger 3 inhibitor
3295	4	0.452	Sodium/hydrogen exchanger 5 inhibitor
3296	253	0.196	Sodium/hydrogen exchanger inhibitor
3297	159	0.086	Somatostatin 1 antagonist
3298	7	0.500	Somatostatin 2 agonist
3299	178	0.146	Somatostatin 2 antagonist
3300	175	0.086	Somatostatin 3 antagonist

No.	N	IEP	Activity Name
3301	190	0.191	Somatostatin 4 antagonist
3302	8	4.008	Somatostatin 5 agonist
3303	145	0.242	Somatostatin 5 antagonist
3304	40	1.472	Somatostatin agonist
3305	237	0.296	Somatostatin antagonist
3306	7	0.014	Sorbitol accumulation inhibitor
3307	3	3.043	Sorbitol-6-phosphate 2-dehydrogenase inhibitor
3308	3	0.753	Sorbose dehydrogenase inhibitor
3309	252	9.118	Spasmogenic
3310	1357	9.999	Spasmolytic
3311	188	7.216	Spasmolytic, Papaverin-like
3312	27	11.348	Spasmolytic, urinary
3313	24	15.778	Spermicide
3314	5	18.320	Spermidine dehydrogenase inhibitor
3315	36	0.666	Spermidine synthase inhibitor
3316	3	0.041	Spermine antagonist
3317	24	0.617	Spermine synthase inhibitor
3318	6	19.146	Sphinganine kinase inhibitor
3319	6	2.884	Sphinganine-1-phosphate aldolase inhibitor
3320	16	1.764	Sphingomyelinase inhibitor
3321	13	1.677	Sphingosine 1-phosphate receptor 1 agonist
3322	27	0.580	Sphingosine 1-phosphate receptor 1 antagonist
3323	3	0.539	Sphingosine 1-phosphate receptor 2 antagonist
3324	16	0.094	Sphingosine 1-phosphate receptor 3 antagonist
3325	18	0.081	Sphingosine 1-phosphate receptor 4 antagonist
3326	21	0.053	Sphingosine 1-phosphate receptor 5 antagonist
3327	13	1.677	Sphingosine 1-phosphate receptor agonist
3328	27	0.580	Sphingosine 1-phosphate receptor antagonist
3329	9	3.342	Sphingosine kinase inhibitor
3330	5	0.005	Sporulation kinase A inhibitor
3331	64	2.437	Squalene epoxidase inhibitor
3332	458	0.537	Squalene synthetase inhibitor
3333	35	3.199	Squalene-hopene cyclase inhibitor
3334	1307	1.867	Src kinase inhibitor
3335	28	7.680	Stearoyl-CoA 9-desaturase inhibitor
3336	205	1.464	Stem cell growth factor agonist
3337	241	0.278	Steroid 17alpha-monooxygenase inhibitor
3338	6	24.125	Steroid 21-monooxygenase inhibitor

No.	N	IEP	Activity Name
3339	3	0.250	Steroid 9alpha-monooxygenase inhibitor
3340	28	2.875	Steroid DELTA-isomerase inhibitor
3341	4	5.008	Steroid N-acetylglucosaminyltransferase inhibitor
3342	11	7.602	Steroid sulfotransferase inhibitor
3343	10	13.484	Steroid synthesis inhibitor
3344	50	0.283	Steroid-like
3345	31	1.675	Sterol 24-C-methyltransferase inhibitor
3346	13	6.322	Sterol 3-beta-glucosyltransferase inhibitor
3347	5	0.228	Stipitatonate decarboxylase inhibitor
3348	3	0.057	Streptogrisin A inhibitor
3349	6	0.471	Streptomycin 6-kinase inhibitor
3350	14	1.861	Streptopain inhibitor
3351	849	6.934	Stroke treatment
3352	5	0.065	Strombine dehydrogenase inhibitor
3353	4	1.304	Stromelysin 2 inhibitor
3354	3	1.781	Styrene-oxide isomerase inhibitor
3355	355	2.121	Substance P antagonist
3356	27	4.701	Subtilisin inhibitor
3357	12	5.669	Succinate dehydrogenase inhibitor
3358	16	2.480	Succinate-CoA ligase (ADP-forming) inhibitor
3359	8	1.113	Succinate-hydroxymethylglutarate CoA-transferase inhibitor
3360	7	15.895	Succinate-semialdehyde dehydrogenase [NAD(P)+] inhibitor
3361	20	1.007	Succinate-semialdehyde dehydrogenase inhibitor
3362	8	3.504	Succinic dehydrogenase inhibitor
3363	4	20.389	Sucrose 1F-fructosyltransferase inhibitor
3364	19	0.524	Sucrose alpha-glucosidase inhibitor
3365	5	0.058	Sucrose phosphorylase inhibitor
3366	16	1.113	Sucrose synthase inhibitor
3367	7	0.286	Sucrose-phosphatase inhibitor
3368	19	3.277	Sucrose-phosphate synthase inhibitor
3369	3	12.050	Sugar-phosphatase inhibitor
3370	8	1.944	Sulfate adenyltransferase (ADP) inhibitor
3371	14	2.347	Sulfate adenyltransferase inhibitor
3372	18	0.908	Sulfinoalanine decarboxylase inhibitor
3373	9	16.582	Sulfite dehydrogenase inhibitor
3374	9	7.094	Sulfite oxidase inhibitor
3375	6	3.706	Sulfite reductase inhibitor
3376	5	1.674	Sulfonyleureas

No.	N	IEP	Activity Name
3377	111	6.577	Sulfotransferase substrate
3378	6	1.930	Sulfur dioxygenase inhibitor
3379	8	14.832	Sulfur reductase inhibitor
3380	16	11.442	Superoxide dismutase inhibitor
3381	11	12.575	Superoxide dismutase stimulant
3382	30	3.892	Sweetener
3383	252	1.281	Syk tyrosine kinase inhibitor
3384	32	0.006	Synaptic vesicle protein SV2, levetiracetam binding site antagonist
3385	64	14.697	Systemic lupus erythematosus treatment
3386	18	15.279	T cell inhibitor
3387	17	0.007	T cell receptor antagonist
3388	17	0.007	T cell receptor gamma-delta antagonist
3389	78	0.297	T-cell protein-tyrosine phosphatase inhibitor
3390	3	0.024	T2-induced deoxynucleotide kinase inhibitor
3391	37	0.002	TEC kinase inhibitor
3392	3	2.369	TERT expression inhibitor
3393	167	0.314	TGF beta receptor type I kinase inhibitor
3394	22	0.002	TGF beta receptor type II kinase inhibitor
3395	478	1.238	TIE antagonist
3396	6	0.000	TIE-2 agonist
3397	458	1.243	TIE-2 antagonist
3398	509	0.075	TNF convertase inhibitor
3399	3	1.461	TNF expression inhibitor
3400	4	6.027	TP53 expression enhancer
3401	66	1.280	TRKA inhibitor
3402	3	0.002	TRKB inhibitor
3403	106	21.533	Tachycardia
3404	3	0.763	Tagaturonate reductase inhibitor
3405	14	0.524	Tannase inhibitor
3406	5	22.689	Tardive dyskinesia treatment
3407	5	0.039	Tartrate decarboxylase inhibitor
3408	5	0.007	Tartrate dehydrogenase inhibitor
3409	7	15.067	Taurine dehydrogenase inhibitor
3410	3	2.910	Taurine-2-oxoglutarate transaminase inhibitor
3411	3	2.615	Taurocyamine kinase inhibitor
3412	8	5.056	Tauropine dehydrogenase inhibitor
3413	320	2.810	Telomerase inhibitor
3414	4	6.934	Tentoxilysin inhibitor

No.	N	IEP	Activity Name
3415	1547	10.570	Teratogen
3416	3	16.034	Testosterone 17beta-dehydrogenase (NADP+) inhibitor
3417	11	3.483	Testosterone 17beta-dehydrogenase inhibitor
3418	4	0.498	Testosterone agonist
3419	3	0.000	Tetanus neurotoxin inhibitor
3420	36	0.003	Tetracycline antiport transporter antagonist
3421	7	1.944	Tetrahydroxynaphthalene reductase inhibitor
3422	13	0.147	Theanine hydrolase inhibitor
3423	11	6.462	Thermitase inhibitor
3424	19	0.570	Thermolysin inhibitor
3425	3	0.488	Thermomycolin inhibitor
3426	4	13.535	Thermopsin inhibitor
3427	9	2.475	Thiamine diphosphokinase inhibitor
3428	9	8.510	Thiamine pyridinylase inhibitor
3429	7	1.774	Thiamine-phosphate diphosphorylase inhibitor
3430	9	1.258	Thiamine-phosphate kinase inhibitor
3431	13	9.914	Thiamine-triphosphatase inhibitor
3432	24	0.505	Thiazolidinedione
3433	20	7.817	Thimet oligopeptidase inhibitor
3434	3	0.733	Thioether S-methyltransferase inhibitor
3435	8	2.520	Thiol S-methyltransferase inhibitor
3436	13	5.989	Thiol oxidase inhibitor
3437	121	1.889	Thiol protease inhibitor
3438	4	0.015	Thiol sulfotransferase inhibitor
3439	17	6.843	Thiopurine S-methyltransferase inhibitor
3440	3	7.424	Thioredoxin inhibitor
3441	19	13.309	Thioredoxin-disulfide reductase inhibitor
3442	10	12.827	Thiosulfate dehydrogenase inhibitor
3443	21	1.682	Thiosulfate sulfurtransferase inhibitor
3444	5	3.262	Threonine aldolase inhibitor
3445	27	1.978	Threonine ammonia-lyase inhibitor
3446	11	0.237	Threonine synthase inhibitor
3447	5	7.488	Threonine-tRNA ligase inhibitor
3448	2018	1.214	Thrombin inhibitor
3449	11	17.239	Thrombocytopoiesis inhibitor
3450	103	6.701	Thrombolytic
3451	82	6.162	Thromboxane A2 antagonist
3452	17	16.756	Thromboxane B2 antagonist

No.	N	IEP	Activity Name
3453	3	0.069	Thromboxane agonist
3454	278	4.309	Thromboxane antagonist
3455	642	1.500	Thromboxane synthase inhibitor
3456	3	1.614	Thromboxane synthase stimulant
3457	38	0.016	Thymidine kinase (Herpes simplex virus 1) inhibitor
3458	15	0.005	Thymidine kinase (Herpes simplex virus 2) inhibitor
3459	12	2.763	Thymidine kinase 1 inhibitor
3460	10	0.003	Thymidine kinase 2 inhibitor
3461	95	3.886	Thymidine kinase inhibitor
3462	51	1.237	Thymidine phosphorylase inhibitor
3463	6	0.178	Thymidine-triphosphatase inhibitor
3464	5	20.023	Thymidylate 5'-phosphatase inhibitor
3465	807	0.679	Thymidylate synthase inhibitor
3466	14	0.025	Thymine dioxygenase inhibitor
3467	27	1.955	Thyroid hormone agonist
3468	5	0.004	Thyroid hormone alpha 1 agonist
3469	12	0.004	Thyroid hormone alpha 1 antagonist
3470	5	0.004	Thyroid hormone alpha agonist
3471	40	0.005	Thyroid hormone alpha antagonist
3472	88	1.323	Thyroid hormone antagonist
3473	5	0.004	Thyroid hormone beta 1 agonist
3474	12	0.004	Thyroid hormone beta 1 antagonist
3475	6	0.006	Thyroid hormone beta agonist
3476	38	0.004	Thyroid hormone beta antagonist
3477	19	0.061	Thyrotropin releasing hormone agonist
3478	6	0.002	Thyrotropin releasing hormone antagonist
3479	7	6.018	Thyroxine 5-deiodinase inhibitor
3480	6	16.777	Tissue kallikrein inhibitor
3481	16	18.988	Tocolytic
3482	4	13.700	Toll-Like receptor 7 agonist
3483	4	13.700	Toll-Like receptor agonist
3484	489	3.183	Topoisomerase I inhibitor
3485	919	3.419	Topoisomerase II inhibitor
3486	63	14.728	Torsades de pointes
3487	1751	14.483	Toxic
3488	15	7.477	Toxic, respiratory center
3489	4	15.751	Tpr proteinase (<i>Porphyromonas gingivalis</i>) inhibitor
3490	39	5.184	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase inhibitor

No.	N	IEP	Activity Name
3491	4	1.477	Trans-2-enoyl-CoA reductase (NAD ⁺) inhibitor
3492	5	24.093	Trans-2-enoyl-CoA reductase (NADPH) inhibitor
3493	5	20.334	Trans-acenaphthene-1,2-diol dehydrogenase inhibitor
3494	6	4.022	Trans-octaprenyltranstransferase inhibitor
3495	5	1.555	Trans-pentaprenyltranstransferase inhibitor
3496	26	13.073	Transactivator transcription protein inhibitor
3497	5	0.030	Transaldolase inhibitor
3498	29	0.053	Transcortin receptor antagonist
3499	109	3.077	Transcription factor AP-1 inhibitor
3500	15	11.267	Transcription factor NF kappa A inhibitor
3501	529	4.695	Transcription factor NF kappa B inhibitor
3502	3	0.129	Transcription factor NF kappa B stimulant
3503	41	15.562	Transcription factor STAT inhibitor
3504	32	2.372	Transcription factor STAT3 inhibitor
3505	593	5.313	Transcription factor inhibitor
3506	7	0.001	Transcription factor rho inhibitor
3507	3	0.129	Transcription factor stimulant
3508	28	28.396	Transferase inhibitor
3509	9	24.239	Transferase stimulant
3510	6	18.767	Transforming growth factor agonist
3511	15	4.293	Transforming growth factor antagonist
3512	4	9.024	Transforming growth factor beta 1 agonist
3513	6	9.229	Transforming growth factor beta 1 antagonist
3514	6	0.000	Transforming growth factor beta 3 antagonist
3515	6	18.767	Transforming growth factor beta agonist
3516	15	4.293	Transforming growth factor beta antagonist
3517	7	6.773	Transketolase inhibitor
3518	5	0.028	Translation initiation factor IF-2 antagonist
3519	509	7.865	Transplant rejection treatment
3520	7	0.576	Transthyretin amyloid fibril formation inhibitor
3521	3	0.673	Trehalose-phosphatase inhibitor
3522	3	1.448	Triacetate-lactonase inhibitor
3523	7	1.170	Trimerelysin II inhibitor
3524	12	5.128	Trimethylamine dehydrogenase inhibitor
3525	11	1.323	Trimethylamine-N-oxide reductase inhibitor
3526	5	20.031	Trimethylamine-oxide aldolase inhibitor
3527	8	0.642	Trimethyllysine dioxygenase inhibitor
3528	23	1.926	Triose-phosphate isomerase inhibitor

No.	N	IEP	Activity Name
3529	23	6.745	Tripeptide aminopeptidase inhibitor
3530	35	0.187	Tripeptidyl peptidase II inhibitor
3531	22	4.815	Tripeptidyl-peptidase I inhibitor
3532	3	15.336	Tropinesterase inhibitor
3533	54	2.814	Trypanothione-disulfide reductase inhibitor
3534	1131	1.151	Trypsin inhibitor
3535	50	0.001	Tryptase 1 inhibitor
3536	139	1.551	Tryptase inhibitor
3537	22	8.487	Tryptophan 2,3-dioxygenase inhibitor
3538	21	4.223	Tryptophan 2-monooxygenase inhibitor
3539	4	4.995	Tryptophan alpha,beta-oxidase inhibitor
3540	8	3.177	Tryptophan dimethylallyltransferase inhibitor
3541	14	0.662	Tryptophan synthase inhibitor
3542	4	1.777	Tryptophan transaminase inhibitor
3543	38	1.375	Tryptophan-tRNA ligase inhibitor
3544	5	1.970	Tryptophanamidase inhibitor
3545	3	1.120	Tryptophanyl aminopeptidase inhibitor
3546	6	0.519	Tubulin GTPase inhibitor
3547	908	2.316	Tubulin antagonist
3548	17	1.644	Tubulin-tyrosine ligase inhibitor
3549	6	0.275	Tubuliny-Tyr carboxypeptidase inhibitor
3550	7	25.332	Tumour necrosis factor agonist
3551	530	5.083	Tumour necrosis factor alpha antagonist
3552	990	3.860	Tumour necrosis factor alpha release inhibitor
3553	690	6.654	Tumour necrosis factor antagonist
3554	6	0.692	Tyrosine 2,3-aminomutase inhibitor
3555	10	15.177	Tyrosine 3 hydroxylase inhibitor
3556	3	0.006	Tyrosine 3 hydroxylase stimulant
3557	4007	4.436	Tyrosine kinase inhibitor
3558	20	0.222	Tyrosine phenol-lyase inhibitor
3559	34	1.666	Tyrosine transaminase inhibitor
3560	24	1.494	Tyrosine-ester sulfotransferase inhibitor
3561	67	0.368	Tyrosine-protein kinase EMT inhibitor
3562	4	18.842	Tyrosine-protein kinase TYRO 10 inhibitor
3563	177	1.850	Tyrosine-protein kinase receptor FLT3 inhibitor
3564	109	0.997	Tyrosine-protein kinase receptor inhibitor
3565	42	0.137	UDP-3-O-acyl-N-acetylglucosamine deacetylase inhibitor
3566	10	1.228	UDP-N-acetylglucosamine 1-carboxyvinyltransferase inhibitor

No.	N	IEP	Activity Name
3567	7	1.242	UDP-N-acetylglucosamine 2-epimerase inhibitor
3568	3	11.657	UDP-N-acetylglucosamine 4-epimerase inhibitor
3569	8	0.988	UDP-N-acetylglucosamine diphosphorylase inhibitor
3570	11	2.450	UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglucosaminephosphotransferase inhibitor
3571	9	0.512	UDP-N-acetylglucosamine-lysosomal-enzyme N-acetylglucosaminephosphotransferase inhibitor
3572	10	1.065	UDP-N-acetylmuramate dehydrogenase inhibitor
3573	18	2.899	UDP-N-acetylmuramate-L-alanine ligase inhibitor
3574	17	0.472	UDP-N-acetylmuramoylalanine-D-glutamate ligase inhibitor
3575	8	0.054	UDP-N-acetylmuramoylalanyl-D-glutamate-2,6-diaminopimelate ligase inhibitor
3576	25	0.845	UDP-glucose 4-epimerase inhibitor
3577	8	5.470	UDP-glucose 6-dehydrogenase inhibitor
3578	18	2.966	UDP-glucose-hexose-1-phosphate uridylyltransferase inhibitor
3579	13	0.031	UDP-glucuronate 4-epimerase inhibitor
3580	3	0.032	UDP-glucuronate 5'-epimerase inhibitor
3581	12	0.688	UDP-glucuronate decarboxylase inhibitor
3582	591	9.008	UDP-glucuronosyltransferase substrate
3583	4	0.661	UDP-sugar diphosphatase inhibitor
3584	319	9.008	UGT1A substrate
3585	119	8.467	UGT1A1 substrate
3586	96	7.764	UGT1A10 substrate
3587	116	7.814	UGT1A3 substrate
3588	125	7.178	UGT1A4 substrate
3589	17	2.547	UGT1A5 substrate
3590	80	11.658	UGT1A6 substrate
3591	55	9.534	UGT1A7 substrate
3592	96	5.705	UGT1A8 substrate
3593	106	13.306	UGT1A9 substrate
3594	218	7.396	UGT2B substrate
3595	30	7.118	UGT2B1 substrate
3596	20	9.679	UGT2B10 substrate
3597	37	4.818	UGT2B11 substrate
3598	86	6.443	UGT2B15 substrate
3599	17	13.743	UGT2B17 substrate
3600	7	17.287	UGT2B18 substrate
3601	6	14.274	UGT2B19 substrate
3602	19	4.808	UGT2B20 substrate
3603	6	14.274	UGT2B23 substrate
3604	8	4.682	UGT2B28 substrate

No.	N	IEP	Activity Name
3605	5	0.958	UGT2B30 substrate
3606	3	0.983	UGT2B33 substrate
3607	38	14.042	UGT2B4 substrate
3608	5	0.958	UGT2B4D substrate
3609	5	0.958	UGT2B4E substrate
3610	143	7.904	UGT2B7 substrate
3611	26	2.484	UGT2B7H substrate
3612	28	2.288	UGT2B7Y substrate
3613	36	6.120	UGT2B9 substrate
3614	10	0.042	UTP-glucose-1-phosphate uridylyltransferase inhibitor
3615	10	20.419	Ubiquinol-cytochrome-c reductase inhibitor
3616	6	1.052	Ubiquitin thiolesterase inhibitor
3617	19	3.640	Ubiquitin-protein ligase inhibitor
3618	3	0.017	Ulcerative colitis treatment
3619	5	2.179	Undecaprenyl-diphosphatase inhibitor
3620	7	0.286	Undecaprenyl-phosphate galactose phosphotransferase inhibitor
3621	3	6.553	Undecaprenyl-phosphate mannosyltransferase inhibitor
3622	3	4.471	Undecaprenyldiphospho-muramoylpentapeptide beta-N-acetylglucosaminyltransferase inhibitor
3623	14	0.610	Uracil phosphoribosyltransferase inhibitor
3624	12	8.318	Urate-ribonucleotide phosphorylase inhibitor
3625	16	10.733	Urease inhibitor
3626	10	13.391	Urethanase inhibitor
3627	59	8.585	Uric acid excretion stimulant
3628	7	0.921	Uridine kinase inhibitor
3629	15	1.229	Uridine nucleosidase inhibitor
3630	95	0.280	Uridine phosphorylase inhibitor
3631	498	8.542	Urinary incontinence treatment
3632	16	0.836	Urocanate hydratase inhibitor
3633	325	0.543	Urokinase inhibitor
3634	30	1.126	Uroporphyrinogen decarboxylase inhibitor
3635	9	6.951	Uroporphyrinogen-III synthase inhibitor
3636	31	0.001	Urotensin II agonist
3637	9	2.350	Urotensin II antagonist
3638	45	8.902	Uterine relaxant
3639	25	2.565	Uterine stimulant
3640	152	3.285	VCAM antagonist
3641	151	3.099	VCAM-1 antagonist
3642	3	7.433	VCAM1 expression inhibitor

No.	N	IEP	Activity Name
3643	37	3.134	VEGF expression inhibitor
3644	5	0.000	VEGFR2 expression inhibitor
3645	776	0.190	VLA-4 antagonist
3646	4	1.415	Valine decarboxylase inhibitor
3647	6	0.739	Valine dehydrogenase (NADP+) inhibitor
3648	3	0.007	Valine-pyruvate transaminase inhibitor
3649	10	3.054	Valine-tRNA ligase inhibitor
3650	17	0.944	Vanilloid 1 agonist
3651	168	0.972	Vanilloid 1 antagonist
3652	18	1.392	Vanilloid agonist
3653	196	0.930	Vanilloid antagonist
3654	7	0.590	Vanillyl-alcohol oxidase inhibitor
3655	275	13.846	Vascular (periferal) disease treatment
3656	177	3.739	Vascular endothelial growth factor 1 antagonist
3657	1177	1.773	Vascular endothelial growth factor 2 antagonist
3658	52	5.442	Vascular endothelial growth factor 3 antagonist
3659	1747	2.674	Vascular endothelial growth factor antagonist
3660	908	12.890	Vasodilator
3661	34	16.954	Vasodilator, cerebral
3662	274	13.261	Vasodilator, coronary
3663	216	15.544	Vasodilator, peripheral
3664	35	25.575	Vasodilator, renal
3665	521	0.265	Vasopressin 1 antagonist
3666	493	0.218	Vasopressin 1A antagonist
3667	27	0.026	Vasopressin 1B antagonist
3668	447	0.203	Vasopressin 2 antagonist
3669	108	11.032	Vasopressor
3670	28	23.388	Vasoprotector
3671	8	13.656	Venom exonuclease inhibitor
3672	9	2.189	Venombin A inhibitor
3673	5	13.724	Venombin AB inhibitor
3674	6	0.001	Vesicle monoamine transporter 2 inhibitor
3675	6	0.001	Vesicle monoamine transporter inhibitor
3676	70	0.016	Vesicular acetylcholine transporter inhibitor
3677	4	0.000	Vesicular glutamate transport inhibitor
3678	12	0.199	Vibriolysin inhibitor
3679	90	0.036	Vitamin D receptor agonist
3680	159	0.015	Vitamin D-like

No.	N	IEP	Activity Name
3681	10	7.295	Vitamin D3 hydroxylase inhibitor
3682	9	0.011	Vitamin D3 receptor antagonist
3683	12	0.014	Vitamin D3-like
3684	20	0.040	Vitamin K-like
3685	7	6.061	Vitamin-K-epoxide reductase (warfarin-insensitive) inhibitor
3686	3	6.359	Vitamin-K-epoxide reductase (warfarin-sensitive) inhibitor
3687	1149	0.253	Vitronectin receptor antagonist
3688	6	2.054	Vomilenine glucosyltransferase inhibitor
3689	202	10.348	Wound healing agent
3690	22	3.049	X-His dipeptidase inhibitor
3691	21	1.943	X-Pro dipeptidase inhibitor
3692	7	0.820	X-Trp aminopeptidase inhibitor
3693	10	13.037	X-methyl-His dipeptidase inhibitor
3694	8	1.767	Xaa-Pro dipeptidyl-peptidase inhibitor
3695	32	5.982	Xanthine dehydrogenase inhibitor
3696	82	5.216	Xanthine oxidase inhibitor
3697	17	6.706	Xanthine oxidase substrate
3698	39	0.463	Xanthine phosphoribosyltransferase inhibitor
3699	27	0.198	Xanthine-like
3700	5	1.994	Xanthommatin reductase inhibitor
3701	12	15.121	Xenobiotic-transporting ATPase inhibitor
3702	14	0.860	Xylan 1,4-beta-xylosidase inhibitor
3703	5	3.814	Xylan endo-1,3-beta-xylosidase inhibitor
3704	11	1.664	Xylose isomerase inhibitor
3705	3	5.052	Yeast ribonuclease inhibitor
3706	57	2.191	ZAP-70 protein tyrosine kinase inhibitor
3707	36	1.121	[3-methyl-2-oxobutanoate dehydrogenase (lipoamide)] kinase inhibitor
3708	12	0.040	[3-methyl-2-oxobutanoate dehydrogenase (lipoamide)]-phosphatase inhibitor
3709	9	0.352	[Isocitrate dehydrogenase (NADP+)] kinase inhibitor
3710	5	0.399	[Skp1-protein]-hydroxyproline N-acetylglucosaminyltransferase inhibitor
3711	6	0.722	[acetyl-CoA carboxylase] kinase inhibitor
3712	7	5.711	[acyl-carrier-protein] S-acetyltransferase inhibitor
3713	10	1.765	[acyl-carrier-protein] S-malonyltransferase inhibitor
3714	4	0.126	[citrate-(pro-3S)-lyase] thioesterase inhibitor
3715	13	0.438	[glutamate-ammonia-ligase] adenylyltransferase inhibitor
3716	11	4.894	[hydroxymethylglutaryl-CoA reductase (NADPH)] kinase inhibitor
3717	8	0.318	[hydroxymethylglutaryl-CoA reductase (NADPH)]-phosphatase inhibitor
3718	3	2.170	[myelin basic protein]-arginine N-methyltransferase inhibitor

No.	N	IEP	Activity Name
3719	14	6.628	[phosphorylase] phosphatase inhibitor
3720	28	0.751	[protein-PII] uridylyltransferase inhibitor
3721	9	21.733	[pyruvate dehydrogenase (lipoamide)]-phosphatase inhibitor
3722	507	0.594	c-Src kinase inhibitor
3723	20	0.960	dCMP deaminase inhibitor
3724	10	0.433	dCTP deaminase inhibitor
3725	3	0.000	dCTP diphosphatase inhibitor
3726	7	0.495	dTDP-glucose 4,6-dehydratase inhibitor
3727	11	0.028	dTMP kinase (Mycobacterium tuberculosis) inhibitor
3728	28	0.042	dTMP kinase inhibitor
3729	14	0.737	dUTP diphosphatase inhibitor
3730	18	4.199	mRNA (guanine-N7-)-methyltransferase inhibitor
3731	16	0.004	mRNA (nucleoside-2'-O-)-methyltransferase inhibitor
3732	65	2.861	mTOR inhibitor
3733	5	0.000	p21-activated kinase 1 inhibitor
3734	21	0.006	p21-activated kinase 4 inhibitor
3735	21	0.006	p21-activated kinase inhibitor
3736	223	1.725	p38 MAP kinase inhibitor
3737	17	2.333	p53 inhibitor
3738	12	0.213	rRNA (adenosine-2'-O-)-methyltransferase inhibitor
3739	8	0.002	sAPP-alpha secretion enhancer
3740	6	0.118	tRNA (adenine-N1-)-methyltransferase inhibitor
3741	5	2.008	tRNA (cytosine-5-)-methyltransferase inhibitor
3742	4	0.976	tRNA (guanine-N1-)-methyltransferase inhibitor
3743	5	0.823	tRNA (guanine-N2-)-methyltransferase inhibitor
3744	6	1.223	tRNA (guanine-N7-)-methyltransferase inhibitor
3745	10	0.101	tRNA (uracil-5-)-methyltransferase inhibitor
3746	9	1.891	tRNA adenylyltransferase inhibitor
3747	16	1.267	tRNA cytidylyltransferase inhibitor
3748	22	0.717	tRNA methyltransferase inhibitor
3749	3	1.178	tRNA nucleotidyltransferase inhibitor
3750	3	3.799	tRNA-pseudouridine synthase I inhibitor