

Supporting Information

Graphene oxide-based fluorescent biosensor for high-throughput screening to discover SARS-CoV-2 RdRp inhibitor

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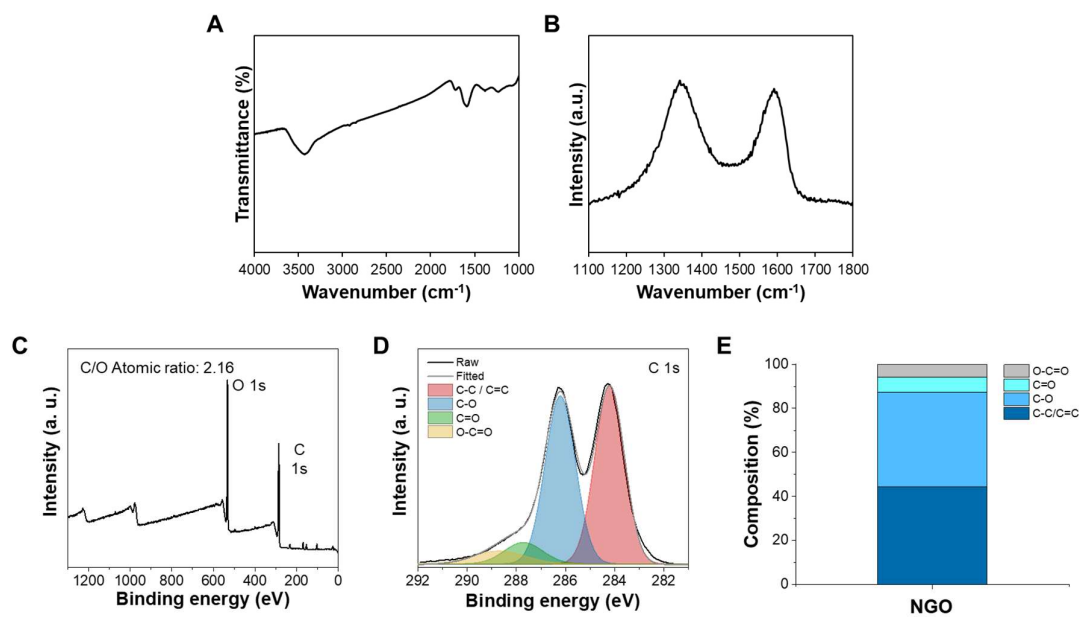


Figure S1. Characterization of NGO. (A) FT-IR spectrum of NGO, showing characteristic functional groups. (B) Raman spectrum of NGO, highlighting the D and G bands. (C) XPS survey scan displaying the C/O atomic ratio. (D) High-resolution C 1s XPS spectrum of NGO. (E) The quantitative composition of functional groups.

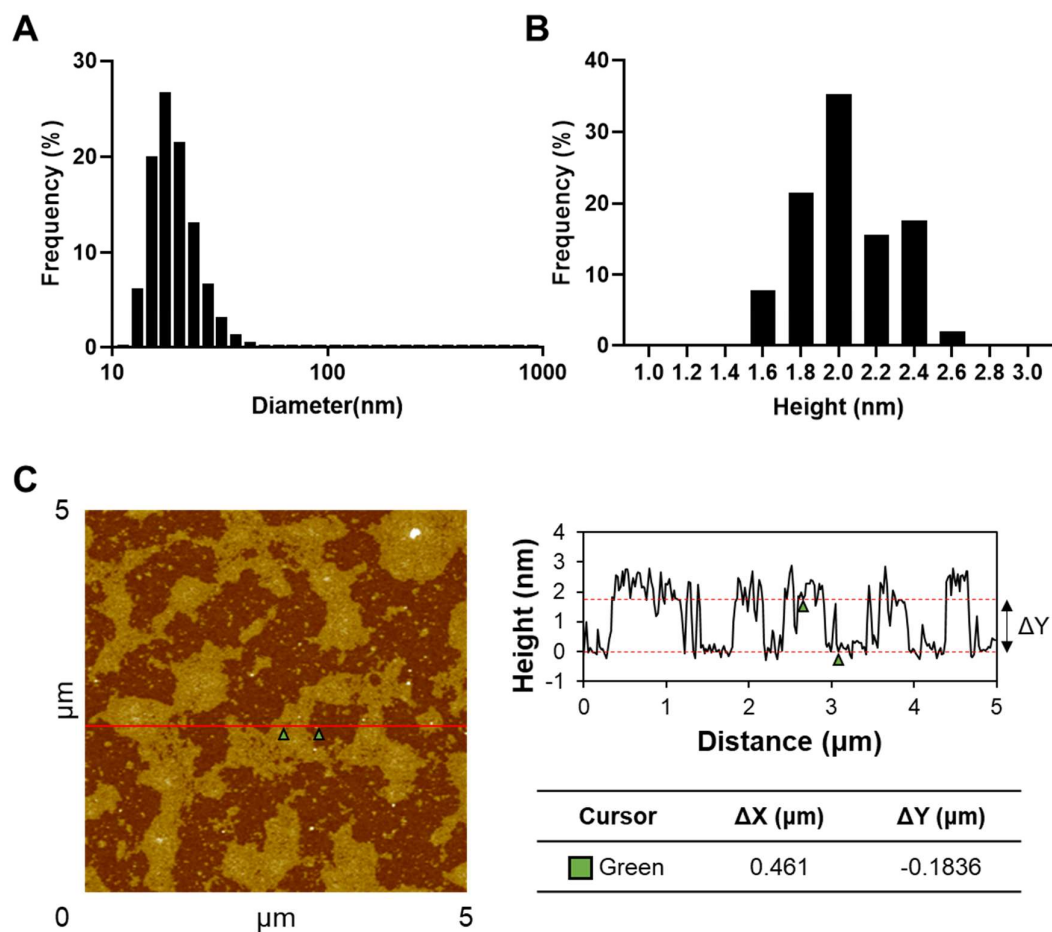


Figure S2. Morphological and dimensional analysis of NGO. (A) Hydrodynamic size of NGO distribution measured by DLS. (B) Height distribution histogram of NGO sheets. (C) AFM image of NGO with corresponding height profile analysis.

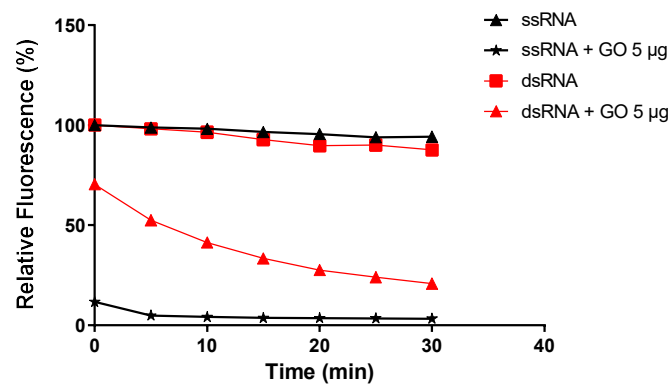


Figure S3. Time-dependent fluorescence quenching of ssRNA and dsRNA by NGO. The fluorescence intensity was monitored for 30 min in the presence or absence of 5 µg/mL NGO.

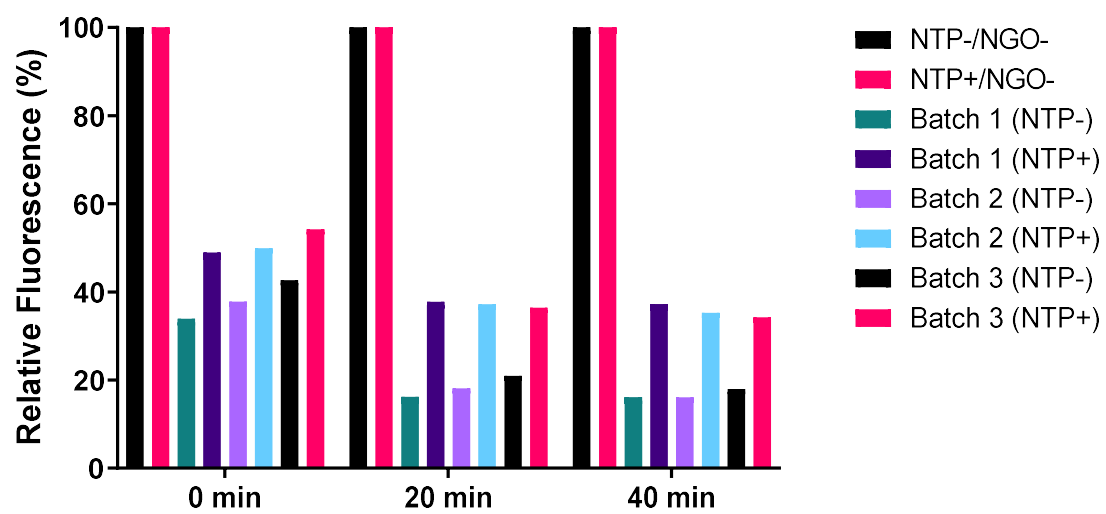


Figure S4. Batch-to-batch reproducibility of the NGO-based assay.

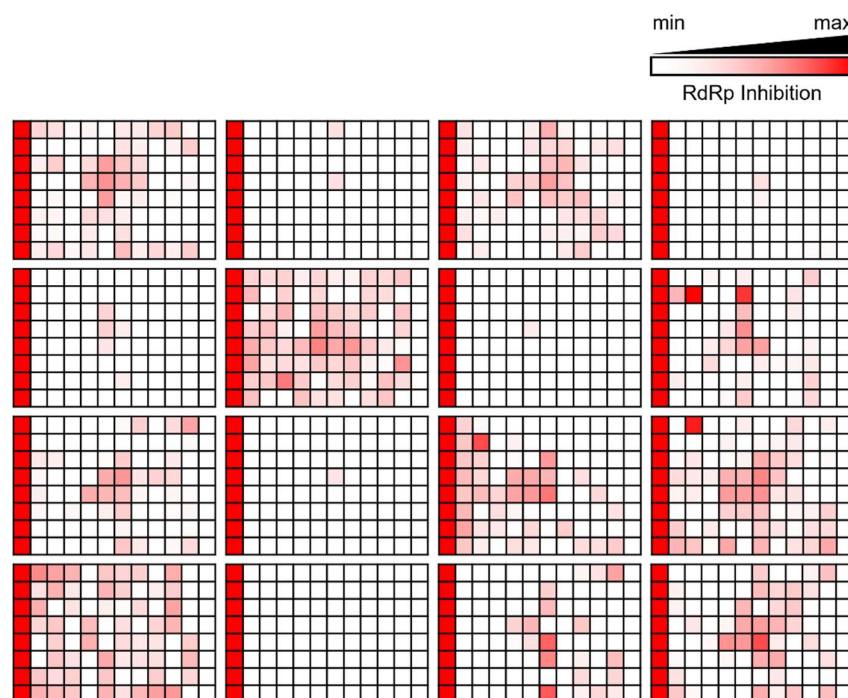


Figure S5. Schematic illustration of screening results for 1,443 FDA-approved chemical compounds. Each screening plate included negative controls (NTP-) in the first column and positive controls (NTP+) in the last column to ensure assay reliability.

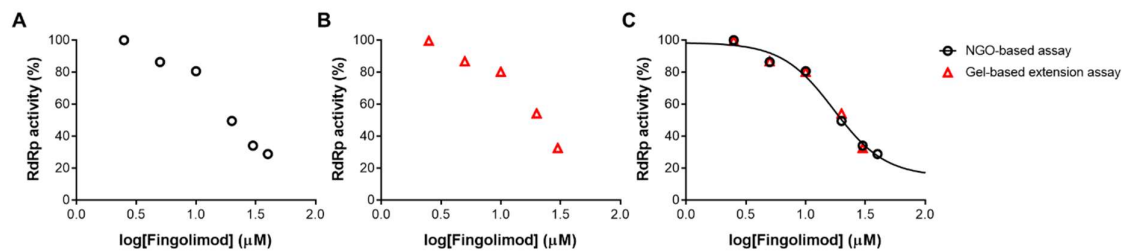


Figure S6. Comparison of NGO-based fluorescence assay and standard gel-based extension assay. (A) Dose-dependent inhibition of RdRp activity measured by the NGO-based assay. (B) Inhibition profile quantified from the conventional gel-based extension assay. (C) Merged plot of the inhibition curves from (A) and (B).

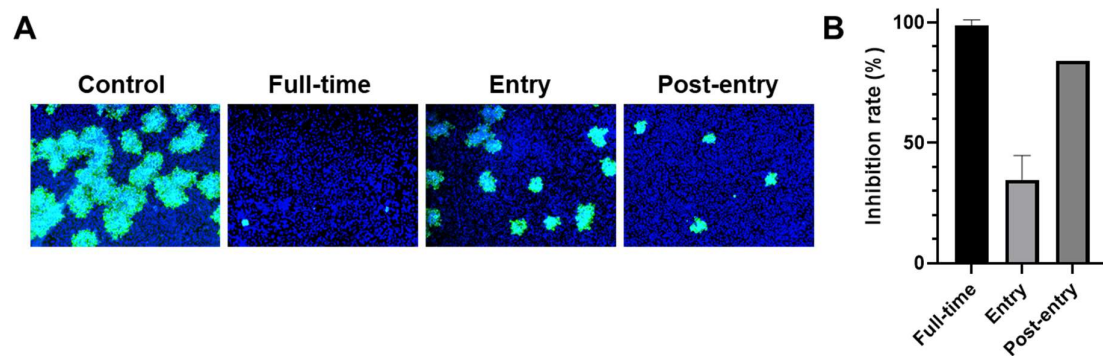


Figure S7. Time-of-addition assay of fingolimod against HCoV-OC43. (A) Representative immunofluorescence images and (B) viral inhibition rates under full-time, entry, and post-entry treatment conditions.

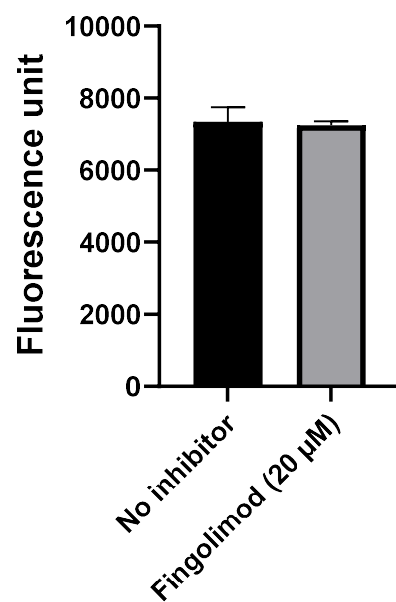


Figure S8. Selectivity profile of fingolimod against DENV RdRp. The inhibitory activity of fingolimod was tested against DENV RdRp using the NGO-based assay.

Table S1. A list of library compounds

Number	Name	CAS Number
1	ABT-263 (Navitoclax)	923564-51-6
2	Linifanib (ABT-869)	796967-16-3
3	Veliparib (ABT-888)	912444-00-9
4	Axitinib	319460-85-0
5	Saracatinib (AZD0530)	379231-04-6
6	FG-4592	808118-40-3
7	Selumetinib (AZD6244)	606143-52-6
8	Nintedanib (BIBF 1120)	656247-17-5
9	Afatinib (BIBW2992)	439081-18-2
10	Bortezomib (PS-341)	179324-69-7
11	Bosutinib (SKI-606)	380843-75-4
12	Cediranib (AZD2171)	288383-20-0
13	Dovitinib (TKI-258, CHIR-258)	405169-16-6
14	Dasatinib	302962-49-8
15	Erlotinib HCl (OSI-744)	183319-69-9
16	Gefitinib (ZD1839)	184475-35-2
17	Imatinib Mesylate (STI571)	220127-57-1
18	Lapatinib (GW-572016) Ditosylate	388082-77-7
19	Lenalidomide (CC-5013)	191732-72-6
20	Panobinostat (LBH589)	404950-80-7
21	Nilotinib (AMN-107)	641571-10-0
22	Pazopanib HCl	635702-64-6
23	Rapamycin (Sirolimus)	53123-88-9
24	Sorafenib Tosylate	475207-59-1
25	Sunitinib Malate	341031-54-7
26	Temsirolimus (CCI-779, NSC 683864)	162635-04-3
27	Vandetanib (ZD6474)	443913-73-3
28	Vorinostat (SAHA, MK0683)	149647-78-9
29	VX-680 (Tozasertib, MK-0457)	639089-54-6
30	Entinostat (MS-275)	209783-80-2
31	Enzastaurin (LY317615)	170364-57-5
32	Olaparib (AZD2281, Ku-0059436)	763113-22-0
33	Masitinib (AB1010)	790299-79-5
34	GDC-0941	957054-30-7
35	Crizotinib (PF-02341066)	877399-52-5, 877399-53-6 (acetate)
36	Vismodegib (GDC-0449)	879085-55-9
37	Belinostat (PXD101)	414864-00-9
38	Iniparib (BSI-201)	160003-66-7
39	PCI-24781 (Abexinostat)	783355-60-2
40	OSI-906 (Linsitinib)	867160-71-2
41	Quisinostat (JNJ-26481585)	875320-31-3
42	Rucaparib (AG-014699, PF-01367338)	459868-92-9
43	Vatalanib (PTK787) 2HCl	212141-51-0
44	Foretinib (GSK1363089)	849217-64-7
45	Triciribine	35943-35-2
46	Cabozantinib (XL184, BMS-907351)	849217-68-1

47	Everolimus (RAD001)	159351-69-6
48	Mocetinostat (MGCD0103)	726169-73-9
49	YM155 (Sepantronium Bromide)	781661-94-7
50	Alisertib (MLN8237)	1028486-01-2
51	Malotilate	59937-28-9
52	17-AAG (Tanespimycin)	75747-14-7
53	Ivacaftor (VX-770)	873054-44-5
54	Barasertib (AZD1152-HQPA)	722544-51-6
55	Docetaxel	114977-28-5
56	Paclitaxel	33069-62-4
57	Roscovitine (Seliciclib,CYC202)	186692-46-6
58	Capecitabine	154361-50-9
59	CEP-18770 (Delanzomib)	847499-27-8
60	Ganetespib (STA-9090)	888216-25-9
61	AT13387	912999-49-6
62	Lenvatinib (E7080)	417716-92-8
63	Valproic acid sodium salt (Sodium valproate)	1069-66-5
64	Regorafenib (BAY 73-4506)	755037-03-7
65	Ritonavir	155213-67-5
66	Anastrozole	120511-73-1
67	Aprepitant	170729-80-3
68	Bicalutamide	90357-06-5
69	Fulvestrant	129453-61-8
70	Raltitrexed	112887-68-0
71	Thalidomide	50-35-1
72	CUDC-101	1012054-59-9
73	TAK-700 (Orteronel)	566939-85-3
74	Exemestane	107868-30-4
75	Finasteride	98319-26-7
76	Irinotecan	97682-44-5
77	Cladribine	4291-63-8
78	Decitabine	2353-33-5
79	Dimesna	16208-51-8
80	Dutasteride	164656-23-9
81	Melatonin	73-31-4
82	Bisoprolol fumarate	104344-23-2
83	Tivozanib (AV-951)	475108-18-0
84	Doxorubicin (Adriamycin)	25316-40-9
85	Fluorouracil (5-Fluoracil, 5-FU)	51-21-8
86	Methotrexate	59-05-2
87	Imiquimod	99011-02-6
88	Bendamustine HCl	3543-75-7
89	Nelarabine	121032-29-9
90	Bleomycin Sulfate	9041-93-4
91	Clofarabine	123318-82-1
92	Dacarbazine	4342-03-4
93	Dexrazoxane HCl (ICRF-187, ADR-529)	149003-01-0
94	Epirubicin HCl	56390-09-1
95	Oxaliplatin	61825-94-3

96	Etoposide	33419-42-0
97	Raloxifene HCl	82640-04-8
98	Fludarabine Phosphate	75607-67-9
99	Flavopiridol (Alvocidib)	146426-40-6
100	Topotecan HCl	119413-54-6
101	Letrozole	112809-51-5
102	Temozolomide	85622-93-1
103	Tamoxifen	10540-29-1
104	Vincristine	2068-78-2
105	Agomelatine	138112-76-2
106	Amuvatinib (MP-470)	850879-09-3
107	Leflunomide	75706-12-6
108	Enzalutamide (MDV3100)	915087-33-1
109	Dienogest	65928-58-7
110	Entecavir Hydrate	209216-23-9
111	Nepafenac	78281-72-8
112	Rufinamide	106308-44-5
113	Posaconazole	171228-49-2
114	Prasugrel	150322-43-3
115	Ramelteon	196597-26-9
116	Cinacalcet HCl	364782-34-3
117	Celecoxib	169590-42-5
118	Avagacestat (BMS-708163)	1146699-66-2
119	Vemurafenib (PLX4032, RG7204)	918504-65-1
120	Acarbose	56180-94-0
121	Adapalene	106685-40-9
122	Altretamine	645-05-6
123	Amisulpride	71675-85-9
124	Aniracetam	72432-10-1
125	Artemisinin	63968-64-9
126	Asenapine	65576-45-6, 135883-08-8 (Maleic acid)
127	Benazepril HCl	86541-74-4
128	Budesonide	51333-22-3
129	Bumetanide	28395-03-1
130	Carmofur	61422-45-5
131	Cetirizine DiHCl	83881-52-1
132	Cilnidipine	132203-70-4
133	Cilostazol	73963-72-1
134	Floxuridine	50-91-9
135	FT-207 (NSC 148958)	17902-23-7
136	Ifosfamide	3778-73-2
137	Megestrol Acetate	595-33-5
138	Mercaptopurine (6-MP)	50-44-2
139	Streptozotocin (STZ)	18883-66-4
140	Dexamethasone (DHAP)	50-02-2
141	Doxazosin Mesylate	77883-43-3
142	Edaravone	89-25-8
143	Ellagic acid	476-66-4

144	Etodolac	41340-25-4
145	Etomidate	33125-97-2
146	Felbamate	25451-15-4
147	Fluconazole	86386-73-4
148	Flumazenil	78755-81-4
149	Fluoxetine HCl	56296-78-7
150	Fluvoxamine maleate	61718-82-9
151	Gatifloxacin	112811-59-3
152	Genistein	446-72-0
153	Glimepiride	93479-97-1
154	Ivermectin	70288-86-7
155	Ketoconazole	65277-42-1
156	Lansoprazole	103577-45-3
157	Levetiracetam	102767-28-2
158	Lidocaine	137-58-6
159	Loratadine	79794-75-5
160	Losartan Potassium (DuP 753)	124750-99-8
161	Rigosertib (ON-01910)	1225497-78-8
162	Epothilone B (EPO906, Patupilone)	152044-54-7
163	Amonafide	69408-81-7
164	Acitretin	55079-83-9
165	Bafetinib (INNO-406)	859212-16-1
166	Doripenem Hydrate	364622-82-2
167	Gestodene	60282-87-3
168	Drospirenone	67392-87-4
169	Ruxolitinib (INCB018424)	941678-49-5
170	Isotretinoin	4759-48-2
171	Lopinavir	192725-17-0
172	Meropenem	96036-03-2
173	Mianserin HCl	21535-47-7
174	Mosapride Citrate	112885-42-4
175	Nafamostat Mesylate	82956-11-4
176	Omeprazole	73590-58-6
177	Ondansetron HCl	99614-01-4
178	Oxcarbazepine	28721-07-5
179	Pelitinib (EKB-569)	257933-82-7
180	Pizotifen Malate	5189-11-7
181	Resveratrol	501-36-0
182	Rocuronium Bromide	119302-91-9
183	Stavudine (d4T)	3056-17-5
184	Tenofovir Disoproxil Fumarate	202138-50-9
185	Tenofovir	147127-20-6
186	Tigecycline	220620-09-7
187	Trilostane	13647-35-3
188	Vecuronium Bromide	50700-72-6
189	Linezolid	165800-03-3
190	Alfuzosin HCl	81403-68-1
191	Clopidogrel	120202-66-6
192	Prazosin HCl	19237-84-4

193	Ranolazine 2HCl	95635-56-6
194	Repaglinide	135062-02-1
195	Rolipram	61413-54-5
196	Sildenafil Citrate	171599-83-0
197	Sumatriptan Succinate	103628-48-4
198	Tamsulosin	106463-17-6, 106133-20-4 (free base)
199	Tianeptine sodium	30123-17-2
200	Tizanidine HCl	64461-82-1
201	Topiramate	97240-79-4
202	Tranilast	53902-12-8
203	Venlafaxine	99300-78-4
204	Voriconazole	137234-62-9
205	Zileuton	111406-87-2
206	Ziprasidone HCl	122883-93-6
207	Zonisamide	68291-97-4
208	Ispinesib (SB-715992)	336113-53-2
209	Cilomilast	153259-65-5
210	Zibotentan (ZD4054)	186497-07-4
211	Atazanavir Sulfate	229975-97-7
212	Ofloxacin	82419-36-1
213	Marbofloxacin	115550-35-1
214	Moxifloxacin HCl	186826-86-8
215	Doxercalciferol	54573-75-0
216	Alfacalcidol	41294-56-8
217	TSU-68 (SU6668, Orantinib)	252916-29-3
218	Safinamide Mesylate	202825-46-5
219	Pimasertib (AS-703026)	1236699-92-5
220	VX-222 (VCH-222, Lomibuvir)	1026785-55-6
221	Zosuquidar (LY335979) 3HCl	167465-36-3
222	Daclatasvir (BMS-790052)	1009119-64-5
223	Iloperidone	133454-47-4
224	Naratriptan	143388-64-1
225	Ponatinib (AP24534)	943319-70-8
226	Fludarabine	21679-14-1
227	Pralatrexate	146464-95-1
228	Betamethasone	378-44-9
229	Mycophenolate Mofetil	128794-94-5
230	Dyphylline	479-18-5
231	Aztreonam	78110-38-0
232	Irbesartan	138402-11-6
233	Alprostadil	745-65-3
234	Norfloxacin	70458-96-7
235	Lactulose	4618-18-2
236	Tadalafil	171596-29-5
237	Cyclosporine	79217-60-0
238	Pracinostat (SB939)	929016-96-6
239	Natamycin	7681-93-8
240	SAR245409 (XL765)	1349796-36-6

241	Quizartinib (AC220)	950769-58-1
242	Telaprevir (VX-950)	402957-28-2
243	Saxagliptin	361442-04-8
244	EX 527 (Selisistat)	49843-98-3
245	Febuxostat	144060-53-7
246	Dapagliflozin	461432-26-8
247	Nebivolol	152520-56-4
248	Pimobendan	74150-27-9
249	VX-809 (Lumacaftor)	936727-05-8
250	Pomalidomide	19171-19-8
251	Tazarotene	118292-40-3
252	Fasudil (HA-1077) HCl	105628-07-7
253	BIRB 796 (Doramapimod)	285983-48-4
254	Sulfasalazine	599-79-1
255	Candesartan	139481-59-7
256	Apixaban	503612-47-3
257	Semagacestat (LY450139)	425386-60-3
258	Reserpine	50-55-5
259	Furosemide	54-31-9
260	Olmesartan Medoxomil	144689-63-4
261	Cefdinir	91832-40-5
262	Clotrimazole	23593-75-1
263	Rizatriptan Benzoate	145202-66-0
264	Pyridostigmine Bromide	101-26-8
265	Methimazole	60-56-0
266	Metolazone	17560-51-9
267	Cefoperazone	62893-19-0
268	Silodosin	160970-54-7
269	Riluzole	1744-22-5
270	Risperidone	106266-06-2
271	Sulfapyridine	144-83-2
272	Sulfameter	651-06-9
273	Prilocaine	721-50-6
274	Darunavir Ethanolate	635728-49-3
275	Theophylline	58-55-9
276	Prednisone	53-03-2
277	Acetylcysteine	616-91-1
278	Alendronate	121268-17-5
279	Ethinyl Estradiol	57-63-6
280	Naproxen	26159-34-2
281	Nitazoxanide	55981-09-4
282	Triamcinolone Acetonide	76-25-5
283	Orlistat	96829-58-2
284	Allopurinol	315-30-0
285	Zafirlukast	107753-78-6
286	Acetaminophen	103-90-2,16958-94-4 (sodium salt)
287	Erythromycin	114-07-8
288	Amphotericin B	1397-89-3
289	Ibuprofen	15687-27-1

290	Amprenavir	161814-49-9
291	Albendazole	54965-21-8
292	Chlorothiazide	58-94-6
293	Methyldopa	555-30-6
294	Ursodiol	128-13-2
295	Nitrofurantoin	59-87-0
296	Ketoprofen	22071-15-4
297	Ketorolac	74103-07-4
298	Adenosine	58-61-7
299	Zolmitriptan	139264-17-8
300	Telbivudine	3424-98-4
301	Monobenzene	103-16-2
302	Tretinoin	302-79-4
303	Phenylbutazone	50-33-9
304	Ezetimibe	163222-33-1
305	Enalaprilat Dihydrate	84680-54-6
306	Dofetilide	115256-11-6
307	Isradipine	75695-93-1
308	Estrone	53-16-7
309	Flucytosine	2022-85-7
310	Trichlormethiazide	133-67-5
311	Loteprednol etabonate	82034-46-6
312	(6-) ε-Aminocaproic acid	60-32-2
313	Aminogluthethimide	125-84-8
314	Aminophylline	317-34-0
315	Amorolfine HCl	78613-38-4
316	Chloramphenicol	56-75-7
317	Flurbiprofen	51543-39-6
318	Disulfiram	97-77-8
319	Mesalamine	89-57-6
320	Ipratropium Bromide	22254-24-6
321	Sulfanilamide	63-74-1
322	Betamethasone Dipropionate	5593-20-4
323	Meprednisone	1247-42-3
324	Betamethasone valerate (Betnovate)	2152-44-5
325	Praziquantel	55268-74-1
326	Busulfan	55-98-1
327	Carbamazepine	298-46-4
328	Hydrocortisone	50-23-7
329	Torsemide	56211-40-6
330	Desonide	638-94-8
331	Didanosine	69655-05-6
332	Divalproex Sodium	76584-70-8
333	Emtricitabine	143491-57-0
334	Progesterone	57-83-0
335	Lamivudine	134678-17-4
336	Eplerenone	107724-20-9
337	Hydrochlorothiazide	58-93-5
338	Estradiol	50-28-2

339	Deferasirox	201530-41-8
340	Piroxicam	36322-90-4
341	Gemcitabine	95058-81-4
342	Glipizide	29094-61-9
343	Glyburide	10238-21-8
344	Fomepizole	7554-65-6
345	Adefovir Dipivoxil	142340-99-6
346	Zalcitabine	7481-89-2
347	Azathioprine	446-86-6
348	Indomethacin	53-86-1
349	Paliperidone	144598-75-4
350	Terbinafine	91161-71-6
351	Levonorgestrel	797-63-7
352	Gemfibrozil	25812-30-0
353	Indapamide	26807-65-8
354	Mitotane	53-19-0
355	Methylprednisolone	83-43-2
356	Meloxicam	71125-38-7
357	Mesna	19767-45-4
358	Methocarbamol	532-03-6
359	Prednisolone	50-24-8
360	Telmisartan	144701-48-4
361	Thiabendazole	148-79-8
362	Guaifenesin	93-14-1
363	Rifabutin	72559-06-9
364	Nevirapine	129618-40-2
365	Esomeprazole Magnesium	161973-10-0
366	Nicotinic Acid	59-67-6
367	Nimodipine	66085-59-4
368	Nisoldipine	63675-72-9
369	Oxybutynin	5633-20-5
370	Enoxacin	74011-58-8
371	Pitavastatin Calcium	147526-32-7
372	Rifapentine	61379-65-5
373	Suprofen	40828-46-4
374	Pyrazinamide	98-96-4
375	Quetiapine Fumarate	111974-72-2
376	Rifampin	13292-46-1
377	Cefditoren Pivoxil	117467-28-4
378	Sulfadiazine	68-35-9
379	Chlorprothixene	113-59-7
380	Oxytetracycline (Terramycin)	79-57-2
381	Toremifene Citrate	89778-27-8
382	Ethionamide	536-33-4
383	Trifluridine	70-00-8
384	Azacitidine	320-67-2
385	Vidarabine	5536-17-4
386	Teniposide	29767-20-2
387	Stanozolol	10418-03-8

388	Tetrabenazine (Xenazine)	58-46-8
389	Rifaximin	80621-81-4
390	Simvastatin	79902-63-9
391	Ramipril	87333-19-5
392	Fenofibrate	49562-28-9
393	Ranolazine	95635-55-5
394	Ranitidine	66357-59-3
395	Acadesine	2627-69-2
396	Acetylcholine Chloride	60-31-1
397	Acipimox	51037-30-0
398	Aciclovir	59277-89-3
399	Nifedipine	21829-25-4
400	Amiloride HCl	2016-88-8
401	Amlodipine besylate (Norvasc)	111470-99-6
402	Chlorpheniramine Maleate	113-92-8
403	Fenoprofen Calcium	34597-40-5
404	Erdosteine	84611-23-4
405	Betaxolol hydrochloride (Betoptic)	63659-19-8
406	Proparacaine HCl	5875-06-9
407	Pranlukast	103177-37-3
408	Oxfendazole	53716-50-0
409	Carvedilol	72956-09-3
410	Atracurium Besylate	64228-81-5
411	Butoconazole nitrate	64872-77-1
412	Azithromycin	83905-01-5
413	Albendazole Oxide	54029-12-8
414	Flubendazole	31430-15-6
415	Chloroxine	773-76-2
416	Lomustine	13010-47-4
417	Chenodeoxycholic Acid	474-25-9
418	Cimetidine	51481-61-9
419	Clemastine Fumarate	14976-57-9
420	Curcumin	458-37-7
421	Bifonazole	60628-96-8
422	Pefloxacin Mesylate	70458-95-6
423	Metoprolol Tartrate	392-17-7
424	Diethylstilbestrol	56-53-1
425	Diltiazem HCl	33286-22-5
426	Diphenhydramine HCl	147-24-0
427	Dapoxetine HCl	129938-20-1
428	Valaciclovir HCl	124832-27-5
429	Ganciclovir	82410-32-0
430	Roxatidine Acetate HCl	93793-83-0
431	Protionamide	14222-60-7
432	Idoxuridine	54-42-2
433	Sparfloxacin	110871-86-8
434	Felodipine	72509-76-3
435	Deflazacort	14484-47-0
436	Nizatidine	76963-41-2

437	Carbidopa	28860-95-9
438	Valsartan	137862-53-4
439	Dipyridamole	58-32-2
440	Hydroxyurea	127-07-1
441	Potassium Iodide	7681-11-0
442	Tropisetron	105826-92-4
443	Nicotinamide (Vitamin B3)	98-92-0
444	Vitamin B12	68-19-9
445	Diclofenac Sodium	15307-79-6
446	Avobenzone	70356-09-1
447	Amlodipine	88150-42-9
448	Metronidazole	443-48-1
449	Flutamide	13311-84-7
450	Fluvastatin Sodium	93957-55-2
451	Tioconazole	65899-73-2
452	Tropicamide	1508-75-4
453	Pregnenolone	145-13-1
454	Sulfamethoxazole	723-46-6
455	Sulfisoxazole	127-69-5
456	Crystal Violet	548-62-9
457	Haloperidol	52-86-8
458	Phenindione	83-12-5
459	Alibendol	26750-81-2
460	Irsogladine	57381-26-7
461	Triamcinolone	124-94-7
462	Nystatin (Fungicidin)	1400-61-9
463	Isoniazid	54-85-3
464	Levofloxacin	100986-85-4
465	Enalapril Maleate	76095-16-4
466	Menadione	58-27-5
467	Methoxsalen	298-81-7
468	Miconazole Nitrate	22832-87-7
469	Sulfamethizole	144-82-1
470	Sulbactam	68373-14-8
471	Tolfenamic Acid	13710-19-5
472	Pranoprofen	52549-17-4
473	Sulphadimethoxine	122-11-2
474	Rimantadine	13392-28-4
475	Primidone	125-33-7
476	Nefiracetam	77191-36-7
477	Nicorandil	65141-46-0
478	Tamoxifen Citrate	54965-24-1
479	Meglumine	6284-40-8
480	Aripiprazole	129722-12-9
481	Sarafloxacin HCl	91296-87-6
482	Methscopolamine	155-41-9
483	Amiodarone HCl	19774-82-4
484	Meclizine 2HCl	1104-22-9
485	Mometasone furoate	83919-23-7

486	Propylthiouracil	51-52-5
487	Fluticasone propionate	80474-14-2
488	Lacidipine	103890-78-4
489	Elvitegravir (GS-9137, JTK-303)	697761-98-1
490	Maraviroc	376348-65-1
491	Raltegravir (MK-0518)	518048-05-0
492	Pyrimethamine	58-14-0
493	Sulindac	38194-50-2
494	Pramipexole dihydrochloride monohydrate	191217-81-9
495	Mirtazapine	85650-52-8
496	Benidipine HCl	91599-74-5
497	Formoterol Hemifumarate	43229-80-7
498	Chlormezanone	80-77-3
499	Ketotifen Fumarate	34580-14-8
500	Urapidil HCl	64887-14-5
501	Diclazuril	101831-37-2
502	Uridine	58-96-8
503	Flunarizine 2HCl	30484-77-6
504	Fenticonazole Nitrate	73151-29-8
505	Rebamipide	90098-04-7
506	Epalrestat	82159-09-9
507	Aspartame	22839-47-0
508	Candesartan Cilexetil	145040-37-5
509	Phentolamine Mesylate	65-28-1
510	Nimesulide	51803-78-2
511	Dyclonine HCl	536-43-6
512	Cyproterone Acetate	427-51-0
513	Memantine HCl	41100-52-1
514	Cyproheptadine HCl	969-33-5
515	Doxifluridine	3094-09-5
516	Pioglitazone HCl	112529-15-4
517	Lornoxicam	70374-39-9
518	Captopril	62571-86-2
519	Oxytetracycline Dihydrate	6153-64-6
520	Orphenadrine Citrate	4682-36-4
521	Gimeracil	103766-25-2
522	Cyclophosphamide Monohydrate	6055-19-2
523	Tolnaftate	2398-96-1
524	Terazosin HCl	70024-40-7
525	Bromhexine HCl	611-75-6
526	Lovastatin	75330-75-5
527	Tiopronin	1953-02-2
528	Balofloxacin	127294-70-6
529	Lafutidine	118288-08-7
530	Moxonidine	75438-57-2
531	Ozagrel HCl	78712-43-3
532	Argatroban	74863-84-6
533	Mecarbinat	15574-49-9
534	Rosiglitazone HCl	302543-62-0

535	Atorvastatin Calcium	134523-03-8
536	Famotidine	76824-35-6
537	Moexipril HCl	82586-52-5
538	Clevidipine Butyrate	167221-71-8
539	Cilazapril Monohydrate	92077-78-6
540	Adiphenine HCl	50-42-0
541	Duloxetine HCl	136434-34-9
542	Trimebutine	39133-31-8
543	Ivabradine HCl	148849-67-6
544	Rivastigmine Tartrate	129101-54-8
545	Dexmedetomidine HCl (Precedex)	145108-58-3
546	Betaxolol	659-18-7
547	Detomidine HCl	90038-01-0
548	Almotriptan Malate	181183-52-8
549	Ambrisentan	177036-94-1
550	Bexarotene	153559-49-0
551	Temocapril HCl	110221-44-8
552	Gabexate Mesylate	56974-61-9
553	Rasagiline Mesylate	161735-79-1
554	Naltrexone HCl	16676-29-2
555	Levosulpiride	23672-07-3
556	Flunixin Meglumin	42461-84-7
557	Imidapril HCl	89371-37-9
558	Vinpocetine	42971-09-5
559	Lapatinib	231277-92-2
560	Cisatracurium Besylate	96946-42-8
561	Dronedarone HCl	141625-93-6
562	Conivaptan HCl	168626-94-6
563	Ibutilide Fumarate	122647-32-9
564	Probucol	23288-49-5
565	Licofelone	156897-06-2
566	Dextrose	50-99-7
567	Xylose	25990-60-7
568	Mestranol	72-33-3
569	Naftopidil	57149-07-2
570	S- (+)-Rolipram	85416-73-5
571	Bazedoxifene HCl	198480-56-7
572	Atropine	5908-99-6
573	Roflumilast	162401-32-3
574	Neratinib (HKI-272)	698387-09-6
575	LDE225 (NVP-LDE225,Erismodegib)	956697-53-3
576	Sitafloxacin Hydrate	163253-35-8
577	Dabigatran Etxilate	211915-06-9
578	Taladegib (LY2940680)	1258861-20-9
579	Tebipenem Pivoxil	161715-24-8
580	Bazedoxifene Acetate	198481-33-3
581	Rosuvastatin Calcium	147098-20-2
582	Telotristat Etiprate (LX 1606 Hippurate)	11137608-69-5
583	LY2784544	1229236-86-5

584	MLN2238	1072833-77-2
585	Aliskiren Hemifumarate	173334-58-2
586	R788 (Fostamatinib) Disodium	1025687-58-4
587	Formestane	566-48-3
588	Mubritinib (TAK 165)	366017-09-6
589	Irinotecan HCl Trihydrate	136572-09-3
590	Apatinib	811803-05-1
591	CAL-101 (Idelalisib, GS-1101)	870281-82-6
592	Eltrombopag Olamine	496775-62-3
593	LY2157299	700874-72-2
594	Esomeprazole Sodium	161796-78-7
595	Volasertib (BI 6727)	755038-65-4
596	Fesoterodine Fumarate	286930-03-8
597	CX-4945 (Silmitasertib)	1009820-21-6
598	Artemether	71963-77-4
599	Cyclosporin A	59865-13-3
600	DL-Carnitine HCl	461-05-2
601	Nalidixic acid	389-08-2
602	Orotic acid (6-Carboxyuracil)	65-86-1
603	Piperine	94-62-2
604	Rutin	153-18-4
605	Silibinin	22888-70-6
606	D-Mannitol	69-65-8
607	L-carnitine	541-15-1
608	Sorbitol	50-70-4
609	Tolbutamide	64-77-7
610	Levosimendan	141505-33-1
611	Amantadine HCl	665-66-7
612	Amfebutamone HCl	31677-93-7
613	Benserazide HCl	14919-77-8
614	Bupivacaine HCl	18010-40-7
615	Bethanechol chloride	590-63-6
616	Chlorpromazine HCl	69-09-0
617	Clindamycin HCl	21462-39-5
618	Clonidine HCl	4205-91-8
619	Clozapine	5786-21-0
620	Pramipexole	104632-26-0
621	Domperidone	57808-66-9
622	Estriol	50-27-1
623	Famciclovir	104227-87-4
624	Fluocinolone Acetonide	67-73-2
625	Gallamine Triethiodide	65-29-2
626	Imatinib (STI571)	152459-95-5
627	Itraconazole	84625-61-6
628	Lincomycin HCl	859-18-7
629	Loperamide HCl	34552-83-5
630	Manidipine	89226-50-6
631	Manidipine 2HCl	89226-75-5
632	Milrinone	78415-72-2

633	Mitoxantrone HCl	70476-82-3
634	Moroxydine HCl	3160-91-6
635	Mycophenolic acid	24280-93-1
636	Nateglinide	105816-04-4
637	Nitrendipine	39562-70-4
638	Novobiocin Sodium	1476-53-5
639	Olanzapine	132539-06-1
640	Olopatadine HCl	140462-76-6
641	Oxymetazoline hydrochloride	2315-02-8
642	Ozagrel	82571-53-7
643	Pancuronium dibromide	15500-66-0
644	Phenoxybenzamine HCl	63-92-3
645	Propafenone HCl	34183-22-7
646	Racecadotril	81110-73-8
647	Ribavirin	36791-04-5
648	Rosiglitazone maleate	155141-29-0
649	Roxithromycin	80214-83-1
650	Scopolamine HBr	114-49-8
651	Sotalol	959-24-0
652	Spectinomycin HCl	21736-83-4
653	Sulfadoxine	2447-57-6
654	Tenoxicam	59804-37-4
655	Vardenafil HCl Trihydrate	224785-90-4
656	Xylazine HCl	23076-35-9
657	Maprotiline HCl	10347-81-6
658	Naphazoline HCl	550-99-2
659	Epinephrine Bitartrate	51-42-3
660	L-Adrenaline	51-43-4
661	Phenytoin sodium	630-93-3
662	Phenytoin	57-41-0
663	Ciclopirox	29342-05-0
664	Dopamine HCl	62-31-7
665	Ritodrine HCl	23239-51-2
666	Isoconazole nitrate	24168-96-5
667	Econazole nitrate	24169-02-6
668	Miconazole	22916-47-8
669	Secnidazole	3366-95-8
670	Acetanilide	103-84-4
671	Clomipramine HCl	17321-77-6
672	Phenformin HCl	834-28-6
673	Ceftiofur HCl	103980-44-5
674	Tiotropium Bromide hydrate	139404-48-1
675	Trospium chloride	10405-02-4
676	Tolterodine tartrate	124937-52-6
677	Sulbactam sodium	69388-84-7
678	Azelastine HCl	79307-93-0
679	5-Aminolevulinic acid HCl	5451-09-2
680	Clarithromycin	81103-11-9
681	Rosiglitazone	122320-73-4

682	Terbinafine HCl	78628-80-5
683	Cortisone acetate	50-04-4
684	Amiloride hydrochloride dihydrate	17440-83-4
685	Clomifene citrate	50-41-9
686	Cloxacillin Sodium	7081-44-9
687	Amoxicillin Sodium	34642-77-8
688	Isoprenaline HCl	51-30-9
689	Medroxyprogesterone acetate	71-58-9
690	Phenylephrine HCl	61-76-7
691	Prednisolone Acetate	52-21-1
692	Tetracaine HCl	136-47-0
693	Tetracycline HCl	64-75-5
694	Xylometazoline HCl	1218-35-5
695	Phenacetin	62-44-2
696	Zidovudine	30516-87-1
697	Quinapril HCl	82586-55-8
698	Trazodone HCl	25332-39-2
699	Thiamphenicol	15318-45-3
700	Clobetasol propionate	25122-46-7
701	Brompheniramine hydrogen maleate	980-71-2
702	Dimethyl Fumarate	624-49-7
703	Miglitol	72432-03-2
704	Pioglitazone	111025-46-8
705	Tolvaptan	150683-30-0
706	Pramiracetam	68497-62-1
707	Clindamycin palmitate HCl	25507-04-4
708	Oseltamivir Phosphate	204255-11-8
709	L-Thyroxine	51-48-9
710	Gliclazide	21187-98-4
711	Acemetacin	53164-05-9
712	Tioxolone	4991-65-5
713	Idebenone	58186-27-9
714	Mifepristone	84371-65-3
715	Buflomedil HCl	35543-24-9
716	Fluocinonide	356-12-7
717	Lonidamine	50264-69-2
718	Clorsulon	60200-06-8
719	Arecoline	300-08-3
720	Noradrenaline bitartrate monohydrate	108341-18-0
721	Fostamatinib (R788)	901119-35-5
722	GSK2126458 (GSK458)	1086062-66-9
723	Ciprofibrate	52214-84-3
724	Dolutegravir (GSK1349572)	1051375-16-6
725	Trametinib (GSK1120212)	871700-17-3
726	Ibrutinib (PCI-32765)	936563-96-1
727	Resminostat	864814-88-0
728	Nilvadipine	75530-68-6
729	Dacomitinib (PF299804, PF299)	1110813-31-4
730	Crenolanib (CP-868596)	670220-88-9

731	TG101348 (SAR302503)	936091-26-8
732	Tivantinib (ARQ 197)	905854-02-6
733	Varlitinib	845272-21-1
734	TH-302	918633-87-1
735	Canagliflozin	842133-18-0
736	Dinaciclib (SCH727965)	779353-01-4
737	Dovitinib (TKI-258) Dilactic Acid	852433-84-2
738	Tofacitinib (CP-690550, Tasocitinib)	477600-75-2
739	Sotrastaurin	425637-18-9
740	Sofosbuvir (PSI-7977, GS-7977)	1190307-88-0
741	Lonafarnib	193275-84-2
742	Galeterone	851983-85-2
743	Dabrafenib (GSK2118436)	1195765-45-7
744	BYL719	1217486-61-7
745	Tideglusib	865854-05-3
746	Clindamycin	18323-44-9
747	Carfilzomib (PR-171)	868540-17-4
748	Alogliptin	850649-61-5
749	Camostat Mesilate	59721-29-8
750	Prucalopride	179474-81-8
751	Cobicistat (GS-9350)	1004316-88-4
752	S-Ruxolitinib (INCB018424)	941685-37-6
753	Pirfenidone	53179-13-8
754	Evacetrapib (LY2484595)	1186486-62-3
755	Carbazochrome sodium sulfonate (AC-17)	51460-26-5
756	Clevudine	163252-36-6
757	Rivaroxaban	366789-02-8
758	Paroxetine HCl	78246-49-8
759	Zaltoprofen	74711-43-6
760	Pazopanib	444731-52-6
761	Amoxicillin	26787-78-0
762	Aspirin	50-78-2
763	Niflumic acid	4394-00-7
764	Ciclopirox ethanolamine	41621-49-2
765	Rimonabant	168273-06-1
766	Cabazitaxel	183133-96-2
767	Bufexamac	2438-72-4
768	Lamotrigine	84057-84-1
769	Linagliptin	668270-12-0
770	Bindarit	130641-38-2
771	Vildagliptin (LAF-237)	274901-16-5
772	Daunorubicin HCl	23541-50-6
773	Pravastatin sodium	81131-70-6
774	Bepotastine Besilate	190786-44-8
775	Fosaprepitant dimeglumine salt	265121-04-8
776	Rofecoxib	162011-90-7
777	Cinepazide maleate	26328-04-1
778	Azilsartan	147403-03-0
779	Otilonium Bromide	26095-59-0

780	Bosentan Hydrate	157212-55-0
781	Rupatadine Fumarate	182349-12-8
782	Azelinidipine	123524-52-7
783	Alverine Citrate	5560-59-8
784	Azilsartan Medoxomil	863031-21-4
785	Enrofloxacin	93106-60-6
786	Medetomidine HCl	86347-15-1
787	Epinephrine HCl	55-31-2
788	Diclofenac Potassium	15307-81-0
789	Diclofenac Diethylamine	78213-16-8
790	Ambroxol HCl	23828-92-4
791	Naloxone HCl	357-08-4
792	Chlorhexidine HCl	3697-42-5
793	Piracetam	7491-74-9
794	Caspofungin Acetate	179463-17-3
795	Dexmedetomidine	113775-47-6
796	Foscarnet Sodium	63585-09-1
797	Tazobactam	89786-04-9, 89785-84-2 (sodium salt)
798	Beclomethasone dipropionate	5534-09-8
799	Atovaquone	95233-18-4
800	Etravirine (TMC125)	269055-15-4
801	Ulipristal	159811-51-5
802	Indacaterol Maleate	753498-25-8
803	Moguisteine	119637-67-1
804	Nadifloxacin	124858-35-1
805	Pidotimod	121808-62-6
806	Pyridoxine HCl	58-56-0
807	Vitamin C	50-81-7
808	Sulfathiazole	72-14-0
809	Oxybutynin chloride	1508-65-2
810	Ornidazole	16773-42-5
811	Dexamethasone Acetate	1177-87-3
812	Trimethoprim	738-70-5
813	Biotin (Vitamin B7)	58-85-5
814	Sulfamerazine	127-79-7
815	Sulfamethazine	57-68-1
816	Sodium salicylate	54-21-7
817	Methylthiouracil	56-04-2
818	Methenamine	100-97-0
819	Milnacipran HCl	101152-94-7
820	Darifenacin HBr	133099-07-7
821	Entacapone	130929-57-6
822	Estradiol valerate	979-32-8
823	Articaine HCl	23964-57-0
824	Gliquidone	33342-05-1
825	Butenafine HCl	101827-46-7
826	Mepivacaine HCl	1722-62-9
827	Ethinodiol diacetate	297-76-7

828	Sertaconazole nitrate	99592-39-9
829	Tylosin tartrate	74610-55-2
830	Benztropine mesylate	132-17-2
831	Altrenogest	850-52-2
832	Ampicillin sodium	69-52-3
833	Anagrelide HCl	58579-51-4
834	Antipyrine	60-80-0
835	Atomoxetine HCl	82248-59-7
836	Betahistine 2HCl	5579-84-0
837	Brinzolamide	138890-62-7
838	Carbenicillin disodium	4800-94-6
839	Eletriptan HBr	177834-92-3
840	Flumequine	42835-25-6
841	Amitriptyline HCl	549-18-8
842	Adrenalone HCl	62-13-5
843	Azatadine dimaleate	3978-86-7
844	(+,-)-Octopamine HCl	770-05-8
845	Ropinirole HCl	91374-20-8
846	Azlocillin sodium salt	37091-65-9
847	Azacyclonol	115-46-8
848	Reboxetine mesylate	98769-84-7
849	Triflusal	322-79-2
850	Trifluoperazine 2HCl	440-17-5
851	Meptazinol HCl	59263-76-2
852	Fexofenadine HCl	153439-40-8
853	Moclobemide (Ro 111163)	71320-77-9
854	Pergolide mesylate	66104-23-2
855	Cabozantinib malate (XL184)	1140909-48-3
856	Sitagliptin phosphate monohydrate	654671-77-9
857	Lithocholic acid	434-13-9
858	Ethambutol HCl	1070-11-7
859	Doxycycline HCl	10592-13-9
860	Pentamidine	50357-45-4
861	Mirabegron	223673-61-8
862	Acebutolol HCl	34381-68-5
863	Ampiroxicam	99464-64-9
864	Desloratadine	100643-71-8
865	Hyoscyamine	101-31-5
866	Allylthiourea	109-57-9
867	Avanafil	330784-47-9
868	Sodium Picosulfate	10040-45-6
869	Tolcapone	134308-13-7
870	Probenecid	57-66-9
871	Procaine HCl	51-05-8
872	Homatropine Methylbromide	80-49-9
873	Homatropine Bromide	51-56-9
874	Hydroxyzine 2HCl	2192-20-3
875	Acidinium Bromide	320345-99-1
876	Diphepanil Methylsulfate	62-97-5

877	Vitamin D2	50-14-6
878	Doxapram HCl	7081-53-0
879	Dibucaine HCl	61-12-1
880	Methazolamide	554-57-4
881	Norethindrone	68-22-4
882	Olsalazine Sodium	6054-98-4
883	Nafcillin Sodium	7177-50-6
884	Tetrahydrozoline HCl	522-48-5
885	Toltrazuril	69004-03-1
886	Pheniramine Maleate	132-20-7
887	Estradiol Cypionate	313-06-4
888	Bisacodyl	30652-11-0
889	Carbimazole	22232-54-8
890	Valdecoxib	181695-72-7
891	Valganciclovir HCl	175865-59-5
892	Nabumetone	42924-53-8
893	Sertraline HCl	79559-97-0
894	Spironolactone	52-01-7
895	Retapamulin	224452-66-8
896	Methyclothiazide	135-07-9
897	Ropivacaine HCl	98717-15-8
898	Sodium Nitroprusside	14402-89-2
899	Erythromycin Ethylsuccinate	1264-62-6
900	Levobupivacaine HCl	27262-48-2
901	Ronidazole	7681-76-7
902	Vitamin D3	67-97-0
903	Escitalopram Oxalate	219861-08-2
904	Guanabenz Acetate	23256-50-0
905	Tinidazole	19387-91-8
906	Guanidine HCl	50-01-1
907	Griseofulvin	126-07-8
908	Decamethonium Bromide	541-22-0
909	Sodium 4-Aminosalicylate	133-10-8
910	Sodium Nitrite	7632-00-0
911	Zinc Pyrithione	13463-41-7
912	Propranolol HCl	318-98-9
913	Mequinol	150-76-5
914	Mefenamic Acid	61-68-7
915	Ticagrelor	274693-27-5
916	Triamterene	396-01-0
917	Sulfacetamide Sodium	127-56-0
918	Spiramycin	8025-81-8
919	Lomerizine HCl	101477-54-7, 101477-55-8(free base)
920	Levobetaxolol HCl	116209-55-3, 93221-48-8(free base)
921	Loxapine Succinate	27833-64-3
922	Flumethasone	2135-17-3
923	Halobetasol Propionate	66852-54-8
924	Fenspiride HCl	5053-08-7, 5053-06-5(free base)

925	Pramoxine HCl	637-58-1
926	Diffuprednate	23674-86-4
927	Droperidol	548-73-2
928	Dydrogesterone	152-62-5
929	Halcinonide	3093-35-4
930	Dexlansoprazole	138530-94-6
931	Esmolol HCl	81161-17-3, 81147-92-4(free base)
932	Voglibose	83480-29-9
933	Eprosartan Mesylate	144143-96-4
934	Cloasantel Sodium	61438-64-0
935	Cloasantel	57808-65-8
936	Clofazimine	2030-63-9
937	Estradiol Benzoate	50-50-0
938	Dicloxacillin Sodium	13412-64-1
939	Desvenlafaxine Succinate	386750-22-7
940	Desvenlafaxine	93413-62-8
941	Triclabendazole	68786-66-3
942	Histamine 2HCl	56-92-8
943	Sulconazole Nitrate	82382-23-8
944	Tilimicosin	108050-54-0
945	Timolol Maleate	26921-17-5
946	Tolazoline HCl	59-97-2
947	Sodium Phenylbutyrate	1716-12-7
948	Troxipide	30751-05-4
949	Clorprenaline HCl	6933-90-0
950	Carprofen	53716-49-7
951	Dropropizine	17692-31-8
952	Cyclizine 2HCl	5897-18-7
953	Dinitolmide	148-01-6
954	Clopidol	2971-90-6
955	Bacitracin	1405-87-4
956	Azithromycin Dihydrate	117772-70-0
957	Ampicillin Trihydrate	7177-48-2
958	Amfenac Sodium Monohydrate	61618-27-7
959	Penfluridol	26864-56-2
960	Ethamsylate	2624-44-4
961	Chlorzoxazone	95-25-0
962	Chlortetracycline HCl	64-72-2
963	Bezafibrate	41859-67-0
964	Penicillin G Sodium	69-57-8
965	Benzoic Acid	65-85-0
966	Benzethonium Chloride	121-54-0
967	Doxofylline	69975-86-6
968	Benzydamine HCl	132-69-4
969	Chlorpropamide	94-20-2
970	Cyromazine	66215-27-8
971	Teriflunomide	108605-62-5
972	Coumarin	91-64-5
973	Choline Chloride	67-48-1

974	Cetylpyridinium Chloride	123-03-5
975	Sulfaguanidine	57-67-0
976	Trometamol	77-86-1
977	Uracil	66-22-8
978	Climbazole	38083-17-9
979	Mezlocillin Sodium	42057-22-7
980	Nicardipine HCl	54527-84-3
981	Nifuroxazide	965-52-6
982	Penciclovir	39809-25-1
983	Tiratricol	51-24-1
984	Domiphen Bromide	538-71-6
985	Cyclandelate	456-59-7
986	Cinchophen	132-60-5
987	Betamipron	3440-28-6
988	Chlorquinaldol	72-80-0
989	Broxyquinoline	521-74-4
990	Ethacridine lactate monohydrate	6402-23-9
991	Bemegride	64-65-3
992	Aminothiazole	96-50-4
993	Antazoline HCl	2508-72-7
994	Tolperisone HCl	3644-61-9
995	Florfenicol	73231-34-2
996	Furaltadone HCl	3759-92-0
997	Isosorbide	652-67-5
998	Cysteamine HCl	156-57-0
999	Clofibric Acid	882-09-7
1000	Chromocarb	4940-39-0
1001	Chlorocresol	59-50-7
1002	Benzocaine	94-09-7
1003	Montelukast Sodium	151767-02-1
1004	Dirithromycin	62013-04-1
1005	Valnemulin HCl	133868-46-9
1006	Liothyronine Sodium	55-06-1
1007	Amoxapine	14028-44-5
1008	Azaperone	1649-18-9
1009	Bosentan	147536-97-8
1010	Benzbromarone	3562-84-3
1011	Piperacillin Sodium	59703-84-3
1012	Mevastatin	73573-88-3
1013	Mexiletine HCl	5370-01-4
1014	Fidaxomicin	873857-62-6
1015	Fluorometholone Acetate	3801-06-7
1016	Oxybuprocaine HCl	5987-82-6
1017	Oxaprozin	21256-18-8
1018	Zoxazolamine	61-80-3
1019	Phenazopyridine HCl	136-40-3
1020	Doxylamine Succinate	562-10-7
1021	Cetrimonium Bromide (CTAB)	57-09-0
1022	Deoxycorticosterone acetate	56-47-3

1023	Serotonin HCl	153-98-0
1024	Tranlycypromine (2-PCPA) HCl	4548-34-9
1025	Prucalopride Succinat	179474-85-2
1026	Bromfenac Sodium	91714-93-1
1027	Sulfamethoxypyridazine	80-35-3
1028	Epinastine HCl	108929-04-0
1029	Buspirone HCl	33386-08-2
1030	Luliconazole	187164-19-8
1031	Tamibarotene	94497-51-5
1032	Ebastine	90729-43-4
1033	Diacerein	13739-02-1
1034	Flufenamic acid	530-78-9
1035	Vinorelbine Tartrate	125317-39-7
1036	Oxiracetam	62613-82-5
1037	Rotigotine	99755-59-6
1038	Carteolol HCl	51781-21-6
1039	Demeclocycline HCl	64-73-3
1040	Nelfinavir Mesylate	159989-65-8
1041	Cyclobenzaprine HCl	6202-23-9
1042	Ospemifene	128607-22-7
1043	Anidulafungin (LY303366)	166663-25-8
1044	Micafungin Sodium	208538-73-2
1045	Chloroambucil	305-03-3
1046	MetoclopraMide HCl	7232-21-5
1047	Digoxin	20830-75-5
1048	Labetalol HCl	32780-64-6
1049	Diphenidol HCl	3254-89-5
1050	Promethazine HCl	58-33-3
1051	Procainamide HCl	614-39-1
1052	Meclofenamate Sodium	6385-02-0
1053	Salmeterol Xinafoate	94749-08-3
1054	Mupirocin	12650-69-0
1055	(R)-(+)-Atenolol	56715-13-0
1056	Anisotropine Methylbromide	80-50-2
1057	Benzthiazide	91-33-8
1058	Carbadox	6804-07-5
1059	Diphenylpyraline HCl	132-18-3
1060	Disopyramide Phosphate	22059-60-5
1061	Ethoxzolamide	452-35-7
1062	Isoetharine Mesylate	7279-75-6
1063	Mepiroxol	6968-72-5
1064	Mesoridazine Besylate	32672-69-8
1065	Metaproterenol Sulfate	5874-97-5
1066	Metaraminol Bitartrate	33402-03-8
1067	Meticrane	1084-65-7
1068	Moxalactam Disodium	64953-12-4
1069	Nalmefene HCl	58895-64-0
1070	Nialamide	51-12-7
1071	Pentoxifylline	6493-05-6

1072	Piromidic Acid	19562-30-2
1073	Procyclidine HCl	1508-76-5
1074	Ractopamine HCl	90274-24-1
1075	Terfenadine	50679-08-8
1076	Tolazamide	1156-19-0
1077	Tacrine HCl	1684-40-8
1078	Pimozide	2062-78-4
1079	Carbachol	51-83-2
1080	Glafenine HCl	65513-72-6
1081	Noscapine HCl	912-60-7
1082	Phthalylsulfacetamide	131-69-1
1083	Carbenoxolone Sodium	7421-40-1
1084	Nicotine Ditartrate	65-31-6
1085	Dicyclomine HCl	67-92-5
1086	Thioridazine HCl	130-61-0
1087	Mepenzolate Bromide	76-90-4
1088	Aceclidine HCl	6109-70-2
1089	Imipramine HCl	113-52-0
1090	Proadifen HCl	62-68-0
1091	Pyrilamine Maleate	59-33-6
1092	Difloxacin HCl	91296-86-5
1093	Fosfomycin Tromethamine	78964-85-9
1094	Bephenium Hydroxynaphthoate	3818-50-6
1095	Brucine	652154-10-4
1096	Clofocetol	37693-01-9
1097	Diperodon HCl	537-12-2
1098	Isoxicam	34552-84-6
1099	Nifenazone	2139-47-1
1100	Oxeladin Citrate	52432-72-1
1101	Pasiniazid	2066-89-9
1102	Procodazole	23249-97-0
1103	Sodium 4-aminohippurate Hydrate	94-16-6
1104	Trimipramine Maleate	521-78-8
1105	Mefloquine HCl	51773-92-3
1106	Eltrombopag	496775-61-2
1107	6-Mercaptopurine (6-MP) Monohydrate	6112-76-1
1108	Vinblastine sulfate	143-67-9
1109	Acetazolamide	59-66-5
1110	17-Hydroxyprogesterone	68-96-2
1111	Aceglutamide	2490-97-3
1112	Acetylleucine	99-15-0
1113	(+)-Camphor	464-49-3
1114	Cefotaxime sodium	64485-93-4
1115	Chloroxylonol	88-04-0
1116	Citric acid trilitium salt tetrahydrate	6080-58-6
1117	DEET	134-62-3
1118	Dehydroacetic acid	520-45-6
1119	Ethylparaben	120-47-8
1120	Fenbufen	36330-85-5

1121	Fenofibric acid	42017-89-0
1122	Furazolidone	67-45-8
1123	Idramantone	20098-14-0
1124	i-Inositol	87-89-8
1125	Iopamidol	60166-93-0
1126	Methylene Blue	61-73-4
1127	Nitrofurantoin	67-20-9
1128	Pantoprazole sodium	138786-67-1
1129	Salicylic acid	69-72-7
1130	Triclosan	3380-34-5
1131	Trihexyphenidyl hydrochloride	52-49-3
1132	Trimetazidine dihydrochloride	13171-25-0
1133	Urethane	51-79-6
1134	Xylitol	87-99-0
1135	Aminoguanidine (hydrochloride)	1937-19-5
1136	Azelaic acid	123-99-9
1137	Bithionol	97-18-7
1138	Bronopol	52-51-7
1139	Bucetin	1083-57-4
1140	Carsalam	2037-95-8
1141	Carzenide	138-41-0
1142	Citiolone	1195-16-0
1143	Cloxiquine	130-16-5
1144	Danthron	117-10-2
1145	Dehydrocholic acid	81-23-2
1146	Diethylcarbamazine (citrate)	1642-54-2
1147	Diiodohydroxyquinoline	83-73-8
1148	DL-Panthenol	16485-10-2
1149	Fluphenazine (dihydrochloride)	146-56-5
1150	Halothane	151-67-7
1151	Hexylresorcinol	136-77-6
1152	Piperazine	110-85-0
1153	Sulfabenzamide	127-71-9
1154	Terpin (hydrate)	2451-01-6
1155	Tyloxapol	25301-02-4
1156	Resorcinol	108-46-3
1157	Hydroquinone	123-31-9
1158	Triacetin	102-76-1
1159	Butamben	94-25-7
1160	Butylparaben	94-26-8
1161	Succinylsulfathiazole	116-43-8
1162	Docusate Sodium	577-11-7
1163	Amodiaquin (dihydrochloride dihydrate)	6398-98-7
1164	Nitroxoline	4008-48-4
1165	Chlormadinone acetate	302-22-7
1166	Cephalothin	58-71-9
1167	Cefazolin Sodium	27164-46-1
1168	Cefixime	79350-37-1
1169	Lercanidipine (hydrochloride)	132866-11-6

1170	Benzyl benzoate	120-51-4
1171	Benzyl alcohol	100-51-6
1172	5-Chloro-8-hydroxy-7-iodoquinoline	130-26-7
1173	Acetohydroxamic acid	546-88-3
1174	Gallic acid	149-91-7
1175	Levofloxacin hydrate	138199-71-0
1176	Folic acid	59-30-3
1177	2,2'-Dihydroxy-4-methoxybenzophenone	131-53-3
1178	Diffunisal	22494-42-4
1179	Mebendazole	31431-39-7
1180	Dapson	80-08-0
1181	Modafinil	68693-11-8
1182	Nandrolone decanoate	360-70-3
1183	Dextromethorphan (hydrobromide hydrate)	6700-34-1
1184	Fenoldopam (mesylate)	67227-57-0
1185	Itopride hydrochloride	122892-31-3
1186	Cefuroxime sodium	56238-63-2
1187	5,5-Dimethyloxazolidine-2,4-dione	3166-62-9
1188	Alcaftadine	147084-10-4
1189	Ethosuximide	77-67-8
1190	(+/-)-Sulfinpyrazone	57-96-5
1191	Chlorotrianisene	569-57-3
1192	Diazoxide	364-98-7
1193	Prochlorperazine dimaleate salt	84-02-6
1194	Hexachlorophene	70-30-4
1195	Isosorbide Mononitrate	16051-77-7
1196	Sodium sulfadiazine	547-32-0
1197	Cyproheptadine hydrochloride	41354-29-4
1198	Teneligliptin hydrobromide	906093-29-6
1199	Prasugrel Hydrochloride	389574-19-0
1200	Desogestrel	54024-22-5
1201	Brexiprazole	913611-97-9
1202	Lesinurad	878672-00-5
1203	Tedizolid Phosphate	856867-55-5
1204	Zolpidem	82626-48-0
1205	Armodafinil	112111-43-0
1206	Ciclesonide	126544-47-6
1207	Cefmenoxime hydrochloride	75738-58-8
1208	Dantrolene sodium	24868-20-0
1209	Atipamezole hydrochloride	104075-48-1
1210	Atipamezole	104054-27-5
1211	Etoricoxib	202409-33-4
1212	Sulisobenzzone	4065-45-6
1213	Sulpiride	15676-16-1
1214	Parecoxib	198470-84-7
1215	Eslicarbazepine Acetate	236395-14-5
1216	Hydroquinidine	1435-55-8
1217	Nandrolone	434-22-0
1218	Glycopyrrolate	596-51-0

1219	Tiagabine hydrochloride	145821-59-6
1220	Atazanavir	198904-31-3
1221	Fusidate Sodium	751-94-0
1222	Molsidomine	25717-80-0
1223	Rebeprazole sodium	117976-90-6
1224	Sivelestat sodium	201677-61-4
1225	Lidocaine hydrochloride	73-78-9
1226	Procaine	59-46-1
1227	Benzocaine hydrochloride	23239-88-5
1228	Etonogestrel	54048-10-1
1229	Hydroxyprogesterone caproate	630-56-8
1230	Tiagabine	115103-54-3
1231	Gluconolactone	90-80-2
1232	Fluoxymesterone	76-43-7
1233	Povidone iodine	25655-41-8
1234	Terazosin	63074-08-8
1235	Protirelin	24305-27-9
1236	Loxoprofen	68767-14-6
1237	Sildenafil Mesylate	1308285-21-3
1238	Efavirenz	154598-52-4
1239	Vitamin E	59-02-9
1240	Rivastigmine	123441-03-2
1241	Perampanel	380917-97-5
1242	Deoxycholic acid	83-44-3
1243	Escin	6805-41-0
1244	Oxybenzone	131-57-7
1245	Guanfacine Hydrochloride	29110-48-3
1246	D panthenol	81-13-0
1247	Arbinoxamine Maleate	3505-38-2
1248	Saxagliptin hydrate	945667-22-1
1249	Tofacitinib (CP-690550) Citrate	540737-29-9
1250	Fingolimod (FTY720) HCl	162359-56-0
1251	Tacrolimus (FK506)	104987-11-3
1252	Pimecrolimus	137071-32-0
1253	MEK162 (ARRY-162, ARRY-438162)	606143-89-9
1254	Birinapant	1260251-31-7
1255	Embelin	550-24-3
1256	IPI-145 (INK1197)	1201438-56-3
1257	Tepotinib (EMD 1214063)	1100598-32-0
1258	Cilengitide	188968-51-6
1259	LDK378	1032900-25-6
1260	EPZ-6438	1403254-99-8
1261	Batimastat (BB-94)	130370-60-4
1262	Marimastat(BB-2516)	154039-60-8
1263	Ilomastat (GM6001, Galardin)	142880-36-2
1264	LY2835219	1231930-82-7
1265	Motolimod (VTX-2337)	926927-61-9
1266	BAF312 (Siponimod)	1230487-00-9
1267	Idasanutlin (RG-7388)	1229705-06-9

1268	Losmapimod (GW856553X)	585543-15-3
1269	Alvelestat (AZD9668)	848141-11-7
1270	KPT-330	1393477-72-9
1271	Vidofludimus	717824-30-1
1272	Suvorexant (MK-4305)	1030377-33-3
1273	Edoxaban	1229194-11-9
1274	CO-1686 (AVL-301)	1374640-70-6
1275	AZD9291	1421373-65-0
1276	Rilpivirine	500287-72-9
1277	Tasisulam	519055-62-0
1278	Pozotinib (HM781-36B)	1092364-38-9
1279	Aloxistatin	88321-09-9
1280	Sorafenib	284461-73-0
1281	Puromycin 2HCl	58-58-2
1282	LEE011	1211441-98-3
1283	Uprosertib (GSK2141795)	1047634-65-0
1284	Trelagliptin	865759-25-7
1285	Afuresertib (GSK2110183)	1047644-62-1
1286	GS-9973	1229208-44-9
1287	Ledipasvir (GS5885)	1256388-51-8
1288	Filgotinib (GLPG0634)	1206161-97-8
1289	Lomitapide Mesylate	202914-84-9
1290	Cerdulatinib (PRT062070, PRT2070)	1369761-01-2
1291	Lomitapide	182431-12-5
1292	Pilaralisib (XL147)	934526-89-3
1293	Voxtalisib (XL765, SAR245409)	934493-76-2
1294	Defactinib (VS-6063, PF-04554878)	1073154-85-4
1295	Obeticholic Acid	459789-99-2
1296	LCZ696	936623-90-4
1297	Salirasib	162520-00-5
1298	Dovitinib (TKI258) Lactate	915769-50-5
1299	Elacridar (GF120918)	143664-11-3
1300	Emricasan	254750-02-2
1301	Sunitinib	557795-19-4
1302	Dasatinib Monohydrate	863127-77-9
1303	Erlotinib	183321-74-6
1304	Docetaxel Trihydrate	148408-66-6
1305	Pexmetinib (ARRY-614)	945614-12-0
1306	Afatinib (BIBW2992) Dimaleate	850140-73-7
1307	Pexidartinib (PLX3397)	1029044-16-3
1308	CB1954	21919-05-1
1309	Eliglustat Tartrate	491833-29-5
1310	Ulixertinib (BVD-523, VRT752271)	869886-67-9
1311	Tenofovir Alafenamide (GS-7340)	379270-37-8
1312	Oltipraz	64224-21-1
1313	Epacadostat (INCB024360)	1204669-58-8
1314	Ozanimod (RPC1063)	1306760-87-1
1315	Napabucasin	83280-65-3
1316	Ripasudil (K-115)	887375-67-9

1317	Entrectinib (RXDX-101)	1108743-60-7
1318	Rocilinostat (ACY-1215)	1316214-52-4
1319	Otenabant (CP-945598) HCl	686347-12-6
1320	Empagliflozin (BI 10773)	864070-44-0
1321	Apremilast (CC-10004)	608141-41-9
1322	Cobimetinib (GDC-0973, RG7420)	934660-93-2
1323	ABT-199 (GDC-0199)	1257044-40-8
1324	Macitentan	441798-33-0
1325	Pacritinib (SB1518)	937272-79-2
1326	Vorapaxar	618385-01-6
1327	Bardoxolone Methyl	218600-53-4
1328	Sotagliflozin (LX4211)	1018899-04-1
1329	Radotinib	926037-48-1
1330	Riociguat (BAY 63-2521)	625115-55-1
1331	Molidustat (BAY 85-3934)	1154028-82-6
1332	Mitomycin C	50-07-7
1333	Pimavanserin	706782-28-7
1334	Oclacitinib	1640292-55-2
1335	Bitopertin	845614-11-1
1336	Ponesimod	854107-55-4
1337	Olmotinib (HM61713, BI 1482694)	1353550-13-6
1338	Bivalirudin Trifluoroacetate	128270-60-0
1339	Eptifibatide Acetate	148031-34-9
1340	Lypressin Acetate	50-57-7
1341	Octreotide Acetate	79517-01-4
1342	Atosiban Acetate	90779-69-4
1343	Oxytocin (Syntocinon)	50-56-6
1344	Salmon Calcitonin Acetate	47931-85-1
1345	GHRP-2	158861-67-7
1346	Nafarelin Acetate	76932-56-4
1347	Palbociclib (PD-0332991) HCl	827022-32-2, 571190-30-2 (free base)
1348	Pemetrexed	150399-23-8
1349	Gemcitabine HCl	122111-03-9
1350	Carboplatin	41575-94-4
1351	Pamidronate Disodium	57248-88-1
1352	Gabapentin HCl	60142-95-2
1353	Galanthamine HBr	1953-04-4
1354	Granisetron HCl	107007-99-8
1355	Heparin sodium	9041-08-1
1356	Biapenem	120410-24-4
1357	Daptomycin	103060-53-3
1358	Dorzolamide HCl	130693-82-2
1359	Mizoribine	50924-49-7
1360	Polymyxin B sulphate	1405-20-5, 4135-11-9 (free base)
1361	LY2228820	862507-23-1
1362	Cephalexin	15686-71-2
1363	Perindopril Erbumine	107133-36-8
1364	Palbociclib (PD0332991) Isethionate	827022-33-3

1365	Cytarabine	147-94-4
1366	L-Glutamine	56-85-9
1367	Nedaplatin	95734-82-0
1368	Penicillamine	52-67-5
1369	Etidronate	2809-21-4
1370	Tranexamic Acid	1197-18-8
1371	D-glutamine	5959-95-5
1372	Disodium Cromoglycate	15826-37-6
1373	(-)-Tetramisole	16595-80-5
1374	Metformin HCl	1115-70-4
1375	Ticlopidine HCl	53885-35-1
1376	Procarbazine HCl	366-70-1
1377	D-Cycloserine	68-41-7
1378	Sodium butyrate	156-54-7
1379	Taurine	107-35-7
1380	Clindamycin Phosphate	24729-96-2
1381	Lisinopril	83915-83-7
1382	Fosinopril Sodium	88889-14-9
1383	Fudosteine	13189-98-5
1384	Gabapentin	60142-96-3
1385	Donepezil HCl	120011-70-3
1386	Salbutamol Sulfate	51022-70-9
1387	Tobramycin	32986-56-4
1388	Methacycline HCl	3963-95-9
1389	Lomefloxacin HCl	98079-52-8
1390	Hydralazine HCl	304-20-1
1391	Oxacillin sodium monohydrate	7240-38-2
1392	Neomycin sulfate	1405-10-3
1393	Streptomycin sulfate	3810-74-0
1394	Vancomycin HCl	1404-93-9
1395	Calcium Levofolinate	80433-71-2
1396	Hygromycin B	31282-04-9
1397	Zanamivir	139110-80-8
1398	Solifenacin succinate	242478-38-2
1399	Palonosetron HCl	135729-62-3
1400	Miltefosine	58066-85-6
1401	Danofloxacin Mesylate	119478-55-6
1402	Amikacin disulfate	39831-55-5
1403	(R)-baclofen	69308-37-8
1404	Amikacin hydrate	1257517-67-1
1405	Tripelennamine HCl	154-69-8
1406	Ibandronate sodium	138926-19-9
1407	Abacavir sulfate	188062-50-2
1408	L-Arginine HCl (L-Arg)	1119-34-2
1409	Pemirolast potassium	100299-08-9
1410	Flavoxate HCl	3717-88-2
1411	Colistin Sulfate	1264-72-8
1412	Gentamicin Sulfate	1405-41-0
1413	Netilmicin Sulfate	56391-57-2

1414	Hexamethonium Bromide	55-97-0
1415	Tetramisole HCl	5086-74-8
1416	Terbutaline Sulfate	23031-32-5
1417	Amprolium HCl	137-88-2
1418	Chloroquine Phosphate	50-63-5
1419	Ceftriaxone Sodium Trihydrate	104376-79-6
1420	Nefopam HCl	23327-57-3
1421	Paromomycin Sulfate	1263-89-4
1422	Minocycline HCl	13614-98-7
1423	Capreomycin Sulfate	1405-37-4
1424	Proflavine Hemisulfate	1811-28-5
1425	Sodium ascorbate	134-03-2
1426	Amifostine	112901-68-5
1427	Calcium Gluceptate	17140-60-2
1428	Ceftazidime Pentahydrate	78439-06-2
1429	Tolmetin Sodium	64490-92-2
1430	Hydroxychloroquine Sulfate	747-36-4
1431	Dihydrostreptomycin sulfate	5490-27-7
1432	Sisomicin sulfate	53179-09-2
1433	Antimonyl (potassium tartrate trihydrate)	28300-74-5
1434	Eprodisate (disodium)	36589-58-9
1435	Pralidoxime (chloride)	51-15-0
1436	Eflornithine hydrochloride hydrate	96020-91-6
1437	Glutathione	70-18-8
1438	L-Ornithine	70-26-8
1439	Cefradine	38821-53-3
1440	Sildenafil	139755-83-2
1441	Fosbretabulin (Combretastatin A4 Phosphate (CA4P)) Disodium	168555-66-6
1442	Aprotinin	9087-70-1
1443	Pemetrexed Disodium Hydrate	357166-30-4