

ID	Intermediate	API	CAS Number
1	2,3,4,6-Tetrakis-O-trimethylsilyl-D-gluconolactone	CANAGLIFLOZIN	32384-65-9
2	2-(4-Fluorophenyl)-5-[(5-iodo-2-methylphenyl) methyl]thiophene	CANAGLIFLOZIN	898566-17-1
3	2-(4-Fluorophenyl)-5-[(5-bromo-2-methylphenyl) methyl]thiophene	CANAGLIFLOZIN	1030825-20-7
4	5-Iodo-2-methylbenzoic acid	CANAGLIFLOZIN	54811-38-0
5	5-Bromo-2-methylbenzoic acid	CANAGLIFLOZIN	79669-49-1
6	4-(5-bromo-2-chlorobenzyl)phenyl ethyl ether	DAPAGLIFLOZIN	461432-23-5
7	5-Bromo-2-chlorobenzoic acid	DAPAGLIFLOZIN	21739-92-4
8	2-Chloro-5-iodobenzoic acid	DAPAGLIFLOZIN	19094-56-5
9	4-Iodo-1-chloro-2-(4-ethoxybenzyl)- benzene	DAPAGLIFLOZIN	1103738--29-9
10	(5-Iodo-2-chlorophenyl)(4-ethoxyphenyl) methanone	DAPAGLIFLOZIN	1103738--26-6
11	(5-Bromo-2-chlorophenyl)(4-ethoxy-phenyl) methanone	DAPAGLIFLOZIN	461432-22-4
12	(3S)-3-[4-[(5-Bromo-2-chlorophenyl)methyl] phenoxy]tetrahydro-furan	EMPAGLIFLOZIN	915095-89-5
13	4-Bromo-1-chloro-2-[[4-[[[(1,1-dimethylethyl) dimethylsilyl]oxy]phenyl] methyl]benzene	EMPAGLIFLOZIN	864070-19-9
14	(S)-(+)-3-Hydroxytetrahydrofuran	EMPAGLIFLOZIN	86087-23-2
15	3-(4- fluorophenylketone)s-1-bromo-4-chlorophenyl	EMPAGLIFLOZIN	915095-85-1
16	4-(5-bromo-2-chlorobenzyl)phenol	EMPAGLIFLOZIN	864070-18-8
17	(S)-3-P-Mesyloxytetrahydrofuran	EMPAGLIFLOZIN	112052-11-6
18	(R)-tetrahydrofuran-3-yl-4-methylbenzenesulfonate	EMPAGLIFLOZIN	219823-47-9
19	(3S)-3-(4-[[2-chloro-5-iodophenyl)methyl]phenoxy)oxalane	EMPAGLIFLOZIN	915095-94-2
20	(2-chloro-5-iodophenyl)(4-methoxyphenyl)methanone	EMPAGLIFLOZIN	1459754-39-2
21	4-(5-Iodo-2-chlorobenzyl)phenoxy)(tert-butyl)dimethylsilane	EMPAGLIFLOZIN	N/A
22	(2-chloro-5-iodophenyl)(4-hydroxyphenyl)methanone	EMPAGLIFLOZIN	1459754-40-5
23	4-(2-chloro-5-iodobenzyl)phenol	EMPAGLIFLOZIN	1459754-32-5
24	(5-bromo-2-chlorophenyl)(4-hydroxyphenyl)methanone	EMPAGLIFLOZIN	1360568-68-8
25	tert-butyl(4-(2-chloro-5-iodobenzyl)phenoxy) dimethylsilane	EMPAGLIFLOZIN	1800112-28-0
26	(3S)-3-[4-[[2-chloro-5-iodophenyl)methyl]phenoxy]Tetrahydrofuran	EMPAGLIFLOZIN	915095-94-2
27	1-(2-Chloroethyl)piperidine hydrochloride	RALOXIFINE	2008-75-5
28	4-[2-(1-Pipridine)ethoxybenzoic acid hydrochloride	RALOXIFINE	84449-80-9
29	2-(4-Hydroxyphenyl)benzo[b]thiophene-6-ol	RALOXIFINE	63676-22-2
30	6-Methoxy-2-(4-methoxyphenyl)benzo[b]thiophene	RALOXIFINE	63675-74-1
31	1-Phenyl-1H-tetrazole-5-thiol	ROSUVASTATIN	86-93-1
32	2-(4-Bromophenyl)malonic acid dimethyl ester	MACITENTAN	149506-35-4
33	4,6-Dichloro-5-(4-bromophenyl)-pyrimidine	MACITENTAN	146533-41-7

34	5-bromo-2-chloro pyrimidine	MACITENTAN	32779-36-5
35	Methyl 3-amino-2,6-difluorobenzoate hydrochloride	VEMURAFENIB	1392273-41-4
36	5-bromo-7-azaindole	VEMURAFENIB	183208-35-7
37	1H-pyrrolo[2,3-b]pyridine,5-(4-chlorophenyl)	VEMURAFENIB	918516-27-5
38	1,1'-[1,1'-biphenyl]-4,4'-diylbis[2-chloro] Ethanone	DACLATESVIR	24860-53-5
39	N-(methylcarbonyl)-L-valine (MOC-L-Valine)	DACLATESVIR	74761-42-5
40	4,4-diacetyl biphenyl	DACLATESVIR	787-69-9
41	2-chloro-4-amino-6,7-dimethoxy quinazoline	CLONAZEPAM, DOXAZOSIN, TERAZOSIN	23680-84-4
42	7-hydroxy-1-tetralone	VELPATASVIR	22009-38-7
43	Quinaldic acid	SAQUINAVIR	93-10-7
44	4-(Isopropylamino)butanol	SELEXIPAG	42042-71-7
45	4-bromobutyl acetate	SELEXIPAG	4753-59-7
46	N-(chloroacetyl)methane sulfonamide	SELEXIPAG	202658-88-6
47	N-(bromoacetyl)methanesulfonamide	SELEXIPAG	59504-75-5
48	Methane sulfonamide	SELEXIPAG	3144-09-0
49	1-Butanol,4-[(5,6-diphenyl-2-pyrazinyl)(1-methylethyl) amino]	SELEXIPAG	475086-75-0
50	5-chloro-2,3-diphenylpyrazine	SELEXIPAG	41270-66-0
51	5-Bromo-6-chloro-pyrazin-2-amine	SELEXIPAG	173253-42-4
52	3-chloro propiophenone	ATOMOXITINE	936-59-4
53	3-chloro-1-phenyl-1-propanol	ATOMOXITINE	18776-12-0
54	3-(methylamino)-1-phenylpropan-1-ol	ATOMOXITINE	42142-52-9
55	ethyl-2-(3-formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylate	FEBUXOSTAT	161798-01-2
56	4-Oxo-1,4-dihydroquinoline-3-carboxylic acid	IVACAFTOR	13721-01-02
57	5-Amino-2,4-di-tert-butylphenol	IVACAFTOR	873055-58-4
58	2,4-ditert-butyl-5-nitrophenyl methyl carbonate	IVACAFTOR	873055-55-1
59	ethyl-4-oxo-1,4-dihydroquinoline-3-carboxylate	IVACAFTOR	52980-28-6
60	1-Amino-2-(isopropylsulphonyl)benzene	CERITINIB	76697-50-2
61	N,N-dienzyl-4-bromo-2-isopropoxy-5-methyl aniline	CERITINIB	N/A
62	2-amino-6-fluorobenzoic acid	IDELALISIB	434-76-4
63	5-Methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxylic acid hydrochloride	EDOXABAN	720720-96-7
64	4-(4-Aminophenyl)-morpholin-3-one	RIVORAXABAN	438056-69-0
65	(S)-(+)-N-(2,3-Epoxypropyl)phthalimide	RIVORAXABAN	161596-47-0
66	4-(4-(5-(Aminomethyl)-2-oxoxazolidin-3-yl)phenyl)morpholin-3-one hydrochloride	RIVORAXABAN	898543-06-1
67	4-(4-(5-(aminomethyl)-2-oxoxazolidin-3-yl)phenyl)morpholin-3-one	RIVORAXABAN	446292-10-0

68	3-[(3-Amino-4-methylaminobenzoyl)pyridin-2-ylamino]propionic acid ethyl ester	DABIGATRAN	212322-56-0
69	3-[[[2-[[[(4-Cyanophenyl)amino]methyl]-1-methyl-1H-benzimidazol-5-yl] carbonyl] pyridin-2-ylamino]propionic acid ethyl ester	DABIGATRAN	211915-84-3
70	Ethyl 3-(pyridin-2-ylamino)propanoate	DABIGATRAN	103041-38-9
71	N-(4-cyanophenyl)glycine	DABIGATRAN	42288-26-6
72	Methyl 1-[(2'-cyanobiphenyl-4-yl)methyl]-2-ethoxy-1H-benzimidazole-7-carboxylate	AZILSARTAN	139481-44-0
73	Ethyl-2-Ethoxy-1-[[[(2'-Cyanobiphenyl-4-yl) Methyl] Benzimidazole]-7-Carboxylate	AZILSARTAN	139481-41-7
74	Methyl 2-ethoxybenzimidazole-7-carboxylate	AZILSARTAN	150058-27-8
75	(Z)-Methyl 2-ethoxy-3-((2'-(N'-hydroxy carba MiMidoyl)biphenyl-4-yl) Methyl)-3H-benzo[d]imidazole-4-carboxylate	AZILSARTAN	147403-65-4
76	(S)-3-[1-(Dimethylamino)ethyl]phenol;	RIVASTIGMINE	139306-10-8
77	(Carbethoxyethylidene)triphenylphosphorane	SACUBITRAL	5717-37-3
78	2-Bromo-4,5-dimethoxybenzyl bromide	PINARVERIUM BROMIDE	53207-00-4
79	1-(Cyclopropylcarbonyl)piperazine	OLAPARIB	59878-57-8
80	1-(p-methoxyphenyl)-2-propanone	FORMOTEROL	122-84-9
81	3-(2-Aminoethyl)-2-methylindole	PANOBINOSTAT	2731-06-08
82	5-bromo-1H-pyrrolo[2,3-b]pyridine	VENETOCLAX	183208-35-7
83	1-(triisopropylsilyl)-1H-pyrrolo[2,3-b]pyridin-5-ol	VENETOCLAX	685514-01-6
84	3-Nitro-4-(((tetrahydro-2H-pyran-4-yl)methyl)amino)benzenesulfonamide	VENETOCLAX	1228779-96-1
85	Methyl 2-((1H-pyrrolo[2,3-b]pyridin-5-yl)oxy)-4-fluorobenzoate	VENETOCLAX	1235865-77-6
86	1-((4'-chloro-5,5-dimethyl-3,4,5,6-tetrahydro-[1,1'-biphenyl]-2-yl)methyl) piperazine	VENETOCLAX	1628047-87-9
87	1,3-diacetoxy-2-(acetoxymethoxy)propane	VELGANCICLAVIR	86357-13-3
88	9-Bromo-3-(2-bromoacetyl)-10,11-dihydro-5H-benzo[d] naphtho[2,3=b]pyran-8(9H)-one	VELPATASVIR	1438383-89-1
89	(2S,4S)-4-(methoxymethyl)-1,2-pyrrolidinedicarboxylic acid 1-(1,1-dimethylethyl)ester	VELPATASVIR	1378388-16-9
90	(5S)-N-(methoxycarbonyl)-L-valyl-5-methyl-L-proline	VELPATASVIR	1335316-40-9
91	(1-cyano-2-ethoxy-2-oxoethylidenaminoxy)dimethyl amino-morpholino-carbenium exafluorophosphate	VELPATASVIR	1075198-30-9
92	2,4-dichloropyrimidine	OSIMERTINIB	3934-20-1
93	N-(tert-butoxycarbonyl)-3-iodo-L-alanine methyl ester	ELUXADOLINE	93267-04-0
94	(3,4-Dimethoxyphenyl)acetonitrile	VERAPAMIL	93-17-4
95	2-(3,4-dimethoxyphenyl)-3-methylbutanenitrile	VERAPAMIL	20850-49-1
96	ethyl-2-(2,4-difluoro-5-iodobenzoyl)-3-(dimethylamino)	ELVITEGRAVIR	697762-39-3
97	Cis-Bromo benzoate	KETOCONAZOLE, ITRECONAZOLE	61397-56-6
98	2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-yl methyl)-1,3-dioxolane-4-methanol (Imidazole Alcohol)	KETOCONAZOLE, ITRECONAZOLE	84682-23-5
99	cis-[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-methyl)-dioxalonbenzenesulfonate (Cis Tosylate)	KETOCONAZOLE, ITRECONAZOLE	134071-44-6
100	2,4-dihydro-4-[4-(4-(hydroxyphenyl)-1-piperazinyl)phenyl]-3H-1,2,4-triazole-3-one	KETOCONAZOLE, ITRECONAZOLE	106461-41-0
101	3-Benzyl-6-bromo-2-methoxyquinoline	BEDAQUINILINE	654655-69-3

102	3-Dimethylamino-1-(naphthalen-1-yl)propan-1-one hydrochloride	BEDAQUINILINE	5409-58-5
103	2-Amino-N-(5-chloropyridin-2-yl)-5-methoxybenzamide	BETRIXABAN	280773-17-3
104	Satranidazole crude	SATRANIDAZOLE	56302-13-7
105	2-chloro-4-[3-iodo-1-(1-methylethyl)-1H-pyrazol-4-yl]pyrimidine	ENCORAFENIB	1269440-58-5
106	N-[5-chloro-2-fluoro-3-(4,4,5,5-tetraMethyl-1,3,2-dioxaborolan-2-yl)phenyl]-, 1,1-diMethylethyl ester	ENCORAFENIB	1269440-69-8
107	Methyl[(2S)-1-aminopropan-2-yl]carbamate	ENCORAFENIB	1229025-89-1
108	Methyl-2-[(1R)-1-(2-amino-5-bromophenoxy)ethyl]-4-fluorobenzoate	LORLATINIB	1454848-00-0
109	1-Methyl-3-[(methylamino)methyl]-1H-pyrazole-5-carbonitrile	LORLATINIB	1643141-20-1
110	3-Amino-1-adamantanol	VILDAGLIPTIN	702-82-9
111	(S)-1-(2-Chloroacetyl)pyrrolidin-2-carbonitrile	VILDAGLIPTIN	207557-35-3
112	Boc D Serine Benzyl amide	LACOSAMIDE	1253790-58-7
113	2-((3aR,4S,6R,6aS)-6-amino-2,2-dimethyltetrahydro-3aH-cyclopenta[d][1,3]dioxol-4-yloxy)ethanol L-tartaric acid	TICAGRELOR	376608-65-0
114	(1S,4R)-(4-Aminocyclopent-2-enyl) methanol hydrochloride	ABACAVIR	168960-19-8
115	(1S-cis)-4-Amino-2-cyclopentene-1-methanol D-hydrogen tarrate	ABACAVIR	229177-52-0
116	N-(2-Amino-4,6-dichloropyrimidin-5-yl)formamide	ABACAVIR	171887-03-9
117	N-[2-Amino-4-chloro-6-[[[(1R,4S)-4-(hydroxymethyl)-2-cyclopenten-1-yl]amino]-5-pyrimidinyl]formamide	ABACAVIR	171887-04-0
118	(1S,4R)-4-(2-Amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride	ABACAVIR	172015-79-1
119	5-(4-Fluorophenyl)-5-oxopentanoic acid	EZETIMIBE	149437-76-3
120	(4S)-3-[5-(4-Fluorophenyl)-1,5-dioxopenyl]-4-phenyl-2-oxazolidinone	EZETIMIBE	189028-93-1
121	(S)-(+)-4-Phenyl-2-oxazolidinone	EZETIMIBE	99395-88-7
122	4-[(E)-[(4-Fluorophenyl)imino]methyl]phenol	EZETIMIBE	3382-63-6
123	N-(4-(Benzyloxy)benzylidene)-4-fluoroaniline	EZETIMIBE	70627-52-0
124	(R)-(+)-4-phenyl-2-oxazolidinone	EZETIMIBE	90319-52-1
125	(S)-4-phenyl-3-[5-(4-fluorophenyl)-5-oxopentanoyl]-2-oxazolidinone	EZETIMIBE	189028-93-1
126	1-Cyclopropyl-2-fluorobenzyl ketone	PRASUGREL	150322-73-9
127	2-Bromo-2-(2-fluorophenyl)-1-cyclopropylethanone	PRASUGREL	204205-33-4
128	5,6,7,7a-Tetrahydro-5-tritylthieno	PRASUGREL	109904-26-9
129	5,6,7,7a-Tetrahydrothieno[3,2-c]pyridine-2(4H)-one hydrochloride	PRASUGREL	115473-15-9
130	4-Hydrazinobenzene-1-sulfonamide hydrochloride	CELICOXIB	17852-52-7
131	(1S,5R)-1-Phenyl-3-oxabicyclo[3.1.0] hexan-2-one	MILNACIPRAN	63106-93-4
132	(1S,5R)-1-Phenyl-3-oxabicyclo[3.1.0] hexan-2-one (Levomilnacipran)	MILNACIPRAN	96847-53-9
133	3-Piperazinyl-1,2-benzisothiazole hydrochloride	ZIPRASIDONE	87691--88-1
134	3-(1-Piperazinyl)-1,2-benziso thiazole	ZIPRASIDONE	87691-87-0
135	3-Chloro-1,2-benzisothiazole	ZIPRASIDONE	7716-66-7

136	4'-Bromomethyl-2-biphenylcarbonitrile	VALSARTAN, LOSARTAN, IRBESARTAN	114772-54-2
137	5-[2-(4'-Methylbiphenyl)] tetrazole	VALSARTAN, LOSARTAN, IRBESARTAN	120568-11-8
138	5-(4'-Methylbiphenyl-2-yl)-1-trityl-1H-tetrazole	VALSARTAN, LOSARTAN, IRBESARTAN	124750-53-4
139	5-(4'-Bromomethyl-1,1'-biphenyl-2-yl)-1-triphenylmethyl-1H-tetrazole	VALSARTAN, LOSARTAN, IRBESARTAN	124750-51-2
140	4'-[(2-Butyl-4-chloro-5-hydroxymethyl-1H-imidazol-1-yl) methyl]-1,1'-biphenyl-2-carbonitrile	LOSARTAN	114772-55-3
141	(1-((2'-(2H-tetrazol-5-yl)biphenyl-4-yl)methyl)-2-butyl-4-chloro-1H-imidazol-5-yl)methanol	LOSARTAN	114798-26-4
142	L-Valine benzyl ester p-toluenesulfonate salt	VALSARTAN	16652-76-9
143	L-Valine methyl ester hydrochloride	VALSARTAN	6306-52-1
144	N-[(2'-Cyanobiphenyl-4-yl)methyl]-(L)-valinemethyl ester hydrochloride	VALSARTAN	482577-59-3
145	N-[(2'-(1-Triphenyl methyl) tetrazole-5-yl) biphenyl]-4-yl) methyl]-L-valine benzyl ester oxalate salt	VALSARTAN	Not available
146	4'-Methyl-2-biphenylcarboxylic acid	TELMISARTAN	7148-03-0
147	4'-Methylbiphenyl-2-carboxylic acid methyl ester	TELMISARTAN	114772-34-8
148	Methyl 4'-bromomethyl biphenyl-2-carboxylate	TELMISARTAN	114772-38-2
149	4-(1-Hydroxy-1-methylethyl)-2-propyl-1-[[2-[(triphenylmethyl)-1H-tetrazol-5-yl][1,1-biphenyl]-4-yl)methyl]-1H-imidazole-5-carboxylic acid ethyl ester	OLMESARTAN	189400-21-3
150	4-Hydrazino-N-methyl-benzenemethanesulfonamide monohydrochloride	SUMATRIPTAN	88933-16-8
151	Sodium 4-chloro-1-hydroxybutanesulfonate	SUMATRIPTAN	54322-20-2
152	3-Dimethylamino-1-(2-thienyl)-1-propanone hydrochloride	DULOXETINE	5424-47-5
153	(S)-(+)-N,N-Dimethyl-3-(1-naphthalenyloxy)-3-(2-thienyl)propanamine oxalate	DULOXETINE	132335-47-8
154	(S)-(-)-N,N-Dimethyl-3-hydroxy-3-(2-thienyl)propanamine	DULOXETINE	132335-44-5
155	(+)-(S)-N-methyl-3-(1-naphthyloxy)-2-thiophenepropyl amine oxalate	DULOXETINE	Not available
156	3-(Dimethylamino)-1-(2-thienyl)-1-propanol	DULOXETINE	13636-02-07
157	(S)-3-(Methylamino)-1-(2-thienyl)-1-propanol	DULOXETINE	116539-55-0
158	3-(Dimethylamino)-1-phenylpropan-1-one hydrochloride	N-METHYL FLUOXETINE	3506-36-3
159	3-(Dimethylamino)-1-phenylpropan-1-ol	N-METHYL FLUOXETINE	36296-95-4
160	3-(4-(Trifluoromethyl)phenoxy)-N,N-dimethyl-3-phenylpropan-1-amine	N-METHYL FLUOXETINE	56225-81-1
161	3-(4-(Trifluoromethyl)phenoxy)-N,N-dimethyl-3-phenylpropan-1-amine oxalate salt	FLUOXETINE ATOMOXITINE	Not available
162	(-)-4-(4-Dimethylamino)-1-(4-fluorophenyl)-1-(hydroxybutyl)-3-hydroxymethyl)-benzonitrile hemi D-(+)-di-p-toloyltartaric acid salt	ESCITALOPRAM	128173-53-5
163	4-(3,4-Dichlorophenyl)-3,4-dihydro-1-(2H)-naphthalone	SERTRALINE	79560-19-3
164	4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenimine	SERTRALINE	79560-20-6
165	Cis-N-methyl-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-1-naphthaleneamine HCl	SERTRALINE	79617-89-3
166	(2R,5S)-(1R,2S,5R)-2-isopropyl-5-methylcyclohexyl-5-(4-amino-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolane-2-carboxylate (CME)	LAMIVUDINE	147027-10-9
167	(2R,5S)-(1R,2S,5R)-2-isopropyl-5-methylcyclohexyl 5-(4-amino-5-fluoro-2-oxopyrimidin-1(2H)-yl)-1,3-oxathiolane-2-carboxylate (FCME)	EMTRICITABINE	764659-72-5
168	2-[2-(4-Fluorophenyl)-2-oxo-1-phenylethyl]-4-methyl-3-oxo-N-phenylpentanamide	ATORVASTATIN	125971-96-2
169	3-(Trifluoromethyl)cinnamic acid	CINACALCET	779-89-5

170	3-(3-(Trifluoromethyl)phenyl)-propane-1-ol	CINACALCET	78573-45-2
171	3-(Chlorosulfonyl)benzoic acid	CINACALCET	4025-64-3
172	7-chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-thione	NORDAZEPAM	4547-02-08
173	Isobutyl glutaric acid	PREGABALIN	75143-89-4
174	(R)-(-)-3-(carbamoyl methyl)-5-methyl hexanoic acid	PREGABALIN	181289-33-8
175	(+)-3-(carbamoyl methyl)-5-methyl hexanoic acid	PREGABALIN	181289-15-6