

List of API intermediates

S.No.	API	Intermediate Name	CAS #
1	Apixaban	3-morpholino-1-(4-(2-oxopiperidin-1-yl) phenyl)-5,6-dihydropyridin-2(1H)-one	545445-44-1
2	Apixaban	(Z)-Ethyl 2-chloro-2-(2-(4-methoxyphenyl)hydrazono) acetate	27143-07-3
3	Apixaban	3-Morpholino-1-(4-nitrophenyl)-5,6-dihydropyridin-2(1H)-one	503615-03-0
4	Apixaban	Ethyl 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate	503614-91-3
5	Apremilast	3-Acetamidophthalic anhydride	6296-53-3
6	Apremilast	(S)-1-(3-Ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethanamine	608141-42-0
7	Aripiprazole	7-(4-Bromobutoxy)-3,4-dihydro-2(1H)-quinolinone	129722-34-5
8	Atorvastatin Calcium	Tert-Butyl(4R,6R)-2-[[[6-(2-4-fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl) pyrrol-1-yl]ethyl]-2,2-dimethyl-1,3dioxan-4-yl]acetate	125971-95-1
9	Clopidogrel	Methyl-(4,5,6,7-tetrahydro-5-thieno [3,2-c] pyridyl) (2-chlorophenyl) acetate hydrochloride	144750-52-7
10	Clopidogrel	S(+)-2-(2-Chlorophenyl)-6,7-dihydrothieno (3,2-C)pyridine-5(4H)-acetic acid methyl ester camphorsulfonate	120202-68-8
11	Dabigatran Etexilate Mesylate	N-[3-Amino-4-(methyl amino)benzoyl]-N-2-pyridinylethyl ester	212322-56-0
12	Dabigatran Etexilate Mesylate	2-(4-Cyanophenylamino) Acetic acid	42288-26-6
13	Dabigatran Etexilate Mesylate	Ethyl 3-(2-(((4-cyanophenyl) amino) methyl)-1-methyl-N-pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido) propanoate	211915-84-3
14	Dabigatran Etexilate Mesylate	Ethyl 3-2-(4-amidinophenylamino) methyl)-1-methyl-N-(pyridin-2yl)-1H-benzo[d]imidazole-5-carboxamido) propanoate.	429658-95-7
15	Dabigatran Etexilate Mesylate	Ethyl 3-[[2-[[4-(N'-[(Hexyloxy) carbonyl] carbamimidoyl] phenyl) amino]methyl]-1-methyl-1H-benzimidazol-5-yl)carbonyl] (2-pyridinyl)amino} propanoate	211915-06-9
16	Dabigatran Etexilate Mesylate	Ethyl 3-[[2-[[4-(E)-N1-hexyloxycarbonyl carbamimidoyl] aniline] methyl]-1-methylbenzimidazole-5-carbonyl] pyridin-2-ylamino] propanoate	1408238-36-7
17	Deferasirox	2-(2-Hydroxy phenyl)benz(e)[1,3]-oxazin-4-one.	1218-69-5
18	Deferasirox	4-hydrazino benzoic Acid	619-67-0
19	Doxazosin Mesylate	N-(1,4-Benzodioxan-2-carbonyl)piperazine	70918-00-2
20	Doxazosin Mesylate	4-Amino-2-chloro-6,7-dimethoxyquinazoline	23680-84-4
21	Eletriptan Hydrobromide	(R)-5-Bromo-3-((1-methyl-2-pyrrolidinyl)methyl)-1H-indole	143322-57-0

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22	Esomeprazole magnesium	6-Methoxy-2-[(S)-[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazole potassium salt (1:1)	161796-84-5
23	Fluvoxamine Maleate	5-Methoxy-1-[4-(trifluoromethyl) phenyl]-1-pentanone	61718-80-7
24	Labetalol HCL	5-Bromoacetyl Salicylamide	73866-23-6
25	Lamotrigine	2-(2,3-Dichlorophenyl)-2-(guanidinylamino)acetonitrile	84689-20-3
26	Lansoprazole	2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy) pyridin-2-yl] methyl]thio]-1H-benzimidazole	103577-40-8
27	Linagliptin	(R)-tert-butyl 1-(7-but-2-ynyl)-3-methyl-1-((4-methylquinazolin-2-yl) methyl)-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl carbamate.	668273-75-4
28	Mirabegron	4-Nitrophenethylamine hydrochloride	29968-78-3
29	Mirabegron	2-Aminothiazol-4-acetic acid	29676-71-9
30	Mirabegron	2-Aminothiazol-4-acetic acid Hydrochloride	66659-20-9
31	Mirabegron	(R)-2-Hydroxy-N-(4-nitrophenethyl)-2-phenylacetamide	521284-19-5
32	Mirabegron	(alpha R)-alpha -[[[2-(4-nitrophenyl) ethyl] amino] methyl]benzene methanol Hydrochloride	521284-21-9
33	Mirabegron	(alpha R)-alpha -[[[2-(4-nitrophenyl)ethyl] amino]methyl] benzene methanol 27 (1R) -2-[[2-(4-aminophenyl	223673-34-5
34	Mirabegron	(R) -2-[2-(4-amino-phenyl) ethylamino] -1-phenyl-ethanol HCl	521284-22-0
35	Omeprazole	5-methoxy-2-[[[4-methoxy-3, 5-dimethyl-2-pyridinyl] methyl]thio]-1H -benzimidazole.	73590-85-9
36	Oseltamivir Phosphate	Ethyl (3R, 4S, 5S)- 4,5-epoxy-3-(1-ethyl-propoxy) cyclohex-1-ene-1-carboxylate	204254-96-6
37	Oseltamivir Phosphate	Ethyl (3R,4R,5S)-4-acetamido-5-azido-3-(1-ethylpropoxy)-1 -cyclohexene-1-carboxylate	204255-06-1
38	Oseltamivir Phosphate	Ethyl (3R, 4S, 5S)-4, N-acetyl (1,1-dimethyl ethyl) amino-5-N,N-diallylamino-3- (1-ethylpropoxy)-1-cyclohexene-1-carboxylate hydrochloride	651324-08-2
39	Pantoprazole Sodium Sesquihydrate	5-Difluoromethoxy-2-[[[3, 4-dimethoxy-pyridin-2-yl)methyl]thio]-1H -benzimidazole.	102625-64-9
40	Paroxetine HCL	(3S,4R)-4-(4-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine	105812-81-5
41	Perampanel	5'-bromo-1'-phenyl-[2,3'-bipyridin]-6'(1'H)-one	381248-06-2
42	Pirfenidone	5-Methylpyridin-2(1H)-one	1003-68-5
43	Prasugrel	2-Bromo-2-(2-fluorophenyl)-1-cyclopropylethanone	204205-33-4
44	Prasugrel	5, 6,7,7a-Tetrahydrothieno(3,2-c)pyridine-2(4H)-one hydrochloride	115473-15-9
45	Raloxifene	4-(2-Piperidin-1-yl-ethoxy)benzoic acid hydrochloride	1246815-60-0
46	Raloxifene	6-Methoxy-2-(4-methoxyphenyl) benzo [b] thiophene	63675-74-1

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47	Raltegravir	Methyl 2-[[[(benzyloxy) carbonyl] amino]-1-methylethyl]- 1methyl-5-hydroxy-6-Oxo-1,6-dihydroxy pyrimidine-4-carboxylate.	888504-27-6
48	Raltegravir	Benzyl [1-[4-[[[(4-fluorobenzyl) amino]carbonyl] -5-hydroxy-1-methyl- 6-oxo-1,6-dihydropyrimidin-2-yl]-1-methylethyl]carbamate	518048-02-7
49	Raltegravir	5-Methyl-1,3,4-oxadiazole-2-carboxylic acid potassium salt.	888504-28-7
50	Ranolazine	1-[N-(2,6-Dimethylphenyl)carbamoyl methyl] piperazine	5294-61-1
51	Ranolazine	1-(2-Methoxyphenoxy)-2,3-epoxypropane	2210-74-4
52	Rivaroxaban	4-(4-aminophenyl)morpholin-3-one	438056-69-0
53	Rivaroxaban	S(+)-Glycidyl phthamide	161596-47-0
54	Rivaroxaban	5-chlorothiophene-2-carboxylic acid	24065-33-6
55	Rivaroxaban	2-[(2R)-2-Hydroxy-3-{[4-(3-oxomorpholin-4-yl)phenyl] amino} propyl]-1H-isoindole-1,3(2H)-dione	446292-07-5
56	Rivaroxaban	(S)-2-((2-oxo-3-(4-(3-oxo-morpholino)phenyl)oxazolidin-5-yl)methyl)isoindoline-1,3-dione	446292-08-6
57	Rivaroxaban	4-[4-[(5S)-5-(Aminomethyl)-2-oxo-3-oxazolidinyl]phenyl]-3-morpholinone Hydrochloride	898543-06-1
58	Sofosbuvir	<i>N-((s)-(2,3,4,5,6-Pentafluorophenoxy) phenoxyphosphinyl)-L-alanine methylethyl ester</i>	1334513-02-8
59	Tadalafil	<i>1,2,3,4-Tetrahydro-2-chloroacetyl-1-(3,4-methylene dioxyphenyl)-9H-pyrido [3,4-B] indole-3- carboxylate CAS No.</i>	171489-59-1
60	Teneligliptin	<i>1-(3-Methyl-1-phenyl-1H-pyrazol-5-yl) piperazine</i>	401566-79-8
61	Teneligliptin	<i>(2S)-4-Oxo-2-(3-thiazolidinylcarbonyl)-1-pyrrolidinecarboxylic Acid 1,1-Dimethylethyl Ester</i>	401564-36-1
62	Tolvaptan	7-Chloro-1-[2-methyl-4-[(2-methylbenzoyl) amino]benzoyl]-5-oxo-2,3,4,5-tetrahydro-1H-1-benzazepine.	137973-76-3
63	Tolvaptan	7-chloro-1,2,3,4-tetrahydro-5H-1-benzazepine-5-one	160129-45-3
64	Valacyclovir Hydrochloride Monohydrate	2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl) methoxy] ethyl N-[(phenylmethoxy)carbonyl]-L-valinate	124832-31-1
65	Valgancyclovir	<i>N-(benzyloxycarbonyl)-L-valine-2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]-3-hydroxypropyl ester</i>	194154-40-0
66	Valgancyclovir	Ganciclovir Monoacetate	88110-89-8
67	Voriconazole	1-(2,4-Difluorophenyl)-2-(1H-1,2,4-triazole-1-yl) ethanone	86404-63-9
68	Voriconazole	4-chloro-6-ethyl-5-fluoropyrimidine	137234-74-3