ApiSyn

# Product List – Intermediates

| Sr. No. | Product Name | CAS No | API |
|---|---|---|---|
| 1 | 4-( 4-aminophenyl)morpholin-3-one | 438056-69-0 | Rivaroxaban |
| 2 | (S)-4-( 4-( 5-( aminomethyl) 2-oxooxazolidin-3-yl)phenyl) morpholin-3-one | 446292-10-0 | Rivaroxaban |
| 3 | 4-( 4-nitrophenyl)morpholine | 10389-51-2 | Rivaroxaban |
| 4 | 4-( 4-nitrophenyl)morpholin-3-one | 446292-04-2 | Rivaroxaban |
| 5 | (R)-2-(2-hydroxy-3-( ( 4-(3-oxomorpholino) phenyl)amino )propyl)isoindoline-1,3-dione | 446292-07-5 | Rivaroxaban |
| 6 | 2-[[(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl]methyl]-2H-isoindole-1,3-dione | 446292-08-6 | Rivaroxaban |
| 7 | 5-Chloro-N-[[(5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-5-oxazolidinyl]methyl]-2-thiophenecarboxamide | 366789-02-8 | Rivaroxaban |
| 8 | (S)-Glycidyl Phthalimide | 161596-47-0 | Rivaroxaban |
| 9 | 3-Fluoro-4-(morpholin-4-yl)phenylamine | 93246-53-8 | Linezolid |
| 10 | (S)-2-(oxiran-2-ylmethyl)isoindoline-1,3-dione | 161596-47-0 | Linezolid |
| 11 | (S)-5-(Aminomethyl)-3-(3-fluoro-4-morpholinophenyl)oxazolidin-2-one | 168828-90-8 | Linezolid |
| 12 | 2-[(2R)-3-[[3-Fluoro-4-(4-morpholinyl)phenyl]amino]-2-hydroxypropyl]-1H-isoindole-1,3(2H)-dione | 874340-08-6 | Linezolid |
| 13 | (S)-N-[[3-[3-Fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl] methyl] phthalimide | 168828-89-5 | Linezolid |
| 14 | N-[[(S)-3-(3-Fluoro-4-morpholinophenyl)-2-oxo-5-oxazolidinyl]methyl]acetamide | 165800-03-3 | Linezolid |
| 15 | Ethyl 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-(4-nitrophenyl)-7-oxo-1H-pyrazolo[3,4-c]pyridine-3-carboxylate | 536759-91-8 | Apixaban |
| 16 | 3-Chloro-5,6-dihydro-1-(4-nitrophenyl)-2(1H)-pyridinone | 536760-29-9 | Apixaban |
| 17 | 5-Chloro-N-(4-nitrophenyl)pentanamide | 1039914-85-6 | Apixaban |
| 18 | 1-(4-Nitrophenyl)piperidin-2-one | 38560-30-4 | Apixaban |
| 19 | 3,3-Dichloro-1-(4-nitrophenyl)-2-piperidinone | 881386-01-2 | Apixaban |
| 20 | Ethyl-6-(4-aminophenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate hydrochloride | N/A | Apixaban |
| 21 | Ethyl-6-[4-[(5-chloro-1-oxopentyl)amino]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-1H-pyrazolo[3,4-c]pyridine-3-carboxylate | 1421823-20-2 | Apixaban |
| 22 | 6-chloro-3-isopropylpyrimidine -2,4(1 H,3H)-dione | 887581-47-7 | Mavacamten |
| 23 | 1-Isopropylurea | 691-60-1 | Mavacamten |
| 24 | l-isopropylpyrimidine-2,4,6 ( 1 H,3 H,5H)-trione | 69998-14-7 | Mavacamten |
| 25 | (S)-3-isopropyl-6-((1-phenylethyl)amino) pyrimidine-2,4(1H,3H)-dione | 1642288-47-8 | Mavacamten |
| 26 | 5-(4-Bromo-phenyl)-4,6-dichloro-pyrimidine | 146533-41-7 | Macitentan |
| 27 | 4-hydroxy-3,5 dimethylbenzaldehyde | 2233-18-3 | Elafibranor |
| 28 | (E)-3-(4-hydroxy-3,5-dimethylphenyl)-1-(4-(methylthio)phenyl) prop-2-en-1-one | 923978-99-8 | Elafibranor |
| 29 | (E)-2-(2,6-Dimethyl-4-(3-(4-(methylthio)phenyl)-3-oxoprop-1-en-1-yl)phenoxy)-2-methylpropanoic acid | 923978-27-2 | Elafibranor |
| 30 | 6-Chloro-3-methyluracil | 4318-56-3 | Alogliptin benzoate |
| 31 | Tert-butyl (R)-piperidin-3-ylcarbamate | 309956-78-3 | Alogliptin benzoate |
| 32 | (S)-1-phenyl-1,2,3,4-tetrahydroisoquinoline | 118864-75-8 | Solifenacin succinate |
| 33 | (R)-quinuclidin-3-yl (S)-1-phenyl-3,4-dihydroisoquinoline-2(1H)-carboxylate succinate | 242478-38-2 | Solifenacin succinate |
| 34 | (R)-quinuclidin-3-yl (S)-1-phenyl-3,4-dihydroisoquinoline-2(1H)-carboxylate | 242478-37-1 | Solifenacin succinate |
| 35 | (2S)-1-(Chloroacetyl)-2-pyrrolidinecarbonitrile | 207557-35-5 | Vildagliptin |
| 36 | (2S)-2-Carbamoylpyrrolidine | 7531-52-4 | Vildagliptin |
| 37 | 2-(3-(diisopropylamino)-1-phenylpropyl)-4-(hydroxymethyl)phenol | 200801-70-3 | Fesoterodine fumarate |
| 38 | (R)-2-(3-(diisopropylamino)-1-phenylpropyl)-4-(hydroxymethyl)phenol | 207679-81-0 | Fesoterodine fumarate |
| 39 | (R)-2-(3-(Diisopropylamino)-1-phenylpropyl)-4-(hydroxymethyl)phenylisobutyrate fumarate | 286930-03-8 | Fesoterodine fumarate |
| 40 | (4-Mercapto-2-methylphenoxy)acetic acid ethyl ester | 343322-82-7 | Seladelpar D-lysine Dihydrate |
| 41 | (2S)-2-[[4-(Trifluoromethyl)phenoxy]methyl]oxirane | 256372-58-4 | Seladelpar D-lysine Dihydrate |

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|---|---|---|---|
| 42 | Ethyl 2-(o-tolyloxy)acetate | 93917-68-1 | Seladelpar D-lysine Dihydrate |
| 43 | Ethyl 2-(4-(chlorosulfonyl)-2-methylphenoxy)acetate | 91427-62-2 | Seladelpar D-lysine Dihydrate |
| 44 | ethyl 2-(2,6-dichlorophenoxy)propanoate | 344559-34-8 | Lofexidine HCl |
| 45 | 5-(2,6-Dichlorophenoxy)-6-methyl-1,2,3,6-tetrahydropyrazine | 2570882-09-4 | Lofexidine HCl |
| 46 | 2-(1-(2,6-Dichlorophenoxy)ethyl)-4,5-dihydro-1H-imidazole hydrochloride | 21498-08-8 | Lofexidine HCl |
| 47 | (S)-3-(4-(5-Bromo-2-chlorobenzyl)phenoxy)tetrahydrofuran | 915095-89-5 | Empagliflozin |
| 48 | 5-amino-2,4-di-tert-butylphenyl methyl carbonate | 1182822-31-6 | Ivacaftor |
| 49 | 4-oxo-1,4-dihydroquinoline-3-carboxylic acid | 13721-01-2 | Ivacaftor |
| 50 | 1-(2-ethoxyethyl)-2-(piperidin-4-yl)-1H-benzo[d]imidazole hydrochloride | 1841081-72-8 | Bilastine |
| 51 | tert-butyl 4-(1H-benzo[d]imidazol-2-yl)piperidine-1-carboxylate | 953071-73-3 | Bilastine |
| 52 | 2-(4-(2-(4-(1-(2-ethoxyethyl)-1H-benzo[d]imidazol-2-yl)piperidin-1-yl)ethyl)phenyl)-2-methylpropanoic acid | 202189-78-4 | Bilastine |
| 53 | (2R,3R,4R,5S,6S)-2-(acetoxymethyl)-6-(4-chloro-3-(4-ethoxybenzyl)phenyl)tetrahydro-2H-pyran-3,4,5-triyl triacetate | 461432-25-7 | Dapagliflozin |
| 54 | (2S,3R,4R,5S,6R)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol | 461432-26-8 | Dapagliflozin |
| 55 | (2R)-2-Hydroxy-N-[2-(4-nitrophenyl)ethyl]-2-phenylacetamide | 521284-19-5 | Mirabegron |
| 56 | (R)-2-((4-nitrophenethyl)amino)-1-phenylethan-1-ol hydrochloride | 521284-21-9 | Mirabegron |
| 57 | (1R)-2-[[2-(4-Aminophenyl)ethyl]amino]-1-phenylethan-1-ol | 391901-45-4 | Mirabegron |
| 58 | 2-(2-Amino-1,3-thiazol-4-yl)-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]acetamide | 223673-61-8 | Mirabegron |
| 59 | 8-(pyrimidin-2-yl)-5,8-diazaspiro[4.5] decan-5-ium bromide | 81461-73-6 | Gepirone Hydrochloride |
| 60 | 4,4-dimethylpiperidine- 2,6-dione | 1123-40-6 | Gepirone Hydrochloride |
| 61 | 2-(piperazin-1 yl)pyrimidine | 142994-19-2 | Gepirone Hydrochloride |
| 62 | 3,3-dimethylpentanedioic acid | 4839-46-7 | Gepirone Hydrochloride |
| 63 | 4,4-dimethyl-1-(4-(4-(pyrimidin-2-yl)piperazin -1-yl)butyl)piperidine-2,6-dione | 83928-76-1 | Gepirone Hydrochloride |
| 64 | 1-cyclohexylpiperazine | 17766-28-8 | Avatrombopag Maleate |
| 65 | 4-(4-Chloro-2-thienyl)-5-(4-cyclohexyl-1-piperazinyl)-2-thiazolamine | 570407-42-0 | Avatrombopag Maleate |
| 66 | 5-Chloro-6-[4-(ethoxycarbonyl)-1-piperidinyl]-3-pyridinecarboxylic acid | 931395-73-2 | Avatrombopag Maleate |
| 67 | 5-Bromo-4-(4-chloro-2-thienyl)-2-thiazolamine | 2161380-87-4 | Avatrombopag Maleate |
| 68 | 2-Thiazolamine, 4-(4-chloro-2-thienyl)-, hydrobromide | 2410628-50-9 | Avatrombopag Maleate |
| 69 | Ethyl-1-[3-chloro-5-[[[4-(4-chloro-2-thienyl)-5-(4-cyclohexyl-1-piperazinyl)-2-thiazolyl]amino]carbonyl]-2-pyridinyl]-4-piperidinecarboxylate | 570403-14-4 | Avatrombopag Maleate |
| 70 | N-Formyl-3,5-dimethyladamantane-1-amine | 351329-88-9 | Memantine Hydrochloride |
| 71 | 3,5-Dimethyltricyclo[3.3.1.13,7]decan-1-amine Hydrochloride | 41100-52-1 | Memantine Hydrochloride |
| 72 | 1-(3,4-Dimethoxyphenethyl)urea | 25017-47-4 | Ensifentrine |
| 73 | 1-(3,4-Dimethoxyphenethyl)pyrimidine-2,4,6(1H,3H,5H)-trione | 75535-95-4 | Ensifentrine |
| 74 | 2-Chloro-9,10-dimethoxy-6,7-dihydro-4H-pyrimido[6,1-a]isoquinolin-4-one | 75535-96-5 | Ensifentrine |
| 75 | 2-(Mesitylamino)-9,10-dimethoxy-6,7-dihydro-4H-pyrimido[6,1-a]isoquinolin-4-one | 76536-66-8 | Ensifentrine |
| 76 | 3,5,5,8,8-pentamethyl-5,6,7,8-tetrahydronaphthalene-2-carbaldehyde | 17610-20-7 | Palovarotene |
| 77 | Methyl 4-((dimethoxyphosphoryl)methyl)benzoate | 78022-19-2 | Palovarotene |
| 78 | 4-(Morpholin-4-yl)-1,2,5-thiadiazol-3-ol | 30165-97-0 | Timolol |
| 79 | 4-(4-chloro-1,2,5-thiadiazol-3-yl) morpholine | 30165-96-9 | Timolol |
| 80 | (S)-4-(4-(oxiran-2-ylmethoxy)-1,2,5-thiadiazol-3-yl)morpholine | 69500-53-4 | Timolol |
| 81 | (S)-1-(tert-butylamino)-3-((4-morpholino-1,2,5-thiadiazol-3-yl)oxy)propan-2-ol maleate | 26921-17-5 | Timolol |
| 82 | (S)-4-(tert-butoxycarbonyl)-1,4-oxazepane-2-carboxylic acid | 1273567-44-4 | Brensocatib |

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# Product List – Intermediates

| Sr. No. | Product Name | CAS No | API |
|---|---|---|---|
| 83 | (S)-2-(hydroxymethyl) -1,2-dihydro-3H,8H-2a,5,8a- triazaacenaphthylene-3,8-dione | 1198016-28-2 | Gepotidacin mesylate |
| 84 | 3,4-dihydro-2H-pyrano[2,3-c]pyridine-6-carbaldehyde | 527681-61-4 | Gepotidacin mesylate |
| 85 | tert-butyl piperidin-4-ylcarbamate | 73874-95-0 | Gepotidacin mesylate |
| 86 | 1-(Piperidin-4-yl)-1,3-dihydro-2H-imidazo[4,5-b]pyridin-2-one dihydrochloride | 781649-84-1 | Rimegepant |
| 87 | N3-(piperidin-4-yl)pyridine-2,3-diamine Dihydrochloride | 1373116-08-5 | Rimegepant |
| 88 | 1-(1-(1H-Imidazole-1-carbonyl)piperidin-4-yl)-1,3-dihydro-2H-imidazo[4,5-b]pyridin-2-one | 1373116-06-3 | Rimegepant |
| 89 | 2-Fluoro-4-phenoxybenzoic acid | 2769989-60-6 | Rilzabrutinib |
| 90 | 2-((2-fluoro-4-phenoxyphenyl)(methoxy)methylene)malononitrile | 3105785-68-7 | Rilzabrutinib |
| 91 | 3-Amino-5-(4-phenoxyphenyl)-1H-pyrazole-4-carbonitrile | 3105785-67-6 | Rilzabrutinib |
| 92 | 3-(2-Fluoro-4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine | 1575590-09-8 | Rilzabrutinib |
| 93 | N-phenylmethanesulfonamide | 1197-22-4 | Sotalol Hydrochloride |
| 94 | N-(4-(2-chloroacetyl)phenyl)methanesulfonamide | 64488-52-4 | Sotalol Hydrochloride |
| 95 | N-[4-(Isopropylglycyl)phenyl]methanesulfonamide hydrochloride | 5576-49-8 | Sotalol Hydrochloride |
| 96 | 3,5-Dichloro-4-[[6-chloro-5-(1-methylethyl)-3-pyridazinyl]oxy]benzenamine | 920509-27-9 | Resmetirom |
| 97 | N-[3,5-Dichloro-4-[[1,6-dihydro-5-(1-methylethyl)-6-oxo-3-pyridazinyl]oxy]phenyl]acetamide | 1581304-51-9 | Resmetirom |
| 98 | 6-(4-Amino-2,6-dichlorophenoxy)-4-(1-methylethyl)-3(2H)-pyridazinone | 920509-28-0 | Resmetirom |
| 99 | Ethyl-N-[2-cyano-2-[2-[3,5-dichloro-4-[[1,6-dihydro-5-(1-methylethyl)-6-oxo-3-pyridazinyl]oxy]phenyl]hydrazinylidene]acetyl]carbamate | 920509-33-7 | Resmetirom |
| 100 | (S)-1-(cyanomethyl)-5-(2,2-dimethyltetrahydro-2H-pyran-4-yl)-N-methyl-N-phenyl-1H-indole-2-carboxamide | 2212021-80-0 | Orforglipron |
| 101 | 5-((S)-2,2-dimethyltetrahydro-2H-pyran-4-yl)-N-methyl-1-((1S,2S)-2-methyl-1-(5-oxo-2,5-dihydro-1,2,4-oxadiazol-3-yl)cyclopropyl)-N-phenyl-1H-indole-2-carboxamide | 2212021-82-2 | Orforglipron |
| 102 | 5-((S)-2,2-dimethyltetrahydro-2H-pyran-4-yl)-1-((1S,2S)-2-methyl-1-(5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)cyclopropyl)-1H-indole-2-carboxylic acid | 2212021-83-3 | Orforglipron |
| 103 | 3-Chloro-4-(pyridin-3-yl)-1,2,5-thiadiazole | 131986-28-2 | Xanomeline Tartarate |
| 104 | 3-(Hexyloxy)-4-(pyridin-3-yl)-1,2,5-thiadiazole | 131987-69-4 | Xanomeline Tartarate |
| 105 | 3-(4-(hexyloxy)-1,2,5-thiadiazol-3-yl)-1-methylpyridin-1-ium iodide | 131988-19-7 | Xanomeline Tartarate |
| 106 | 3-(Hexyloxy)-4-(1-methyl-1,2,5,6-tetrahydropyridin-3-yl)-1,2,5-thiadiazole | 131986-45-3 | Xanomeline Tartarate |
| 107 | 3-(Hexyloxy)-4-(1-methyl-1,2,5,6-tetrahydropyridin-3-yl)-1,2,5-thiadiazole(2R,3R)-2,3-dihydroxysuccinate | 152854-19-8 | Xanomeline Tartarate |
| 108 | 1-methyl-6-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-3,4-dihydroquinolin-2(1H)-one | 1427587-32-3 | Baxdrostat |
| 109 | 1-methyl-6-(8-oxo-5,6,7,8-tetrahydroisoquinolin-4-yl)-3,4-dihydroquinolin-2(1H)-one | 1428652-87-2 | Baxdrostat |
| 110 | tert-butyl (2-((4-amino-6-chloropyrimidin-5-yl)oxy)ethyl)(methyl)carbamate | 1787294-51-2 | Remibrutinib |
| 111 | 4-cyclopropyl-2-fluorobenzoic acid | 1247927-81-6 | Remibrutinib |
| 112 | 2-(5-fluoro-2-methyl-3-nitrophenyl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane | 1418128-32-1 | Remibrutinib |
| 113 | N-(3-(6-amino-5-(2-(N-methylacrylamido)ethoxy)pyrimidin-4-yl)-5-fluoro-2-methylphenyl)-4-cyclopropyl-2-fluorobenzamide | 1787294-07-8 | Remibrutinib |
| 114 | 5-(2-fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrole-3-carbaldehyde | 881677-11-8 | Vonoprazan Fumarate |
| 115 | 1-(5-(2-fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)-N-methylmethanamine fumarate | 881681-01-2 | Vonoprazan Fumarate |

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