

ADVANCED INTERMEDIATES

S.No.	NAME OF THE INTERMEDIATE	CAS NUMBER	RELATED API	Therapeutic class
1	2- <i>N</i> -Butyl-1,3-diazaspiro(4,4)non-1-en-4-one Hydrochloride (Spiro Compound)	151257-01-1	Irbesartan	Antagonist
2	3-Acetyl pyridine	350-03-8	Imatinib	Anticancer
3	4-[(4-Methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride	106261-49-8	Imatinib	
4	4-[(4-Methylpiperazin-1-yl)methyl]- <i>N</i> -[4-methyl-3-[(4-pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide (Imatinib base)	152459-95-5	Imatinib	
5	<i>N</i> -(5-Amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidineamine	152460-10-1	Imatinib	
6	2-(Bromomethyl)-3-nitrobenzoic Acid Methyl Ester	98475-07-1	Lenalidomide	
7	3-Aminopiperidine-2,6-dione hydrochloride (3AP)	24666-56-6	Lenalidomide	
8	2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid diethyl ester	738606-43-4	Bempedoic Acid	Anticholesterol
9	2,2,14,14-Tetramethyl-8-oxopentadecanedioic acid	413624-71-2	Bempedoic Acid	
10	Toluenesulfonylmethyl isocyanide (TosMIC)	36635-61-7	Bempedoic Acid	
11	Ethyl 7-iodo-2,2-dimethylheptanoate	942-641-7	Bempedoic Acid	
12	Ethyl 7-bromo-2,2-dimethylheptanoate	123469-92-1	Bempedoic Acid	

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13	Dibenzosuberone	1210-35-1	Amitriptyline HCl/Nortriptyline HCl	Antidepressant
14	4-(4-Chlorophenyl)-4-hydroxy piperidine (PCP)	39512-49-7	Haloperidol/Loperamide HCl	Antidiarrheal
15	Dihydro-N,N-dimethyl-3,3-diphenyl-2(3H)-furaniminium bromide	37743-18-3	Loperamide	
16	3-Aminoadamantan-1-ol	702-82-9	Vildagliptin	Antidiabetic
17	(S)-1-(2-Chloroacetyl)pyrrolidine-2-carbonitrile	207557-35-5	Vildagliptin	
18	(S)-1-(Chloroacetyl)-2-pyrrolidine carboxamide	214398-99-9	Vildagliptin	
19	5-Bromo-2-chloro-4-ethoxydiphenylmethane	461432-23-5	Dapagliflozin	
20	2,3,4,6-Tetrakis-O-trimethylsilyl-D-gluconolactone	32384-65-9	Dapagliflozin, Empagliflozin, Canagliflozin	
21	5-Bromo-2-chlorobenzoic acid	21739-92-4	Dapagliflozin	
22	N-Methyl-1-naphthalene methylamine (Base)	14489-75-9	Terbinafine HCl	Antifungal
23	N-Methyl-1-naphthalene methylamine HCl	65473-13-4	Terbinafine HCl	
24	3-(3-Chloropropyl)-1,3-dihydro-7,8-dimethoxy-2H-3-benzazepin-2-one	85175-59-3	Ivabradine HCl	

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25	7,8-Dimethoxy-1,3,4,5-tetrahydrobenzo[d]azepin-2-one	20925-64-8	Ivabradine HCl	Antiheartfailure
26	7,8-Dimethoxy-1,3-dihydro-2H-3-benzazepin-2-one	73942-87-7	Ivabradine HCl	
27	4,5-Dimethoxy-1-cyanobenzocyclobutane	35202-54-1	Ivabradine HCl	
28	(1S)-4,5-Dimethoxy-1-[(methylamino)methyl]benzocyclobutane hydrochloride	866783-13-3	Ivabradine HCl	
29	Dibenzosuberone	2222-33-5	Cyclobenzaprine HCl/Cyproheptadine HCl	Antihistamine
30	Alpha,alpha-Diphenyl-4-piperidinomethanol	115-46-8	Fexofenadine	
31	Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate	154477-54-0	Fexofenadine	
32	Methyl 4-[4-[4-hydroxydiphenylmethyl)-1-piperidinyl] 1-oxobutyl]-2,2-dimethyl benzene acetate	154477-55-1	Fexofenadine	
33	2-(4-(Cyclopropanecarboyl)Phenyl)-2-Methylpropanoic Acid	162096-54-0	Fexofenadine	
34	2-Cyano-3-[2(3-chloro phenyl) ethyl]pyridine (L-5)	31255-57-9	Loratadine	
35	8-Chloro-6,11-dihydro-11-(1-methyl-4-piperidinylidene)-5H-benzo[5,6] cyclohepta [1,2-b]pyridine (N-Methyl Desloratadine)	38092-89-6	Loratadine	
36	5-Methylnicotinic acid	3222-49-9	Rupatadine	

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37	3-(Chloromethyl)-5-methylpyridine hydrochloride	1007089-84-0	Rupatadine	Antihistamine
38	Isonipecotic acid	498-94-2	Bilastine, Lasmiditan and Iloperidone	
39	Methyl isonipecotate	2971-79-1	Bilastine, Lasmiditan and Iloperidone	
40	Ethyl isonipecotate	1126-09-6	Bilastine, Lasmiditan and Iloperidone	
41	1-(2,3-Dichlorophenyl)Piperazine Hydrochloride (DCPH)	119532-26-2	Aripiprazole	Antipsychotic
42	1-(3-Chloropropyl)-1,3-dihydro-2H-benzimidazol-2-one	62780-89-6	Domperidone	Antiulcer
43	5-Chloro-1-piperidine-4-yl-1,3-dihydro-2H-benzimidazol-2-one	53786-28-0	Domperidone	
44	2-Chloromethyl-3,5-dimethyl-4-methoxypyridine HCl	86604-75-3	Omeprazole/Esomeprazole	
45	2-Hydroxymethyl-3,5-dimethyl,4-methoxy pyridine	86604-78-6	Omeprazole/Esomeprazole	Antiulcer
46	5-Methoxy-2[[[4-methoxy-3,5-dimethyl-2-methylpyridyl]1H-thio benzimidazole (Ome sulfide)	73590-85-9	Omeprazole/Esomeprazole	
47	2-Chloromethyl-3,4-dimethoxypyridine HCl	72830-09-2	Pantoprazole	
48	5-Difluoromethoxy-2-mercapto-1-H-benzimidazole	97963-62-7	Pantoprazole	

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49	5-(Difluoro methoxy)-2-[[3,4 dimethoxypyridin-2-yl)methyl]thio}-1H-benzimidazole (Panto Sulfide)	102625-64-9	Pantoprazole	
50	6-Fluoro-3-hydroxypyrazine-2-carbonitrile dicyclohexylamine	1137606-74-6	Favipiravir	Antiviral
51	4,7-dichloroquinoline (4,7-DCQ)	86-98-6	Hydroxychloroquine sulfate	
52	5-(N-Ethyl-N-2-hydroxyethyl amino)-2-pentylamine (HNDA)	69559-11-1	Hydroxychloroquine sulfate	
53	10-Methoxy iminostilbene	4698-11-7	Oxcarbazepine	Anticonvulsant
54	Iminostilbene Carbonyl chloride	33948-22-0	Oxcarbazepine/ Carbamazepine	