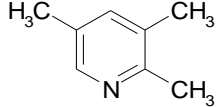
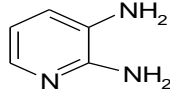
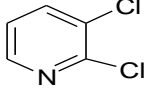
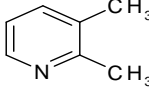
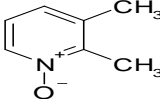
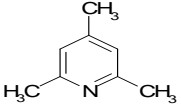
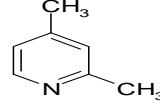
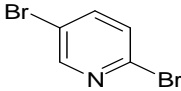
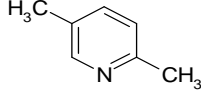
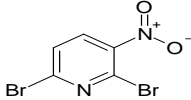
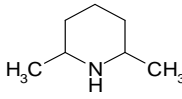
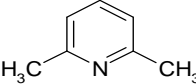
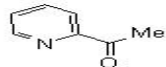
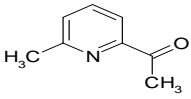
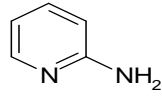
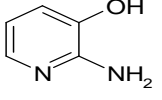
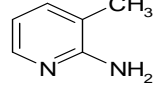
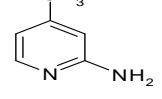


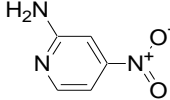
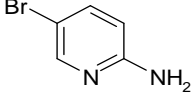
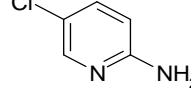
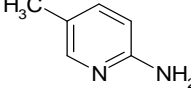
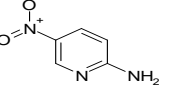
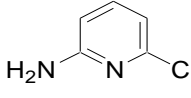
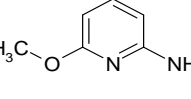
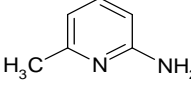
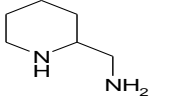
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
1	2,3,5-Collidine	[695-98-7]	2,3,5-Trimethylpyridine	C ₈ H ₁₁ N	Omeprazole; Esomeprazole				Commercial - Regular Production
2	2,3-Diamio Pyridine	[452-58-4]	2,3-pyridinediamine	C ₅ H ₇ N ₃	Salidroside				Commercial - Campaign Based
3	2,3-Dichloro Pyridine	[2402-77-9]	2,3-Dichloro Pyridine	C ₅ H ₃ Cl ₂ N		Chlorantraniliprole			Commercial - Regular Production
4	2,3-Lutidine	[583-61-9]	2,3-Dimethylpyridine	C ₇ H ₉ N	Lansoprazole; Rabeprazole; Moxifloxacin				Commercial - Regular Production
5	2,3-Lutidine-N-oxide	[22710-07-2]	2,3-Dimethyl pyridine-1-oxide	C ₇ H ₉ NO	Lansoprazole; Rabeprazole				Scaled up in Kilograms Quantities
6	2,4,6-Collidine	[108-75-8]	2,4,6-Trimethylpyridine	C ₈ H ₁₁ N	Vitamin D; Dydrogesterone				Commercial - Campaign Based
7	2,4-Lutidine	[108-47-4]	2,4-Dimethylpyridine	C ₇ H ₉ N	Lufironil; Argatroban				Commercial - Campaign Based
8	2,5-Dibromopyridine	[624-28-2]	2,5-Dibromopyridine	C ₅ H ₃ Br ₂ N	New Drug				Commercial - Campaign based
9	2,5-Lutidine	[589-93-5]	2,5-Dimethylpyridine	C ₇ H ₉ N	Sunepitron				Commercial - Campaign Based

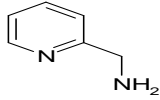
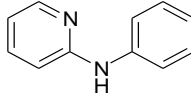
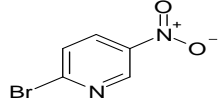
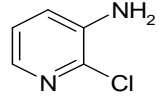
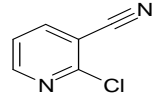
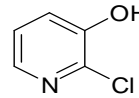
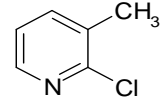
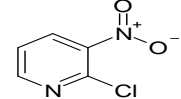
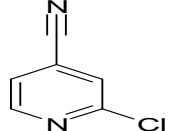
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
10	2,6-Dibromo-3-nitropyridine	[55304-80-8]	2,6-Dibromo-3-nitropyridine	C ₅ H ₂ Br ₂ N ₂ O ₂	New Drug				Developed in R&D
11	2,6-Dimethyl piperidine	[504-03-0]	2,6-Dimethyl piperidine	C ₇ H ₁₅ N	Pirmenol hydrochloride				Commercial - Campaign based
12	2,6-Lutidine	[108-48-5]	2,6-Dimethylpyridine	C ₇ H ₉ N	Ampicillin, Amoxicillin, Gemcitabine; Everolimus, Clopidol; Nifurpirinol; Pirmenol; Pirozadil; Pyricarbate; Tetomilast				Commercial - Campaign Based
13	2-Acetylpyridine	[1122-62-9]	2-Acetylpyridine	C ₇ H ₇ NO	Doxylamine				Commercial - Campaign Based
14	2-Acetyl-6-methylpyridine	[6940-57-4]	1-(6-Methyl-pyridin-2-yl)-ethanone	C ₈ H ₉ NO	New Drug				Developed in R&D
15	2-Amino pyridine	[504-29-0]	Pyridin-2-ylamine	C ₅ H ₆ N ₂	Piroxicam; Risperidone; Tenoxicam; Mepyramine; Methapyrilene; Fenylamidol; Sulphasalazine;	Clodinafop; Imazosulfuran; Rimsulfuron; Sulfosulfuron			Commercial - Regular Production
16	2-Amino-3-hydroxypyridine	[16867-03-1]	2-Amino-pyridin-3-ol	C ₅ H ₆ N ₂ O	PPO294(Preclinical), L750355(Preclinical)				Scaled up in Kilograms Quantities
17	2-Amino-3-methyl pyridine	[1603-40-3]	3-Methylpyridin-2-ylamine	C ₆ H ₈ N ₂	Pemirolast				Commercial - Regular Production
18	2-Amino-4-methyl pyridine	[695-34-1]	4-Methylpyridin-2-ylamine	C ₆ H ₈ N ₂	Nevirapine; Piketoprofen; Rifaximin				Commercial - Regular Production

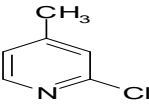
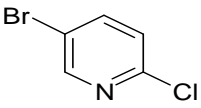
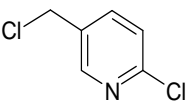
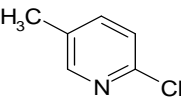
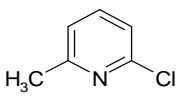
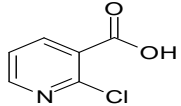
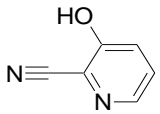
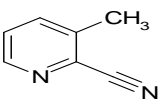
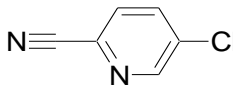
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
19	2-Amino-4-Nitro Pyridine	[4487-50-7]	2-Amino-4-Nitro Pyridine	C ₅ H ₅ N ₃ O ₂			Azo metal compounds, Optical recording medium		Developed in R&D
20	2-Amino-5-bromopyridine	[1072-97-5]	5-Bromopyridin-2-ylamine	C ₅ H ₅ BrN ₂	New Drug				Scaled up in Kilograms Quantities
21	2-Amino-5-chloropyridine	[1072-98-6]	2-Amino-5-chloropyridine	C ₅ H ₅ ClN ₂	Zopiclone, Eszopiclone; Etoricoxib; Metrenperone	ClodinafopP			Commercial - Campaign based
22	2-Amino-5-methyl pyridine	[1603-41-4]	5-Methylpyridin-2-ylamine	C ₆ H ₈ N ₂	Zolpidem , Pirfenidone	Chlorfluazuron; Fluazuron; Haloxyfop			Commercial - Regular Production
23	2-Amino-5-nitropyridine	[4214-76-0]	5-Nitro-pyridin-2-ylamine	C ₅ H ₅ N ₃ O ₂	New Drug				Developed in R&D
24	2-Amino-6-chloro pyridine	[45644-21-1]	2-Amino-6-chloropyridine	C ₅ H ₅ ClN ₂					Scaled up in Kilograms Quantities
25	2-Amino-6-methoxy pyridine	[17920-35-3]	6-Methoxy-pyridin-2-ylamine	C ₆ H ₈ N ₂ O	Liranaftate	Pyributicarb			Developed in R&D
26	2-Amino-6-methyl pyridine	[1824-81-3]	6-Methylpyridin-2-ylamine	C ₆ H ₈ N ₂	Nalidixic acid; Rimazolium metilsulfate				Commercial - Regular Production
27	2-Aminomethyl piperidine	[22990-77-8]	C-Piperidin-2-yl-methylamine	C ₆ H ₁₄ N ₂	Flecainide acetate				Commercial - Campaign based

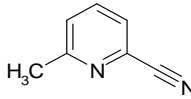
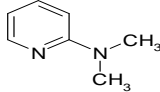
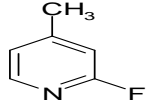
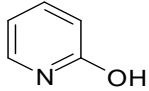
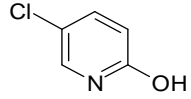
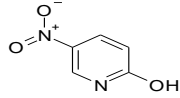
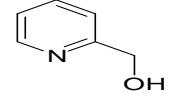
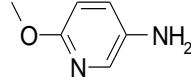
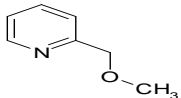
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
28	2-Aminomethyl pyridine	[3731-51-9]	C-Pyridin-2-yl-methylamine	C ₆ H ₈ N ₂	Flecainide acetate				Commercial - Campaign based
29	2-Anilinopyridine	[6631-37-4]	Phenyl-2-pyridylamine	C ₁₁ H ₁₀ N ₂	Isothipendyl, Pipazetate				Developed in R&D
30	2-Bromo-5-nitropyridine	[4487-59-6]	2-Bromo-5-nitropyridine	C ₅ H ₃ BrN ₂ O ₂	New Drug				Commercial - Campaign based
31	2-Chloro-3-aminopyridine	[6298-19-7]	2-Chloropyridin-3-ylamine	C ₅ H ₅ ClN ₂	Delavirdine, Pirenzepine				Scaled up in Kilograms Quantities
32	2-Chloro-3-cyanopyridine	[6602-54-6]	2-Chloronicotinonitrile	C ₆ H ₃ ClN ₂	Mirtazapine; Nevirapine				Commercial - Campaign based
33	2-Chloro-3-hydroxypyridine	[6636-78-8]	2-Chloro-pyridin-3-ol	C ₅ H ₄ ClNO		Trifloxysulfuron			Scaled up in Kilograms Quantities
34	2-Chloro-3-methylpyridine	[18368-76-8]	2-Chloro-3-methylpyridine	C ₆ H ₆ ClN	Azatidine, Loratadine, Desloratadine, Rupatadine				Developed in R&D
35	2-Chloro-3-nitropyridine	[5470-18-8]	2-Chloro-3-nitropyridine	C ₅ H ₃ ClN ₂ O ₂	Delavirdine, Isothipendyl				Developed in R&D
36	2-Chloro-4-cyanopyridine	[33252-30-1]	2-Chloro-isonicotinonitrile	C ₆ H ₃ ClN ₂	Diflomotecan				Scaled up in Kilograms Quantities

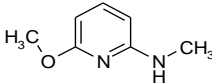
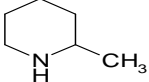
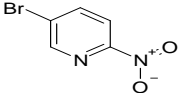
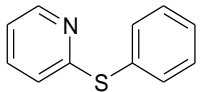
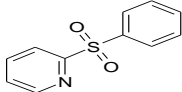
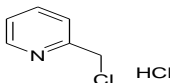
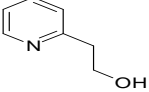
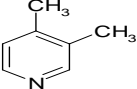
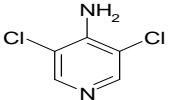
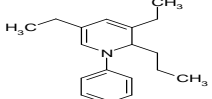
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
37	2-Chloro-4-methylpyridine	[3678-62-4]	2-Chloro-4-methylpyridine	C ₆ H ₆ ClN	Nevirapine				Scaled up in Kilograms Quantities
38	2-Chloro-5-bromopyridine	[53939-30-3]	5-Bromo-2-chloropyridine	C ₅ H ₃ BrClN	New Drug				Developed in R&D
39	2-Chloro-5-chloromethylpyridine	[58757-38-3]	2-Chloro-5-chloromethylpyridine	C ₆ H ₅ Cl ₂ N		Acetamidoprid, Imidacloprid, Nitenpyram, NTN32692			Developed in R&D
40	2-Chloro-5-methylpyridine	[18368-64-4]	2-Chloro-5-methylpyridine	C ₆ H ₆ ClN		Imidacloprid, Nitenpyram, NTN32692			Scaled up in Kilograms Quantities
41	2-Chloro-6-methylpyridine	[18368-63-3]	2-Chloro-6-methylpyridine	C ₆ H ₆ ClN		Nitrapyrin			Developed in R&D
42	2-Chloronicotinic acid	[2942-59-8]	2-Chloro-pyridin-3-carboxylic acid	C ₆ H ₄ ClNO ₂	Flunixin; Clonixin; Isonixin; Morniflumate; Niflumic acid; Pranoprofen; Talniflumate; Traxanox	Nicosulfuron, Diflufenican			Commercial - Campaign based
43	2-Cyano-3-hydroxy pyridine	[932-35-4]	3-Hydroxypicolonitrile	C ₆ H ₄ N ₂ O		Trifloxysulfuran			Scaled up in Kilograms Quantity
44	2-Cyano-3-methylpyridine	[20970-75-6]	3-Methyl-pyridine-2-carbonitrile	C ₇ H ₆ N ₂	Azatidine, Loratadine, Desloratadine, Rupatadine				Developed in R&D
45	2-cyano-5-chloro pyridine	[89809-64-3]	5-Chloro-2-cyanopyridine	C ₆ H ₃ ClN ₂	Metabotropic glutamate receptors				Scaled up in Kilograms Quantity

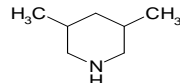
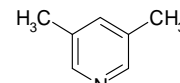
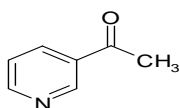
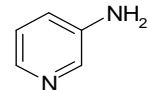
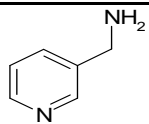
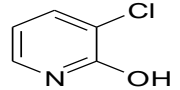
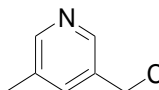
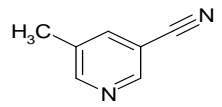
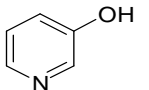
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
46	2-Cyano-6-methylpyridine	[1620-75-3]	6-Methyl-pyridine-2-carbonitrile	C ₇ H ₆ N ₂	New Drug				Developed in R&D
47	2-Dimethylamino pyridine	[5683-33-0]	C-Pyridin-2-yl-methanediamine	C ₆ H ₉ N ₃	New Drug				Developed in R&D
48	2-Fluoro-4-methylpyridine	[461-87-0]	2-Fluoro-4-methylpyridine	C ₆ H ₆ FN	New Drug				Developed in R&D
49	2-Hydroxy Pyridine	[142-08-5]	Pyridin-2-ol	C ₅ H ₅ NO	deltaAminolevulinic acid hydrochloride, Levetiracetam, Amphenidone	Pyriproxyfen			Commercial - Campaign based
50	2-Hydroxy-5-chloropyridine	[4214-79-3]	5-Chloro-pyridin-2-ol	C ₅ H ₄ ClNO	Etoricoxib				Developed in R&D
51	2-Hydroxy-5-nitropyridine	[5418-51-9]	5-Nitro-2-pyridinol	C ₅ H ₆ N ₂ O ₃	Sofinicine				Developed in R&D
52	2-Hydroxymethyl pyridine (Pyridine-2-methanol)	[586-98-1]	Pyridin-2-yl-methanol	C ₆ H ₇ NO	Bevonium Metilsulfate; Pineprofen, Ibuprofen piconol				Commercial - Regular Production
53	2-Methoxy-5-Amino Pyridine	[6628-77-9]	2-Methoxy-5-Amino Pyridine	C ₆ H ₈ N ₂ O					Commercial - Campaign based
54	2-Methoxymethyl pyridine	[23579-92-2]	2-Methoxymethyl pyridine	C ₇ H ₉ NO	New Drug				Developed in R&D

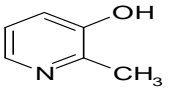
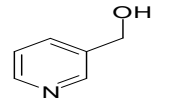
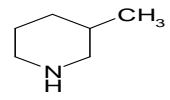
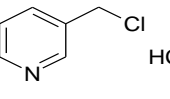
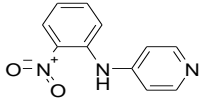
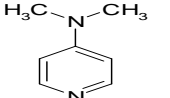
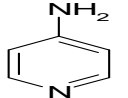
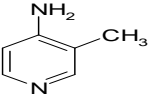
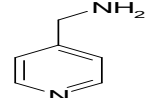
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
55	2-Methoxy-6-(methylamino)pyridine	[88569-83-9]	2-Methoxy-6-Picolineamine	C7H10N2O		Pyributicarb			Developed in R&D
56	2-Methyl piperidine	[109-05-7]	2-Methyl piperidine	C6H13N		Piperalin; Piperophos			Commercial
57	2-Nitro-5-bromopyridine	[39856-50-3]	5-Bromo-2-nitropyridine	C5H3BrN2O2	New Drug				Scaled up in Kilograms Quantities
58	2-Phenylthio Pyridine	[3111-54-4]	2-Pyridyl phenyl sulfide	C11H9NS					Developed in R&D
59	2-Phenylsulfonyl Pyridine	[24244-60-8]	2-Benzenesulfonylpyridine	C11H9NSO2					Developed in R&D
60	2-Picolylchloride. HCl	[6959-47-3]	2-Chloromethyl pyridine. HCl	C6H6ClN	Mefloquine; Picoperine; Enzastaurin				Commercial - Campaign based
61	2-Pyridineethanol	[103-74-2]	2-pyridin-2-yl-ethanol	C7H9NO	Mesoridazine, Thioridazine				Developed in R&D
62	3,4-Lutidine	[583-58-4]	3,4-Dimethylpyridine	C7H9N	Pentazocine; Phenazocine				Commercial - Campaign Based
63	3,5-Dichloro-4-aminopyridine	[22889-78-7]	4-AMINO-3,5-Dichloropyridine	C5H4Cl2N2	Roflumilast				Developed in R&D
64	3,5-Diethyl-1,2-dihydro-1-phenyl-2-propyl pyridine or PDHP	[34562-31-7]	3,5-Diethyl-1,2-dihydro-1-phenyl-2-propyl pyridine	C18H25N			Accelerator for Adhesives		Developed in R&D

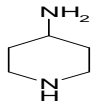
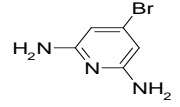
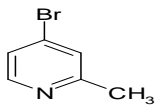
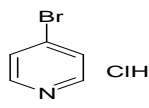
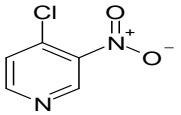
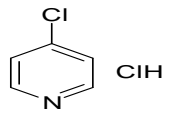

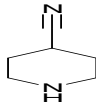
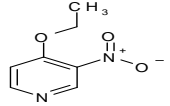
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
65	3,5-Dimethyl piperidine	[35794-11-7]	3,5-dimethyl piperidine	C7H15N	Pirmenol hydrochloride; Tilmicosin				Commercial - Regular Production
66	3,5-Lutidine	[591-22-0]	3,5-Dimethylpyridine	C7H9N	Omeprazole; Esomeprazole; Rupatadine				Commercial - Regular Production
67	3-Acetylpyridine	[350-03-8]	3-Acetylpyridine	C7H7NO	Telithromycin; Imatinib mesylate		Metyrapone		Commercial - Campaign based
68	3-Amino pyridine	[462-08-8]	Pyridin-3-ylamine	C5H6N2	Paliperidone; Pirenzepine; Pyridostigmine; Troxipide	Flucetosulfuron			Scaled up in Kilograms Quantities
69	3-Aminomethyl pyridine	[3731-52-0]	C-Pyridin-3-yl-methylamine	C6H8N2	Nicotinyl alcohol; Picotamide	Acetamiprid			Commercial - Campaign based
70	3-Chloro-2-hydroxypyridine	[13466-35-8]	3-Chloro-2-hydroxypyridine	C5H4ClNO	New Drug				Scaled up in Kilograms Quantities
71	3-chloromethyl-5-methylpyridine	[1007089-84-0]	3-chloromethyl-5-methylpyridine	C7H8ClN	Rupatadine				Scaled up in Kilograms Quantity
72	3-Cyano-5-methylpyridine	[42885-14-3]	5-Methyl-nicotinonitrile	C7H6N2	New Drug				Developed in R&D
73	3-Hydroxy Pyridine	[109-00-2]	Pyridin-3-ol	C5H5NO	New Drug				Scaled up in Kilograms Quantities

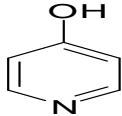
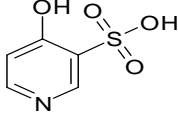
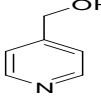
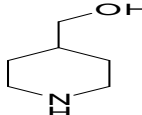
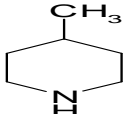
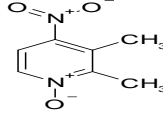
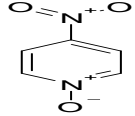
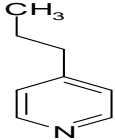
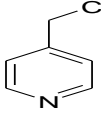
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
74	3-Hydroxy-2-methylpyridine	[1121-25-1]	2-Methylpyridin-3-ol	C ₆ H ₇ NO	Pantoprazole	Febrifugine; Halofuginone			Commercial - Campaign based
75	3-Hydroxymethyl pyridine (Pyridine-3-methanol)	[100-55-0]	Pyridin-3-yl-methanol	C ₆ H ₇ NO	Indinavir; Nicofibrate				Commercial - Campaign based
76	3-Methyl piperidine	[626-56-2]	3-Methyl piperidine	C ₆ H ₁₃ N	New Drug				Commercial - Campaign based
77	3-Picolylchloride. HCl	[6959-48-4]	3-Chloromethyl pyridine. HCl	C ₆ H ₆ ClN	Indinavir; Risedronic acid; Tasuldine	Pyrifenoxy			Scaled up in Kilograms Quantities
78	4-(2-Nitroanilino)pyridine	[25551-59-1]	4-(2-Nitroanilino)pyridine	C ₁₁ H ₉ N ₃ O ₂	Timiperone				Developed in R&D
79	4-(Dimethylamino)pyridine	[1122-58-3]	Dimethylpyridin-4-ylamine	C ₇ H ₁₀ N ₂	Zidovudine; Abacavir; Lamivudine; Montelukast; Docetaxel; Paclitaxel; Alfentanil; Carfentanil; Cladribine; Sufentanil	Chlorpyrifos			Commercial - Regular Production
80	4-Amino pyridine	[504-24-5]	Pyridin-4-ylamine	C ₅ H ₆ N ₂	Indoramin; Lexipafant; Milverine; Octenidine; Pinacidil; Timiperone				Commercial - Campaign based
81	4-Amino-3-methylpyridine	[1990-90-5]	3-Methyl-pyridin-4-ylamine	C ₆ H ₈ N ₂	New Drug				Developed in R&D
82	4-Aminomethyl pyridine	[3731-53-1]	C-Pyridin-4-yl-methylamine	C ₆ H ₈ N ₂	New Drug				Scaled up in Kilograms Quantities

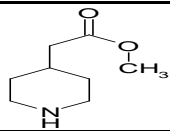
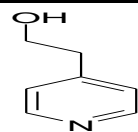
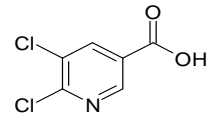
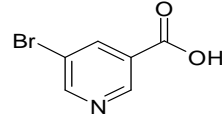
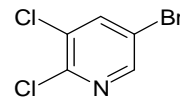
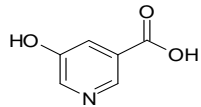
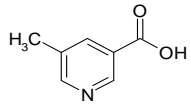
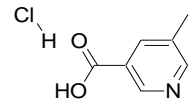
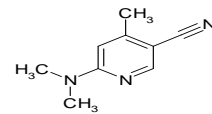
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
83	4-Aminopiperidine	[13035-19-3]	Piperidin-4-ylamine	C ₅ H ₁₂ N ₂	Astemizole				Scaled up in Kilograms Quantities
84	4-Bromo-2,6-diaminopyridine	[329974-09-6]	4-Bromo-2,6-Diaminopyridine	C ₅ H ₆ BrN ₃			4Ethynyl2,6diamidopyridine		Developed in R&D
85	4-Bromo-2-methylpyridine	[22282-99-1]	4-Bromo-2-methylpyridine	C ₆ H ₆ BrN	New Drug				Scaled up in Kilograms Quantities
86	4-Bromopyridine HCl	[19524-06-2]	4-Bromo-pyridine; hydrochloride	C ₅ H ₅ BrClN	New Drug				Developed in R&D
87	4-Chloro-3-nitropyridine	[13091-23-1]	4-Chloro-3-nitropyridine	C ₅ H ₃ ClN ₂ O ₂	Dersalarine				Developed in R&D
88	4-Chloropyridine Hydrochloride	[7379-35-3]	4-Chloro-pyridine; hydrochloride	C ₅ H ₄ ClN.HCl	Cefapirin, Timiperone				Developed in R&D
89	4-Chloropyridine-3-sulfonamide	[33263-43-3]	4-Chloro-pyridine-3-sulfonic acid amide	C ₄ H ₄ ClN ₂ O ₂ S	Torseמיד				Developed in R&D
90	4-Cyano piperidine	[4395-98-6]	Piperidine-4-carbonitrile	C ₆ H ₁₀ N ₂	Netrenperone				Scaled up in Kilograms Quantities
91	4-Ethoxy-3-nitropyridine	[1796-84-5]	4-Ethoxy-3-nitropyridine	C ₇ H ₈ N ₂ O ₃	Amifampridine				Developed in R&D

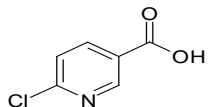
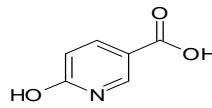
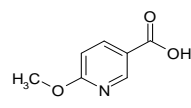
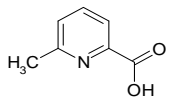
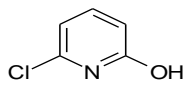
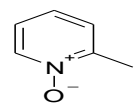
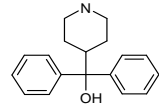
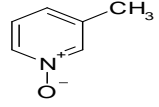
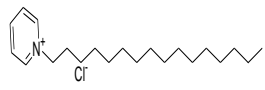
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
92	4-Hydroxy Pyridine	[626-64-2]	Pyridin-4-ol	C ₅ H ₅ NO	Torseamide		Propylidone		Scaled up in Kilograms Quantities
93	4-Hydroxy-3-pyridinesulfonic acid	[51498-37-4]	4-Hydroxy-pyridine-3-sulfonic acid	C ₅ H ₅ NO ₄ S	Torseamide				Scaled up in Kilograms Quantities
94	4-Hydroxymethyl pyridine (Pyridine-4-methanol)	[586-95-8]	Pyridin-4-yl-methanol	C ₆ H ₇ NO	Trimedoxime				Scaled up in Kilograms Quantities
95	4-Hydroxymethylpiperidine	[6457-49-4]	Piperidin-4-yl-methanol	C ₆ H ₁₃ NO	New Drug				Developed in R&D
96	4-Methyl piperidine	[626-58-4]	4-Methyl piperidine	C ₆ H ₁₃ N	Argatroban; Melperone				Commercial - Campaign based
97	4-Nitro-2,3-Lutidine-N-oxide	[37699-43-7]	2,3-Dimethyl-4-nitropyridine-1-oxide	C ₇ H ₈ N ₂ O ₃	Lansoprazole; Rabeprazole				Developed in R&D
98	4-Nitropyridine-N-oxide	[1124-33-0]	4-Nitropyridine-1-oxide	C ₅ H ₄ N ₂ O ₃	Fampridine, Pinacidil				Developed in R&D
99	4-n-Propylpyridine	[43064-12-6]	4-Propyl-pyridine	C ₈ H ₁₁ N					Developed in R&D
100	4-Picolylchloride. HCl	[1822-51-1]	4-Chloromethyl pyridine. HCl	C ₆ H ₆ ClN	Tropicamide				Commercial - Campaign based

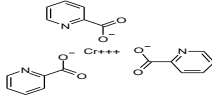
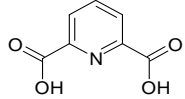
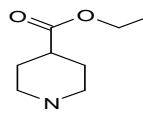
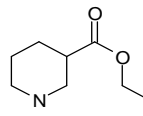
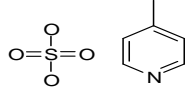
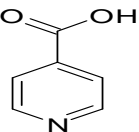
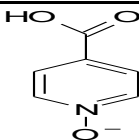
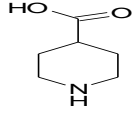
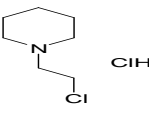
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
101	4-Piperidineacetic acid methyl ester	[168986-49-0]	Piperidin-4-yl-acetic acid methyl ester	C ₈ H ₁₅ NO ₂					Developed in R&D
102	4-Pyridineethanol	[5344-27-4]	2-Pyridin-4-yl-ethanol	C ₇ H ₉ NO	Cefpimizole				Developed in R&D
103	5,6-Dichloronicotinic acid	[41667-95-2]	5,6-Dichloronicotinic acid	C ₆ H ₃ Cl ₂ NO ₂	New Drug				Developed in R&D
104	5-Bromo nicotinic acid	[20826-04-4]	5-Bromo nicotinic acid	C ₆ H ₄ BrNO ₂	Nicergoline, Timepidium bromide				Commercial - Campaign based
105	5-Bromo-2,3-dichloropyridine	[97966-00-2]	5-Bromo-2,3-dichloro-pyridine	C ₅ H ₂ BrCl ₂ N	New Drug				Developed in R&D
106	5-Hydroxy nicotinic acid	[5006-66-6]	5-Hydroxynicotinic acid	C ₆ H ₅ NO ₃	Timepidium bromide				Developed in R&D
107	5-Methyl nicotinic acid	[3222-49-9]	5-Methyl nicotinic acid	C ₇ H ₇ NO ₂	Rupatadine				Commercial - Campaign based
108	5-Methyl Nicotinic Acid HCl	[40473-04-9]	5-Methylpyridine-3-carboxylic acid HCL	C ₇ H ₇ NO ₂ .HCl	Rupatadine				Commercial - Campaign based
109	6-(N,N-dimethylamino)-4-methyl-3-pyridineacetonitrile	[764651-70-9]	(6-Dimethylamino-4-methyl-pyridin-3-yl)-acetonitrile	C ₁₀ H ₁₃ N ₃	New Drug				Developed in R&D

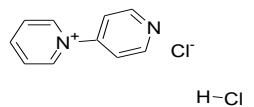
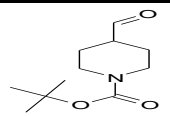
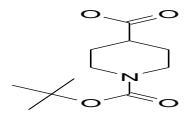
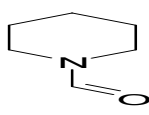
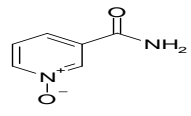
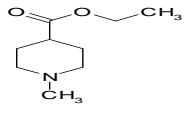
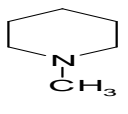
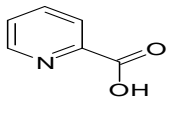
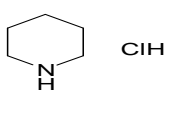
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
110	6-Chloronicotinic acid	[5326-23-8]	6-Chloro-pyridin-3-carboxylic acid	C6H4ClNO2	Tazarotene	Imidacloprid			Developed in R&D
111	6-Hydroxy nicotinic acid	[5006-66-6]	6-Hydroxy-pyridine-3-carboxylic acid	C6H5NO3	Tazarotene				Scaled up in Kilograms Quantities
112	6-Methoxy nicotinic acid	[66572-55-2]	6-Methoxy-pyridine-3-carboxylic acid	C7H7NO3	New Drug				Scaled up in Kilograms Quantities
113	6-Methyl picolinic acid	[934-60-1]	6-Methyl-pyridine-2-carboxylic acid	C7H7NO2	New Drug				Scaled up in Kilograms Quantities
114	6-chloro-2-Pyridinol	[73018-09-4]	6-chloro-2-Hydroxypyridine	C5H4ClNO	New Drug				Developed in R&D
115	Alpha Picoline- N-oxide	[931-19-1]	2-Methyl Pyridine-N-Oxide	C6H7NO			Textiles, Tyre cord		Developed in R&D
116	Azacyclonol	[115-46-8]	alpha,alpha-Diphenyl-4-piperidinomethanol	C18H21NO	Fexofenadine; Diphemanil methylsulfate, Terfenadine				Commercial - Regular Production
117	Beta picoline-N-oxide	[1003-73-2]	3-Methyl-pyridine-1-oxide	C6H6NO	Vitamin B3		Textiles, Tyre cord		Scaled up in Kilograms Quantities
118	Cetyl Pyridinium Chloride	[123-03-5]	1-Hexadecylpyridinium chloride	C21H38N.Cl			Mouthwases, Preservative		Commercial - Regular Production



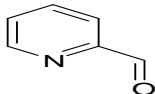
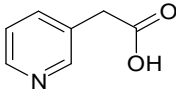
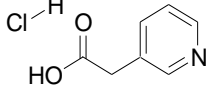
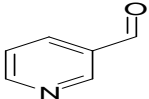
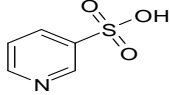
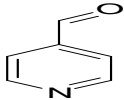
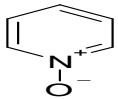
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
119	Chromium picolinate	[14639-25-9]	Chromium picolinate	3(C ₆ H ₄ NO ₂).Cr			Chromium picolinate		Commercial - Campaign based
120	Dipicolinic acid	[499-83-2]	Pyridine-2,6-dicarboxylic acid	C ₇ H ₅ NO ₄	Pirozadil, Pyricarbate				Commercial - Campaign based
121	Ethyl isonipecotate	[1126-09-6]	Ethyl Piperidine-4-carboxylate	C ₈ H ₁₅ NO ₂	Fexofenadine; Maropitant				Commercial - Campaign based
122	Ethyl Nipecotate	[5006-62-2]	Ethyl Piperidine-3-carboxylate	C ₈ H ₁₅ NO ₂	Azatadine; Tipepidine; Tiagabine				Commercial - Campaign based
123	Gama picoline sulfate	[108-89-4]	4-Methyl-pyridine-1-oxide	C ₆ H ₈ N.HO ₄ S			Polymers, Catalysts		Scaled up in Kilograms Quantities
124	Isonicotinic Acid	[55-22-1]	4-Pyridinecarboxylic acid	C ₆ H ₅ NO ₂	Aconiazide; Cefsulodin; Iproniazid; Metrenperone; Nialamide; Pasiniazid; Terfenadine; Trimedoxime;	Forchlorfenuron, Inabenfide			Commercial - Regular Production
125	Isonicotinic acid-N-oxide	[13602-12-5]	1-Oxy-isonicotinic acid	C ₆ H ₅ NO ₃		Forchlorfenuron			Scaled up in Kilograms Quantities
126	Isonipecotic acid	[498-94-2]	Piperidine-4-carboxylic acid	C ₆ H ₁₁ NO ₂	Declenperone; Metrenperone; Risperidone; Ocaperidone; Iloperidone; Palineridone				Commercial - Regular Production
127	N-(2-Chloroethyl) piperidine hydrochloride	[2008-75-5]	N-(2-Chloroethyl) piperidine hydrochloride	C ₇ H ₁₅ Cl ₂ N	Cloperastine, Fempiverinium bromide, Picoperine, Pipethanate, Pitofenone, Raloxifene				Developed in R&D

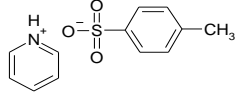
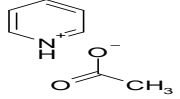
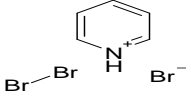
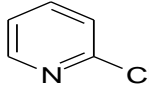
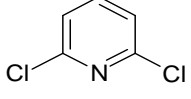
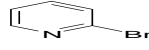
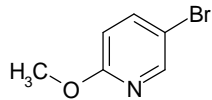
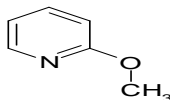
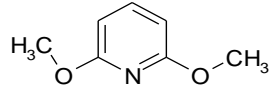
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
128	N-(4-pyridyl)pyridinium chloride. HCl	[5421-92-1]	N-(4-pyridyl)pyridinium chloride. HCl	C ₁₀ H ₁₀ Cl ₂ N ₂	Pinacidil, Timiperone				Commercial - Campaign based
129	N-Boc-piperidine-4-carboxyldehyde	[137076-22-3]	N-Boc-Piperidine -4-Aldehyde	C ₁₁ H ₁₉ NO ₄	Vandetanib				Scaled up in Kilograms Quantity
130	N-Boc-piperidine-4-carboxylic Acid	[84358-13-4]	1-(tert-Butoxycarbonyl)piperidine-4-carboxylic acid;	C ₁₁ H ₁₉ NO ₃	New Drug				Scaled up in Kilograms Quantity
131	N-Formyl piperidine	[2591-86-8]	Piperidine-1-carbaldehyde	C ₆ H ₁₁ NO	Irinotecan, Maropitant				Commercial - Campaign based
132	Niacinamide-N-oxide	[1986-81-8]	1-Oxy-nicotinamide	C ₆ H ₆ N ₂ O ₂	New Drug				Developed in R&D
133	N-Methyl ethyl isonipecotate	[24252-37-7]	1-Methyl-piperidine-4-carboxylic acid ethyl ester	C ₉ H ₁₇ NO ₂	New Drug				Developed in R&D
134	N-Methylpiperidine	[626-67-5]	1-Methyl-piperidine	C ₆ H ₁₃ N		Mepiquat chloride			Commercial - Campaign based
135	Picolinic acid	[98-98-6]	Pyridine-2-carboxylic acid	C ₆ H ₄ NO ₂	Bepotastine; Bromazepam; Pirmenol; Pyrithione; Rimiterol; Sorafenib; Piberaline fumarate				Commercial - Campaign based
136	Piperidine HCl	[6091-44-7]	Piperidine HCl	C ₅ H ₁₂ ClN	Benproperine; Bietamiverine; Bimoclolmol; Biperiden; Butopiprine; Carnipramine;				Commercial - Campaign based

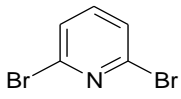
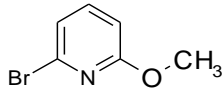
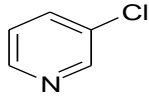
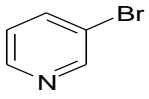
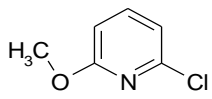
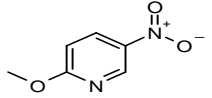
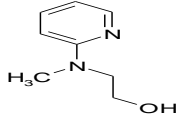
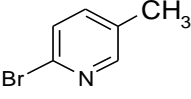
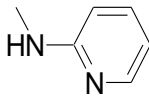
Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
137	Pyridine Hydrobromide	[18820-82-1]	Pyridine hydrobromide	C ₅ H ₆ BrN	Cephalosporins; Cephalaxin			 BrH	Commercial - Regular Production
138	Pyridine Hydrochloride	[628-13-7]	Pyridine Hydrochloride	C ₅ H ₆ ClN	Cephalosporins; Cephalaxin			 ClH	Commercial - Campaign based
139	Pyridine-2-aldehyde	[1121-60-4]	Pyridine-2-carbaldehyde	C ₆ H ₅ NO	Bisacodyl; Sodium picosulfate; Pralidoxime iodide, Carbinoxamine				Commercial - Regular Production
140	Pyridine-3-Acetic Acid	[501-81-5]	3-Pyridylacetic acid	C ₇ H ₇ NO ₂	Risedronic acid	Pyrifenox			Commercial - Campaign based
141	Pyridine-3-Acetic Acid HCl	[6419-36-9]	Pyridine-3-Acetic Acid HCl	C ₇ H ₇ NO ₂ .HCl	Risedronic acid	Pyrifenox			Commercial - Campaign based
142	Pyridine-3-aldehyde	[500-22-1]	Pyridine-3-carbaldehyde	C ₆ H ₅ NO	Abarelix; Cetrorelix; Ganirelix; Indinavir; Elarofiban	Pymetrozine			Scaled up in Kilograms Quantities
143	Pyridine-3-sulfonic acid	[636-73-7]	Pyridine-3-sulfonic acid	C ₅ H ₅ NO ₃ S	New Drug				Scaled up in Kilograms Quantities
144	Pyridine-4-aldehyde	[872-85-5]	Pyridine-4-carbaldehyde	C ₆ H ₅ NO	Obidoxime; Trimedoxime; Donepezil; Elarofiban; Timcodar				Commercial - Campaign based
145	Pyridine-N-oxide	[694-59-7]	Pyridine-1-oxide	C ₅ H ₅ NO	Fampridine, Pinacidil, Pipradrol				Commercial - Campaign based

Jubilant's List of Fine Chemicals

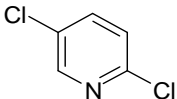
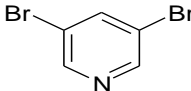
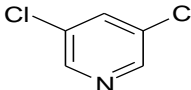
S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
146	Pyridinium Para Toluene Sulfonate	[24057-28-1]	Pyridinium Para Toluene Sulfonate	C ₁₂ H ₁₃ NO ₃ S	Montelukast; Tacrolimus; Clinprost; Lafutidine; Orlistat				Commercial - Campaign based
147	Pyridinium acetate	[5153-63-9]	Acetate pyridinium	C ₅ H ₆ N.C ₂ H ₃ O ₂	Rosiglitazone				Developed in R&D
148	Pyridiniumbromide perbromide	[39416-48-3]	Pyridiniumbromide perbromide	C ₅ H ₆ N.Br.Br ₂	Dienogest, Cefteram				Scaled up in Kilograms Quantities
149	2-Chloropyridine	[109-09-1]	alpha-Chloropyridine	C ₅ H ₄ ClN	Chlorpheniramine, Methylphenidate, Chlorpyrilene	Pyriproxyfen			Commercial - Regular Production
150	2,6-Dichloropyridine	[2402-78-0]	2,6-Dichloropyridine	C ₅ H ₃ Cl ₂ N	Enoxacin, Flupirtine, Liranaftate	Pyributicarb			Commercial - Regular Production
151	2-Bromopyridine	[109-04-6]	2-Bromopyridine	C ₅ H ₄ BrN	Carbinoxamine; Chlorpyramine; Disopyramide; Pipradrol; Rimiterol; Triprolidine; Pirmenol hydrochloride; Lafutidine; Piclozotan;				Commercial - Regular Production
152	5-Bromo-2-Methoxypyridine	[13472-85-0]	5-Bromo-2-methoxy-pyridine	C ₆ H ₆ BrNO	Epibatidine				Commercial - Campaign based
153	2-Methoxy pyridine	[1628-89-3]	2-Methoxy pyridine	C ₆ H ₇ NO	Pyramax				Commercial - Campaign based
154	2,6-Dimethoxypyridine	[6231-18-1]	2,6-Dimethoxypyridine	C ₇ H ₉ NO ₂					Commercial - Campaign based

Jubilant's List of Fine Chemicals

S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
155	2,6-Dibromopyridine	[626-05-1]	2,5-Dibromopyridine	C ₅ H ₃ Br ₂ N	Acrivastine				Commercial - Campaign based
156	2-Bromo-6-Methoxypyridine	[40473-07-2]	2-Bromo-6-Methoxypyridine	C ₆ H ₆ BrNO					Commercial - Campaign based
157	3-Chloropyridine	[626-60-8]	Beta-Chloropyridine	C ₅ H ₄ ClN					Commercial - Campaign based
158	3-Bromopyridine	[626-55-1]	Beta-Bromopyridine	C ₅ H ₄ BrN	Abiraterone				Commercial - Campaign based
159	2-Chloro-6-methoxypyridine	[17228-64-7]	2-Chloro-6-methoxypyridine	C ₆ H ₆ ClNO		Pyributicarb			Commercial - Campaign based
160	2-Methoxy-5-nitropyridine	[5446-92-4]	2-Methoxy-5-nitropyridine	C ₆ H ₆ N ₂ O ₃	Pyramax				Commercial - Campaign based
161	2-(N-(2-Hydroxyethyl)-N-Methyl)aminopyridine	[122321-04-4]	2-[N-Methyl-N-(2-pyridyl)amino]ethanol	C ₈ H ₁₂ N ₂ O	Rosiglitazone				Commercial - Campaign based
162	2-Bromo-5-Methylpyridine	[3510-66-5]	2-Bromo-5-Picoline	C ₆ H ₆ BrN	New Drug				Commercial - Campaign based
163	2-Methylaminopyridine	[4597-87-9]	N-methylpyridin-2-amine	C ₆ H ₈ N ₂	New Drug				Commercial - Campaign based

Jubilant's List of Fine Chemicals



S.no	Product Description	Cas No	Chemical Name	Molecular Formula	Pharma Applications	Agro Applications	Other Applications	Structure	Our Status
164	2,5-Dichloropyridine	[16110-09-1]	2,5-Dichloropyridine	C ₅ H ₃ Cl ₂ N		Clodinafop			Developed in R&D
165	3,5-Dibromopyridine	[625-92-3]	3,5-Dibromopyridine	C ₅ H ₃ Br ₂ N	New Drug				Commercial - Campaign based
166	3,5-Dichloropyridine	[2457-47-8]	3,5-Dichloropyridine	C ₅ H ₃ Cl ₂ N	Z15370A				Developed in R&D