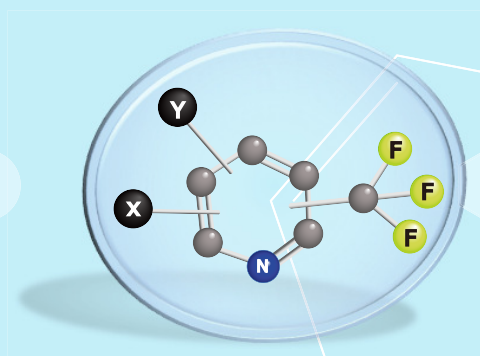


CF₃-Pyridine Compounds PRODUCTS LIST



CF₃-Pyridine compounds are expected to enhance the activities and/or functions of medicines.

We would like to assist your drug discovery.



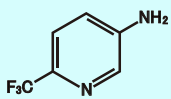
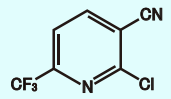
ISK ISHIHARA SANGYO KAISHA, LTD.

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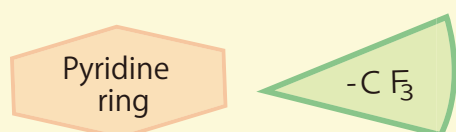
α -CF₃-Pyridine

“ α -CF₃-Pyridine” means the pyridine compound substituted with a trifluoromethyl(CF₃) group on its second (α -) position.

Abbreviated Name 【Product No.】	Chemical structure	Chemical Name	Quantity
		Physical property	
3,2,6-ACTF 【ISK-a-1】		3-Amino-2-chloro-6-(trifluoromethyl)pyridine	▶ 5g ▶ 25g ▶ kg~
		mp 96-97°C	
2,3,6-DCTF 【ISK-a-2】		2,3-Dichloro-6-(trifluoromethyl)pyridine	▶ 1g ▶ 5g ▶ 25g
		mp 40°C	
2,6-ATF 【ISK-a-3】		2-Amino-6-(trifluoromethyl)pyridine	▶ 1g
		mp 79-81°C	
3,6-HmTF 【ISK-a-4】		6-(Trifluoromethyl)pyridine-3-methanol	▶ 1g ▶ 5g ▶ kg~
		Liquid	
6-TF-3-CHO 【ISK-a-5】		6-(Trifluoromethyl)pyridine-3-carboxaldehyde	▶ 5g ▶ 25g ▶ kg~
		mp 52-56°C	
6-TFNA 【ISK-a-6】		6-(Trifluoromethyl)nicotinic acid	▶ 5g ▶ 25g ▶ kg~
		mp 195°C	
2,6-HTF-3-CAM 【ISK-a-7】		2-Hydroxy-6-(trifluoromethyl)pyridine-3-carboxamide	▶ 5g ▶ 25g ▶ kg~
		mp 230-231°C	
2,6-CTF-3-CAM 【ISK-a-8】		2-Chloro-6-(trifluoromethyl)pyridine-3-carboxamide	▶ 5g ▶ 25g
		mp 215-217°C	
2,6-CTF 【ISK-a-9】		2-Chloro-6-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 33°C	
2,3,4,5,6-TCTF 【ISK-a-10】		2,3,4,5-Tetrachloro-6-(trifluoromethyl)pyridine	▶ 5g
		mp 27-28°C	
6-TF-2-CO2Et 【ISK-a-11】		Ethyl 6-(trifluoromethyl)picolinate	▶ 5g ▶ 25g
		mp 54-56°C	
2,6-CTFNA 【ISK-a-12】		2-Chloro-6-(trifluoromethyl)nicotinic acid	▶ 1g ▶ 5g ▶ 25g
		mp 110-117°C	
2,6-HmTF 【ISK-a-13】		6-(Trifluoromethyl)pyridine-2-methanol	▶ 1g ▶ 5g
		mp 30-32°C	
2,3,6-CHmTF 【ISK-a-14】		2-Chloro-6-(trifluoromethyl)pyridine-3-methanol	▶ 250mg ▶ 1g ▶ 5g
		Liquid	

5,2,-ATF 【ISK-a-15】		5-Amino-2-(trifluoromethyl)pyridine	▶ 1g
		mp 39-40°C	▶ 5g
2,6-CTF-3-CN 【ISK-a-16】		2-Chloro-6-(trifluoromethyl)nicotinonitrile	▶ 5g
		mp 35-36°C	▶ 25g

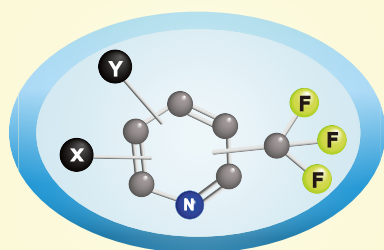
Both properties of **CF₃ group** and **Pyridine ring** are combined to generate a variety of unique properties and activities on **CF₃-Pyridine compounds**.



• CH₃ mimic • Polarity •
Blocking • Hydrophobicity

• N-unshared electron pair
• Hydrophilicity • Basicity

* Confidence and Technique with Customer *



- Biochemical stability to oxidative metabolism
- Interaction with intracellular protein and/or nucleic acid
- Enhancement of bioabsorbability and/or pharmaceutical action
- Reduction of toxicity and/or side effect

,etc

Since the early 1980's, we have been carrying out research and development on new pharmaceutical compounds and agrochemicals based on CF₃-Pyridine chemical. Therefore, we can accommodate to customer's need in this field with confidence.

We can not only provide the cataloged compounds, but also provide consultation for the compounds you propose.



β -CF₃-Pyridine

“ β -CF₃-Pyridine” means the pyridine compound substituted with a trifluoromethyl(CF₃) group on its third (β -)position.

Abbreviated Name [Product No.]	Chemical structure	Chemical Name	Quantity
		Physical property	
2,6,3-DCTF [ISK-b-1]		2,6-Dichloro-3-(trifluoromethyl)pyridine	▶ 5g ▶ 25g ▶ Kg~
		Liquid (mp 6°C)	
3-TFPA [ISK-b-2]		3-(Trifluoromethyl)picolinic acid	▶ 1g
		mp 116-117°C	
2,5-ATF [ISK-b-3]		2-Amino-5-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 42°C	
2,3-ATF [ISK-b-4]		2-Amino-3-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 67-69°C	
2,5-CmTF [ISK-b-5]		2-Chloromethyl-5-(trifluoromethyl)pyridine	▶ 1g ▶ 5g ▶ 25g ▶ Kg~
		Liquid	
2,3-MTF [ISK-b-6]		2-Mercapto-3-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 170-176°C	
3,5-CTF [ISK-b-7]		3-Chloro-5-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 23-24°C	
2,5,6,3-TCTF [ISK-b-8]		2,5,6-Trichloro-3-(trifluoromethyl)pyridine	▶ 1g ▶ 5g ▶ 25g
		mp 48-55°C	
2,3-CTF [ISK-b-9]		2-Chloro-3-(trifluoromethyl)pyridine	▶ 5g ▶ 25g ▶ Kg~
		mp 38°C	
2,3-HTF [ISK-b-10]		2-Hydroxy-3-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 152°C	
3-TF-2-CO ₂ Et [ISK-b-11]		Ethyl 3-(trifluoromethyl)picolinate	▶ 5g ▶ 25g
		Liquid	
2,5-HmTF [ISK-b-12]		5-(Trifluoromethyl)pyridine-2-methanol	▶ 1g ▶ 5g ▶ 25g
		Liquid	
5-TF-2-CO ₂ Et [ISK-b-13]		Ethyl 5-(trifluoromethyl)picolinate	▶ 5g ▶ 25g
		mp 47-48°C	
3,5-CTF-2-CO ₂ Et [ISK-b-14]		Ethyl 3-chloro-5-(trifluoromethyl)picolinate	▶ 5g ▶ 25g
		Liquid	

2,5-MTF 【ISK-b-15】		2-Mercapto-5-(trifluoromethyl)pyridine mp 178-180.5°C	▶ 5g ▶ 25g
2,5-HTF 【ISK-b-16】		2-Hydroxy-5-(trifluoromethyl)pyridine mp 154-156°C	▶ 5g ▶ 25g
2,3,5-ACTF 【ISK-b-17】		2-Amino-3-chloro-5-(trifluoromethyl)pyridine mp 93-94°C	▶ 5g ▶ 25g
2,3,5-DCTF 【ISK-b-18】		2,3-Dichloro-5-(trifluoromethyl)pyridine mp 9°C	▶ 5g ▶ 25g
2,5-CTF 【ISK-b-19】		2-Chloro-5-(trifluoromethyl)pyridine mp 27-29°C	▶ 5g ▶ 25g
3-TF 【ISK-b-20】		3-(Trifluoromethyl)pyridine bp 104°C	▶ 5g ▶ 25g
2,3-HmTF 【ISK-b-21】		3-(Trifluoromethyl)pyridine-2-methanol mp 18-19.3°C	▶ 250mg ▶ 1g ▶ 5g
5-TF-2-CN 【ISK-b-22】		2-Cyano-5-(trifluoromethyl)pyridine mp 37-38°C	▶ 5g ▶ 25g
5-TF-2,3-Bis-CO2Et 【ISK-b-23】		Diethyl 5-(trifluoromethyl)pyridine-2,3-dicarboxylate Liquid	▶ 1g ▶ 5g
2,5,3-HNTF 【ISK-b-24】		2-Hydroxy-5-nitro-3-(trifluoromethyl)pyridine mp 154-156°C	▶ 250mg ▶ 1g ▶ 5g
2,5,3-MNTF 【ISK-b-25】		2-Mercapto-5-nitro-3-(trifluoromethyl)pyridine mp 112-114°C	▶ 250mg ▶ 1g ▶ 5g
2,5,3-ANTF 【ISK-b-26】		2-Amino-5-nitro-3-(trifluoromethyl)pyridine 137°C(decomposition)	▶ 250mg ▶ 1g ▶ 5g
5-TFPA 【ISK-b-27】		5-(Trifluoromethyl)pyridine picolinic acid mp 135°C	▶ 1g
2,5-MeTF 【ISK-b-28】		2-Methyl-5-(trifluoromethyl)pyridine Liquid	▶ 1g ▶ 5g
3,5-ATF 【ISK-b-29】		3-Amino-5-(trifluoromethyl)pyridine Liquid	▶ 1g ▶ 5g
5-TF-2-CO2Me 【ISK-b-30】		Methyl 5-(trifluoromethyl)picolinate mp 85-85.5°C	▶ 1g ▶ 5g

γ -CF₃ Pyridine

“ γ -CF₃-Pyridine” means the pyridine compound substituted with a trifluoromethyl(CF₃) group on its fourth (γ -)position.

Abbreviated Name [Product No.]	Chemical structure	Chemical Name	Quantity
		Physical property	
2,6,4-DCTF 【ISK-c-1】		2,6-Dichloro-4-(trifluoromethyl)pyridine	▶ 5g ▶ 25g ▶ Kg~
		Liquid	
2,4-CTF 【ISK-c-2】		2-Chloro-4-(trifluoromethyl)pyridine	▶ 5g ▶ 25g ▶ Kg~
		Liquid	
2,4-ATF 【ISK-c-3】		2-Amino-4-(trifluoromethyl)pyridine	▶ 5g
		mp 67-70°C	
4-TF 【ISK-c-4】		4-(Trifluoromethyl)pyridine	▶ 5g ▶ 25g
		Liquid	
4-TFNA 【ISK-c-5】		4-(Trifluoromethyl)nicotinic acid	▶ 5g ▶ 25g ▶ Kg~
		mp 147-149°C	
2,3,5,6,4-TCTF 【ISK-c-6】		2,3,5,6-Tetrachloro-4-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		Liquid	
4-TF-2-CO ₂ Et 【ISK-c-7】		Ethyl 4-(trifluoromethyl)picolinate	▶ 1g ▶ 5g ▶ 25g
		Liquid	
2,6,4-ACTF 【ISK-c-8】		2-Amino-6-chloro-4-(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		mp 40-43°C	
2,5,4-DCTF 【ISK-c-9】		2,5-Dichloro-4-(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		Liquid	
2,6,4-DATF 【ISK-c-10】		2,6-Diamino-4-(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		mp 110-112°C	
2,6,4-CHrTF 【ISK-c-11】		2-Chloro-6-hydrazino-4-(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		mp 113-114°C	
2,6,4-DCTF-3-CN 【ISK-c-12】		2,6-Dichloro-3-cyano-4-(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 36-37°C	
2,6,4-DCTFNA 【ISK-c-13】		2,6-Dichloro-4-(trifluoromethyl)nicotinic acid	▶ 250mg ▶ 1g
		mp 121-124°C	

Bis -CF₃ -Pyridine

“Bis-CF₃-Pyridine” means the pyridine compound substituted with two trifluoromethyl(CF₃) groups.

Abbreviated Name 【Product No.】	Chemical structure	Chemical Name	Quantity
		Physical property	
2,4,5-CBiTF 【ISK-d-2】		2-Chloro-4,5-bis(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		Liquid	
2,3,6-CBiTF 【ISK-d-3】		2-Chloro-3,6-bis(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		Liquid	
2,6,3,5-DCBiTF 【ISK-d-4】		2,6-Dichloro-3,5-bis(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		mp 75-76°C	
3,5-BiTF 【ISK-d-5】		3,5-Bis(trifluoromethyl)pyridine	▶ 5g ▶ 25g
		mp 30°C	
2,4,6-CBiTF 【ISK-d-6】		2-Chloro-4,6-bis(trifluoromethyl)pyridine	▶ 1g ▶ 5g
		Liquid	
3,5,2,6-DCBiTF 【ISK-d-7】		3,5-Dichloro-2,6-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g
		mp 60-61°C	
2,6-BiTF 【ISK-d-8】		2,6-Bis(trifluoromethyl)pyridine	▶ 1g ▶ 5g ▶ 25g
		mp 57-58°C	
2,4,6-ABiTF 【ISK-d-9】		2-Amino-4,6-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g ▶ 5g
		mp 70-71°C	
2,3,5-ABiTF 【ISK-d-10】		2-Amino-3,5-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g
		mp 80-82°C	
2,4,5-HBiTF 【ISK-d-11】		2-Hydroxy-4,5-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g ▶ 5g
		178°C (sublimation)	
2,5-BiTF 【ISK-d-12】		2,5-Bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g
		Liquid	
2,4,6-HBiTF 【ISK-d-13】		2-Hydroxy-4,6-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g
		mp 78°C	
4,2,6-HBiTF 【ISK-d-14】		4-Hydroxy-2,6-bis(trifluoromethyl)pyridine	▶ 250mg ▶ 1g
		178°C (sublimation)	



[Contact]

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(ver.22_04)