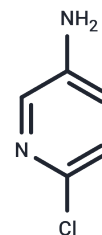


5-Amino-2-chloropyridine

Chemical Properties

CAS No. :	5350-93-6
Formula:	C ₅ H ₅ ClN ₂
Molecular Weight:	128.5600
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	5-Amino-2-chloropyridine is Pyridine intermediates
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (466.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.7785 mL	38.8923 mL	77.7847 mL
5 mM	1.5557 mL	7.7785 mL	15.5569 mL
10 mM	0.7778 mL	3.8892 mL	7.7785 mL
50 mM	0.1556 mL	0.7778 mL	1.5557 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Shim W B , Yakovleva M E , Kim K Y , et al. Development of Fluorescence Polarization Immunoassay for the Rapid Detection of 6-Chloronicotinic Acid: Main Metabolite of Neonicotinoid Insecticides[J]. Journal of Agricultural and Food Chemistry, 2009, 57(3):791-796.

Ji J , Li T , Bunnelle W H . Selective Amination of Polyhalopyridines Catalyzed by a Palladium-Xantphos Complex[J]. Organic Letters, 2003, 5(24):4611-4614.

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