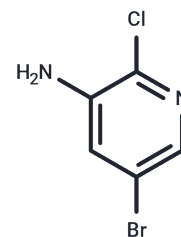


3-Amino-5-bromo-2-chloropyridine

Chemical Properties

CAS No. :	588729-99-1
Formula:	C ₅ H ₄ BrClN ₂
Molecular Weight:	207.46
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Amino-5-bromo-2-chloropyridine is a nitrogen-containing heterocyclic organic compound. 3-Amino-5-bromo-2-chloropyridine serves as an important intermediate used for synthesizing other active molecular compounds. 3-Amino-5-bromo-2-chloropyridine is commonly incorporated into multistep synthetic routes to generate functionalized pyridine derivatives and pharmacologically relevant scaffolds, contributing to medicinal chemistry workflows and heterocycle-based compound development.
Targets(IC50)	Others
In vitro	3-Amino-5-bromo-2-chloropyridine, which can be used to synthesize N-benzoylpyridylthiourea intermediates, ultimately for the preparation of thiazolopyridine derivatives [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8202 mL	24.101 mL	48.2021 mL
5 mM	0.964 mL	4.8202 mL	9.6404 mL
10 mM	0.482 mL	2.4101 mL	4.8202 mL
50 mM	0.0964 mL	0.482 mL	0.964 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

Jouve K, et al. Oxidative cyclization of n-methyl- and n-benzoylpyridylthioureas. Preparation of new thiazolo [4, 5-b] and [5, 4-b] pyridine derivatives. Journal of heterocyclic chemistry, 2003, 40(2): 261-268.

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