Data Sheet (Cat.No.TPL0167)

TargetMol

3H-imidazo[4,5-b]pyridine-5-carboxylic acid

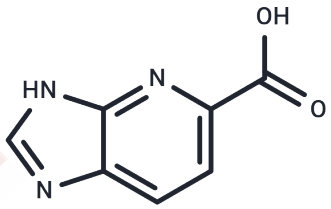
Chemical Properties

CAS No. : 1019108-05-4

Formula: C7H5N3O2

Molecular Weight: 163.136

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	3H-imidazo[4,5-b]pyridine-5-carboxylic acid ,with CAS No. 1019108-05-4, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 3H-imidazo[4,5-b]pyridine-5-carboxylic acid provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1297 mL	30.6485 mL	61.297 mL
5 mM	1.2259 mL	6.1297 mL	12.2594 mL
10 mM	0.613 mL	3.0649 mL	6.1297 mL
50 mM	0.1226 mL	0.613 mL	1.2259 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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