

1H-Benzimidazole-2-methanamine, 6-chloro-, dihydrochloride

Chemical Properties

CAS No. : 1185297-00-0

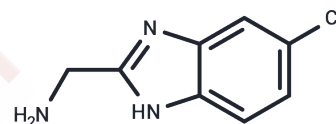
HCl HCl

Formula: C₈H₁₀Cl₃N₃

Molecular Weight: 254.544

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

1H-Benzimidazole-2-methanamine, 6-chloro-, dihydrochloride, with CAS No. 1185297-00-0, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 1H-Benzimidazole-2-methanamine, 6-chloro-, dihydrochloride 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.

Solubility Information

Solubility

DMSO: 50.91 mg/mL (200 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9287 mL	19.6433 mL	39.2866 mL
5 mM	0.7857 mL	3.9287 mL	7.8573 mL
10 mM	0.3929 mL	1.9643 mL	3.9287 mL
50 mM	0.0786 mL	0.3929 mL	0.7857 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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