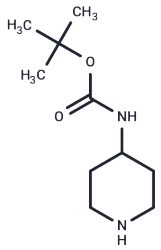
Data Sheet (Cat.No.T38292)

TargetMol

4-(N-Boc-amino)piperidine

Chemical Properties



CAS No. : 73874-95-0

Formula: C10H20N2O2

Molecular Weight: 200.282

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	4-(N-Boc-amino)piperidine is an organic building block.1,2It has been used in the synthesis of aminopiperidine antiviral chemokine (C-C motif) receptor 5 (CCR5) antagonists and antibacterial agents.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: 30 mg/mL (149.79 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.993 mL	24.965 mL	49.9301 mL
5 mM	0.9986 mL	4.993 mL	9.986 mL
10 mM	0.4993 mL	2.4965 mL	4.993 mL
50 mM	0.0999 mL	0.4993 mL	0.9986 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

Burrows, J.N., Cumming, J.G., Fillery, S.M., et al.Modulators of the human CCR5 receptor. Part 1: Discovery and initial SAR of 1-(3,3-diphenylpropyl)-piperidinyl amides and ureasBioorg. Med. Chem. Lett.15(1)25-28(2005)
Reck, F., Alm, R., Brassil, P., et al.Novel N-linked aminopiperidine inhibitors of bacterial topoisomerase type II: Broad-spectrum antibacterial agents with reduced hERG activityJ. Med. Chem.54(22)7834-7847(2011)

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