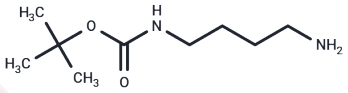
Data Sheet (Cat.No.T18485)

TargetMol

NH2-C4-NH-Boc

Chemical Properties



CAS No. : 68076-36-8

Formula: C9H20N2O2

Molecular Weight: 188.27

Storage: Keep away from direct sunlight
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	NH2-C4-NH-Boc (compound 15) is a PROTAC linker of the Alkyl/ether class, suitable for synthesizing various PROTAC molecules.
Targets(IC50)	PROTAC Linker

Solubility Information

Solubility	DMSO: 100 mg/mL (531.15 mM),Sonication is recommended. H2O: 100 mg/mL (531.15 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3115 mL	26.5576 mL	53.1152 mL
5 mM	1.0623 mL	5.3115 mL	10.623 mL
10 mM	0.5312 mL	2.6558 mL	5.3115 mL
50 mM	0.1062 mL	0.5312 mL	1.0623 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

Jiang F, et al. Discovery of novel small molecule induced selective degradation of the bromodomain and extra-terminal (BET) bromodomain protein BRD4 and BRD2 with cellular potencies.Bioorg Med Chem. 2020 Jan 1;28(1): 115181.

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