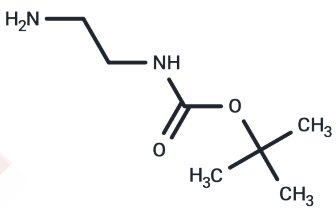
Data Sheet (Cat.No.T18616)

TargetMol

NH2-C2-NH-Boc

Chemical Properties



CAS No. : 57260-73-8

Formula: C7H16N2O2

Molecular Weight: 160.21

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-C2-NH-Boc (PROTAC Linker 22), an alkyl chain-based PROTAC linker, can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2418 mL	31.209 mL	62.4181 mL
5 mM	1.2484 mL	6.2418 mL	12.4836 mL
10 mM	0.6242 mL	3.1209 mL	6.2418 mL
50 mM	0.1248 mL	0.6242 mL	1.2484 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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