

NH₂-C₅-NH-Boc

Chemical Properties

CAS No. : 51644-96-3

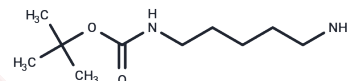
Formula: C₁₀H₂₂N₂O₂

Molecular Weight: 202.29

Keep away from direct sunlight

Storage: 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	NH ₂ -C ₅ -NH-Boc (PROTAC Linker 23) is an alkyl chain-based PROTAC linker used in the synthesis of PROTACs.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Solubility Information

Solubility	Ethanol: 100 mg/mL (494.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9434 mL	24.717 mL	49.434 mL
5 mM	0.9887 mL	4.9434 mL	9.8868 mL
10 mM	0.4943 mL	2.4717 mL	4.9434 mL
50 mM	0.0989 mL	0.4943 mL	0.9887 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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