Data Sheet (Cat.No.T207967L)

TargetMol

Amine-PEG6-thiol hydrochloride

Chemical Properties

CAS No. :

Formula: C14H32ClNO6S

Molecular Weight: 377.92

Storage: Keep away from direct sunlight
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	Amine-PEG6-thiol hydrochloride is a PEG-based PROTAC linker widely employed in PROTAC synthesis. Amine-PEG6-thiol hydrochloride provides a bifunctional molecular scaffold containing both amine and thiol groups that enable flexible conjugation strategies. Amine-PEG6-thiol hydrochloride facilitates modular PROTAC assembly, improves solubility, and enables controlled attachment to protein-binding ligands and E3 ligase recruiters, thus supporting targeted protein degradation research and next-generation therapeutic design.
Targets(IC50)	PROTAC Linker

Solubility Information

Solubility	DMSO: 300.00 mg/mL (793.82 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6461 mL	13.2303 mL	26.4606 mL
5 mM	0.5292 mL	2.6461 mL	5.2921 mL
10 mM	0.2646 mL	1.323 mL	2.6461 mL
50 mM	0.0529 mL	0.2646 mL	0.5292 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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