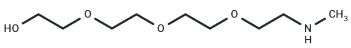
Data Sheet (Cat.No.T15532)

TargetMol

Hydroxy-PEG4-methylamine

Chemical Properties



CAS No. : 90430-59-4

Formula: C9H21NO4

Molecular Weight: 207.27

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	Hydroxy-PEG4-methylamine is a polyethylene glycol (PEG) derivative commonly employed as a linker in the synthesis of PROteolysis TArgeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8246 mL	24.1231 mL	48.2462 mL
5 mM	0.9649 mL	4.8246 mL	9.6492 mL
10 mM	0.4825 mL	2.4123 mL	4.8246 mL
50 mM	0.0965 mL	0.4825 mL	0.9649 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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