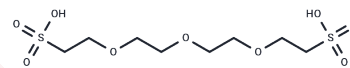


Bis-PEG3-sulfonic acid

Chemical Properties

CAS No. :	255831-16-4
Formula:	C ₈ H ₁₈ O ₉ S ₂
Molecular Weight:	322.35
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Bis-PEG3-sulfonic acid, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins, comprising two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1022 mL	15.5111 mL	31.0222 mL
5 mM	0.6204 mL	3.1022 mL	6.2044 mL
10 mM	0.3102 mL	1.5511 mL	3.1022 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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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