

Bis-Tos-PEG4

Chemical Properties

CAS No. :	37860-51-8
Formula:	C ₂₂ H ₃₀ O ₉ S ₂
Molecular Weight:	502.598
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Bis-Tos-PEG4 (PROTAC Linker 16) is a PEG-based linker utilized in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs utilize two distinct ligands connected by a linker: one ligand for an E3 ubiquitin ligase and the other for the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9897 mL	9.9483 mL	19.8965 mL
5 mM	0.3979 mL	1.9897 mL	3.9793 mL
10 mM	0.199 mL	0.9948 mL	1.9897 mL
50 mM	0.0398 mL	0.199 mL	0.3979 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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