

Bis-Tos-PEG6

Chemical Properties

CAS No. : 42749-27-9

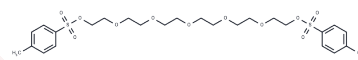
Formula: C₂₆H₃₈O₁₁S₂

Molecular Weight: 590.7

Keep away from direct sunlight

Storage: 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	Bis-Tos-PEG6 is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two different ligands linked together: one targets an E3 ubiquitin ligase and the other binds the target protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6929 mL	8.4645 mL	16.9291 mL
5 mM	0.3386 mL	1.6929 mL	3.3858 mL
10 mM	0.1693 mL	0.8465 mL	1.6929 mL
50 mM	0.0339 mL	0.1693 mL	0.3386 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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