

Bis-Tos-PEG7

Chemical Properties

CAS No. : 69502-27-8

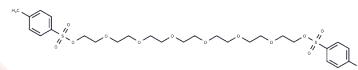
Formula: C₂₈H₄₂O₁₂S₂

Molecular Weight: 634.76

Keep away from direct sunlight

Storage: Pure form: -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-PEG7 is a PEG-based PROTAC linker used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other targets a specific protein, utilizing the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5754 mL	7.877 mL	15.754 mL
5 mM	0.3151 mL	1.5754 mL	3.1508 mL
10 mM	0.1575 mL	0.7877 mL	1.5754 mL
50 mM	0.0315 mL	0.1575 mL	0.3151 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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