

m-PEG4-Tos

Chemical Properties

CAS No. :	62921-76-0
Formula:	C16H26O7S
Molecular Weight:	362.438
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	m-PEG4-Tos, a PEG-based PROTAC linker derived from silybin ethers, finds application in the synthesis of Silymarin[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7591 mL	13.7954 mL	27.5908 mL
5 mM	0.5518 mL	2.7591 mL	5.5182 mL
10 mM	0.2759 mL	1.3795 mL	2.7591 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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

Yuxia Zhao, et al. Derivative of silybin ethers, and synthetic method and application thereof. Patent CN105037337A.

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