

m-PEG3-Tos

Chemical Properties

CAS No. : 62921-74-8

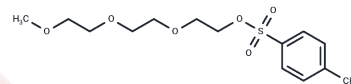
Formula: C₁₄H₂₂O₆S

Molecular Weight: 318.39

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	m-PEG3-Tos is a PEG-based PROTAC linker used in the synthesis of Silymarin [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker, with one ligand binding to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system to achieve selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1408 mL	15.704 mL	31.408 mL
5 mM	0.6282 mL	3.1408 mL	6.2816 mL
10 mM	0.3141 mL	1.5704 mL	3.1408 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481