

## m-PEG5-Tos

## Chemical Properties

CAS No. : 80755-67-5

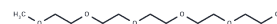
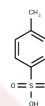
Formula: C<sub>18</sub>H<sub>30</sub>O<sub>8</sub>S

Molecular Weight: 406.49

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-PEG5-Tos is a PEG-based PROTAC linker derived from silybin ethers. This compound serves as an essential component in the synthesis of Silymarin[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one targets an E3 ubiquitin ligase and the other binds the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4601 mL	12.3004 mL	24.6009 mL
5 mM	0.492 mL	2.4601 mL	4.9202 mL
10 mM	0.246 mL	1.230 mL	2.4601 mL
50 mM	0.0492 mL	0.246 mL	0.492 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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