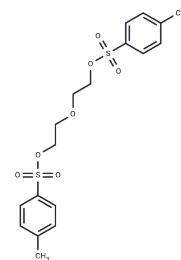


## Diethylene glycol bis(p-toluenesulfonate)

## Chemical Properties

CAS No. :	7460-82-4
Formula:	C18H22O7S2
Molecular Weight:	414.49
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	Diethylene glycol bis(p-toluenesulfonate) (Bis-Tos-PEG2) is a PEG-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4126 mL	12.063 mL	24.126 mL
5 mM	0.4825 mL	2.4126 mL	4.8252 mL
10 mM	0.2413 mL	1.2063 mL	2.4126 mL
50 mM	0.0483 mL	0.2413 mL	0.4825 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

Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. *Exp Mol Med.* 2018 Apr 16;50(4):34.

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