

Tos-PEG2-C2-Boc

Chemical Properties

CAS No. :	850090-13-0
Formula:	C18H28O7S
Molecular Weight:	388.476
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	Tos-PEG2-C2-Boc is a PEG-based linker for PROTACs, facilitating the selective degradation of proteins by connecting two essential ligands through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5741 mL	12.8707 mL	25.7414 mL
5 mM	0.5148 mL	2.5741 mL	5.1483 mL
10 mM	0.2574 mL	1.2871 mL	2.5741 mL
50 mM	0.0515 mL	0.2574 mL	0.5148 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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