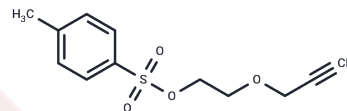


Propargyl-PEG2-Tos

Chemical Properties

CAS No. :	145916-41-2
Formula:	C ₁₂ H ₁₄ O ₄ S
Molecular Weight:	254.3
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	Propargyl-PEG2-Tos is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the selective degradation of proteins by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9324 mL	19.6618 mL	39.3236 mL
5 mM	0.7865 mL	3.9324 mL	7.8647 mL
10 mM	0.3932 mL	1.9662 mL	3.9324 mL
50 mM	0.0786 mL	0.3932 mL	0.7865 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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