

Tos-PEG2-NH2

Chemical Properties

CAS No. : 1246286-33-8

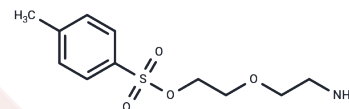
Formula: C11H17NO4S

Molecular Weight: 259.32

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	Tos-PEG2-NH2 (PROTAC Linker 27) is a Polyethylene Glycol (PEG)-based linker utilized in the synthesis of Proteolysis-Targeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8562 mL	19.2812 mL	38.5624 mL
5 mM	0.7712 mL	3.8562 mL	7.7125 mL
10 mM	0.3856 mL	1.9281 mL	3.8562 mL
50 mM	0.0771 mL	0.3856 mL	0.7712 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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