

Tos-PEG1-O-CH₂COOH

Chemical Properties

CAS No. :

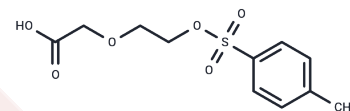
Formula: C₁₁H₁₄O₆S

Molecular Weight: 274.29

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-PEG1-O-CH ₂ COOH (PROTAC Linker 28) is a PEG-based linker used in the synthesis of PROTACs [1].
Targets(IC ₅₀)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked by a connector—one targeting an E3 ubiquitin ligase and the other the intended protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6458 mL	18.2289 mL	36.4578 mL
5 mM	0.7292 mL	3.6458 mL	7.2916 mL
10 mM	0.3646 mL	1.8229 mL	3.6458 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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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