

Carboxy-PEG2-sulfonic acid

Chemical Properties

CAS No. : 1817735-45-7

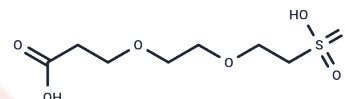
Formula: C7H14O7S

Molecular Weight: 242.25

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	Carboxy-PEG2-sulfonic acid, a polyethylene glycol (PEG)-derived linker, is specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
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	4.128 mL	20.6398 mL	41.2797 mL
5 mM	0.8256 mL	4.128 mL	8.2559 mL
10 mM	0.4128 mL	2.064 mL	4.128 mL
50 mM	0.0826 mL	0.4128 mL	0.8256 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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