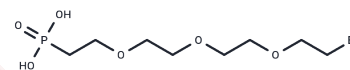


Bromo-PEG3-C2-phosphonic acid

Chemical Properties

CAS No. :	1148026-99-6
Formula:	C ₈ H ₁₈ BrO ₆ P
Molecular Weight:	321.1
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	Bromo-PEG3-C2-phosphonic acid, a polyethylene glycol (PEG) derivative, serves as a linker in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1143 mL	15.5715 mL	31.1429 mL
5 mM	0.6229 mL	3.1143 mL	6.2286 mL
10 mM	0.3114 mL	1.5571 mL	3.1143 mL
50 mM	0.0623 mL	0.3114 mL	0.6229 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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481