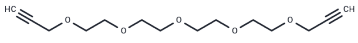
Data Sheet (Cat.No.T14657)

TargetMol

Bis-propargyl-PEG4

Chemical Properties



CAS No. : 159428-42-9

Formula: C14H22O5

Molecular Weight: 270.32

Storage: Keep away from direct sunlight
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	Bis-propargyl-PEG4 is a PEG-based PROTAC linker utilized in PROTAC synthesis and specifically employed in the synthesis of demethylvancomycin dimers[1][2].
Targets(IC50)	Others,PROTAC Linker
In vitro	Bis-propargyl-PEG4 is utilized in synthesizing demethylvancomycin dimers to combat vancomycin-resistant Enterococcus faecalis[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6993 mL	18.4966 mL	36.9932 mL
5 mM	0.7399 mL	3.6993 mL	7.3986 mL
10 mM	0.3699 mL	1.8497 mL	3.6993 mL
50 mM	0.074 mL	0.3699 mL	0.7399 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

Pearlie BURNETTE, et al. Dimeric immuno-modulatory compounds against cereblon-based mechanisms. WO2020014489A2.

Jiang, et al. Design, synthesis and biological activity of novel demethylvancomycin dimers against vancomycin-resistant enterococcus faecalis. Tetrahedron, 2018: 74(27), 3527-3533.

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