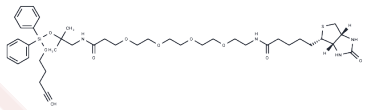
Data Sheet (Cat.No.T17581)

TargetMol

Biotin-PEG4-amino-t-Bu-DADPS-C3-alykne

Chemical Properties



CAS No. : 2241685-22-1

Formula: C42H62N4O9SSi

Molecular Weight: 827.11

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	Biotin-PEG4-amino-t-Bu-DADPS-C3-alkyne serves as a PEG-based linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked together—one targeting an E3 ubiquitin ligase and the other targeting the desired protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.209 mL	6.0451 mL	12.0903 mL
5 mM	0.2418 mL	1.209 mL	2.4181 mL
10 mM	0.1209 mL	0.6045 mL	1.209 mL
50 mM	0.0242 mL	0.1209 mL	0.2418 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

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