Data Sheet (Cat.No.T17969)

TargetMol

Fmoc-NH-PEG16-CH2CH2COOH

Chemical Properties

CAS No. :

Formula: C50H81NO20

Molecular Weight: 1016.17

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	Fmoc-NH-PEG16-CH2CH2COOH is a polyethylene glycol (PEG)-based linker, specifically designed for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker–one binding an E3 ubiquitin ligase and the other the target protein–utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9841 mL	4.9204 mL	9.8409 mL
5 mM	0.1968 mL	0.9841 mL	1.9682 mL
10 mM	0.0984 mL	0.492 mL	0.9841 mL
50 mM	0.0197 mL	0.0984 mL	0.1968 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