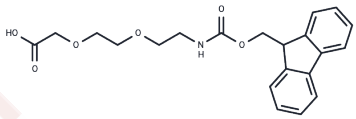
Data Sheet (Cat.No.T15304)

TargetMol

Fmoc-8-amino-3,6-dioxaoctanoic acid

Chemical Properties



CAS No. : 166108-71-0

Formula: C21H23NO6

Molecular Weight: 385.41

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-8-amino-3,6-dioxaoctanoic acid (Fmoc-NH-PEG2-CH2COOH) is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) and a PEG-based PROTAC linker for the synthesis of PROTACs.
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker.

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5946 mL	12.9732 mL	25.9464 mL
5 mM	0.5189 mL	2.5946 mL	5.1893 mL
10 mM	0.2595 mL	1.2973 mL	2.5946 mL
50 mM	0.0519 mL	0.2595 mL	0.5189 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

Nakamura A, et al. Chemogenetic Control of Protein Anchoring to Endomembranes in Living Cells with Lipid-Tethered Small Molecules. Biochemistry. 2020 Jan 21;59(2):205-211.

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