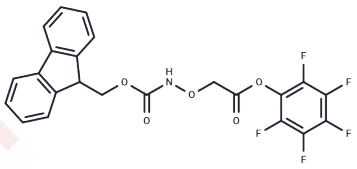
Data Sheet (Cat.No.T17949)

TargetMol

Fmoc-aminooxy-PFP ester

Chemical Properties



CAS No. :

Formula: C23H14F5NO5

Molecular Weight: 479.35

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-aminooxy-PFP ester, an alkyl/ether-based PROTAC linker, holds promise in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules comprising two distinct ligands—one binding to an E3 ubiquitin ligase and the other to the target protein—linked together. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0862 mL	10.4308 mL	20.8616 mL
5 mM	0.4172 mL	2.0862 mL	4.1723 mL
10 mM	0.2086 mL	1.0431 mL	2.0862 mL
50 mM	0.0417 mL	0.2086 mL	0.4172 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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