

Mal-amido-PEG2-TFP ester

Chemical Properties

CAS No. : 1431291-44-9

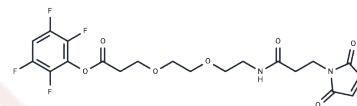
Formula: C₂₀H₂₀F₄N₂O₇

Molecular Weight: 476.38

Keep away from direct sunlight

Storage: 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	Mal-amido-PEG2-TFP ester is a polyethylene glycol (PEG)-based linker featuring amide functionality and a trifluorophenyl (TFP) ester group, used in PROTAC synthesis as a PEG-based PROTAC linker [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0992 mL	10.4958 mL	20.9916 mL
5 mM	0.4198 mL	2.0992 mL	4.1983 mL
10 mM	0.2099 mL	1.0496 mL	2.0992 mL
50 mM	0.042 mL	0.2099 mL	0.4198 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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