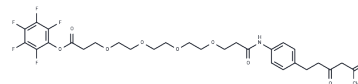


Diketone-PEG4-PFP ester

Chemical Properties

CAS No. : 2353409-84-2
Formula: C30H34F5NO9
Molecular Weight: 647.58
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Diketone-PEG4-PFP ester is a polyethylene glycol (PEG) derivative employed as a PROTAC linker in the fabrication of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5442 mL	7.7211 mL	15.4421 mL
5 mM	0.3088 mL	1.5442 mL	3.0884 mL
10 mM	0.1544 mL	0.7721 mL	1.5442 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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.

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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