

Diketone-PEG11-PFP ester

Chemical Properties

CAS No. :	T17825
Formula:	C44H62F5NO16
Molecular Weight:	955.95
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Diketone-PEG11-PFP ester serves as a PEG-based PROTAC linker for PROTAC synthesis[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	1.0461 mL	5.2304 mL	10.4608 mL
5 mM	0.2092 mL	1.0461 mL	2.0922 mL
10 mM	0.1046 mL	0.523 mL	1.0461 mL
50 mM	0.0209 mL	0.1046 mL	0.2092 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

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