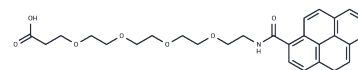


Pyrene-amido-PEG4-CH₂CH₂COOH

Chemical Properties

CAS No. :	1817735-34-4
Formula:	C ₂₈ H ₃₃ N ₇ O ₇
Molecular Weight:	495.56
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pyrene-amido-PEG4-CH ₂ CH ₂ COOH is a polyethylene glycol (PEG) derived linker, designed specifically for constructing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC ₅₀)	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	2.0179 mL	10.0896 mL	20.1792 mL
5 mM	0.4036 mL	2.0179 mL	4.0358 mL
10 mM	0.2018 mL	1.009 mL	2.0179 mL
50 mM	0.0404 mL	0.2018 mL	0.4036 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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