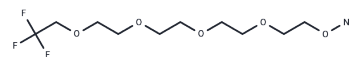


1,1,1-Trifluoroethyl-PEG4-aminoxy

Chemical Properties

CAS No. :	1895922-78-7
Formula:	C10H20F3NO5
Molecular Weight:	291.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1,1,1-Trifluoroethyl-PEG4-aminoxy is a polyethylene glycol (PEG)-based linker, designed specifically for the development 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	3.4334 mL	17.1668 mL	34.3336 mL
5 mM	0.6867 mL	3.4334 mL	6.8667 mL
10 mM	0.3433 mL	1.7167 mL	3.4334 mL
50 mM	0.0687 mL	0.3433 mL	0.6867 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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