

Propargyl-PEG13-acid

Chemical Properties

CAS No. : 1421676-62-1

Formula:

Molecular Weight:

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	Propargyl-PEG13-acid is a PEG-based linker for PROTACs [joining two essential ligands] crucial for forming PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to a target protein. They harness the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

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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