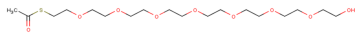
Data Sheet (Cat.No.T16828)

TargetMol
A DRUG SCREENING EXPERT

S-Acetyl-PEG8-OH

Chemical Properties



CAS No.:	1334177-81-9
Formula:	C18H36O9S
Molecular Weight:	428.54
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	S-Acetyl-PEG8-OH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC_{50})	PEGs: None
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].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.334 mL	11.668 mL	23.335 mL
5 mM	0.467 mL	2.334 mL	4.667 mL
10 mM	0.233 mL	1.167 mL	2.334 mL
50 mM	0.047 mL	0.233 mL	0.467 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. 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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