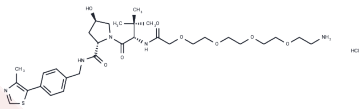
Data Sheet (Cat.No.T15190)

TargetMol

(S,R,S)-AHPC-PEG4-NH2 hydrochloride

Chemical Properties



CAS No. : 2064292-52-8

Formula: C32H50ClN5O8S

Molecular Weight: 700.29

Storage: Keep away from direct sunlight
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	(S, R, S)-AHPC-PEG4-NH2 hydrochloride is a chemically synthesized conjugate consisting of an E3 ligase ligand-linker, incorporating the VHL ligand based on (S, R, S)-AHPC, and a 4-unit PEG linker, which are specifically designed for use in PROTAC technology.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	Extracted from the patent US20170008904A1, '(S,R,S)-AHPC-PEG4-NH2 hydrochloride' serves as a reagent for synthesizing 'compound A1895' as demonstrated in example 3 [1].

Solubility Information

Solubility	H2O: 50 mg/mL (71.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.428 mL	7.1399 mL	14.2798 mL
5 mM	0.2856 mL	1.428 mL	2.856 mL
10 mM	0.1428 mL	0.714 mL	1.428 mL
50 mM	0.0286 mL	0.1428 mL	0.2856 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Crew, Andrew P, et al. MDM2-BASED MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE. US20170008904A1.

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