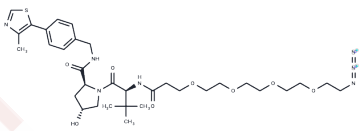
Data Sheet (Cat.No.T18662)

TargetMol

(S,R,S)-AHPC-C2-PEG4-N3

Chemical Properties



CAS No. :

Formula: C33H49N7O8S

Molecular Weight: 703.85

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-C2-PEG4-N3 (VH032-C2-PEG4-N3) is a synthesized E3 ligase ligand-linker conjugate that combines the (S,R,S)-AHPC-based VHL ligand with a 4-unit polyethylene glycol (PEG) linker, used in PROteolysis TAgeting Chimera (PROTAC) technology. This compound aids in the formation of vRucaparib-TP4, a potent PARP1 degrader with a half-maximal degrading concentration (DC50) of 82 nM[1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4208 mL	7.1038 mL	14.2076 mL
5 mM	0.2842 mL	1.4208 mL	2.8415 mL
10 mM	0.1421 mL	0.7104 mL	1.4208 mL
50 mM	0.0284 mL	0.1421 mL	0.2842 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

Wang S, et al. Uncoupling of PARP1 trapping and inhibition using selective PARP1 degradation. Nat Chem Biol. 2019 Dec;15(12):1223-1231.

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