

(S,R,S)-AHPC

Chemical Properties

CAS No. : 1448297-52-6

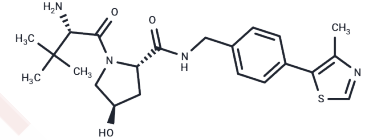
Formula: C₂₂H₃₀N₄O₃S

Molecular Weight: 430.56

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	(S,R,S)-AHPC (VH032-NH ₂) is a VH032-based ligand for recruiting the von Hippel-Lindau (VHL) protein, potentially useful for the targeted degradation of the androgen receptor.
Targets(IC ₅₀)	E3 Ligase Ligand-Linker Conjugates, Ligands for E3 Ligase

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.65 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3226 mL	11.6128 mL	23.2256 mL
5 mM	0.4645 mL	2.3226 mL	4.6451 mL
10 mM	0.2323 mL	1.1613 mL	2.3226 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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

Burslem G M , Schultz A R , Bondeson D P , et al. Targeting BCR-ABL1 in Chronic Myeloid Leukemia by PROTAC-mediated Targeted Protein Degradation[J]. Cancer Research, 2019, 79(18):canres.1236.2019.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481