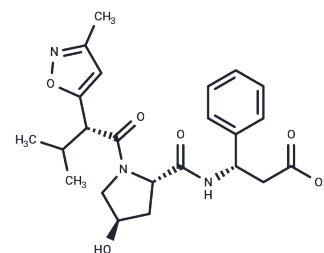


VHL Ligand 8

Chemical Properties

CAS No. :	2701565-76-4
Formula:	C23H29N3O6
Molecular Weight:	443.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	VHL Ligand 8, a VHL ligand essential for synthesizing ARD-266, acts as a highly potent VHL E3 ligase-based androgen receptor (AR) PROTAC degrader. It efficiently facilitates the degradation of AR protein in AR-positive prostate cancer cell lines LNCaP, VCaP, and 22Rv1, exhibiting DC50 values ranging from 0.2-1 nM [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2548 mL	11.2742 mL	22.5484 mL
5 mM	0.451 mL	2.2548 mL	4.5097 mL
10 mM	0.2255 mL	1.1274 mL	2.2548 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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.

Reference

Han X, Zhao L, et al. Discovery of Highly Potent and Efficient PROTAC Degradors of Androgen Receptor (AR) by Employing Weak Binding Affinity VHL E3 Ligase Ligands. J Med Chem. 2019 Dec 26;62(24):11218-11231.

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