

Product Name: VL 285

Catalog No.: 7903

Batch No.: 1

CAS Number: 1448188-57-5

IUPAC Name: (2*S*,4*R*)-4-Hydroxy-1-((*S*)-3-methyl-2-(1-oxoisindolin-2-yl)butanoyl)-*N*-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₉H₃₂N₄O₄S·½H₂O

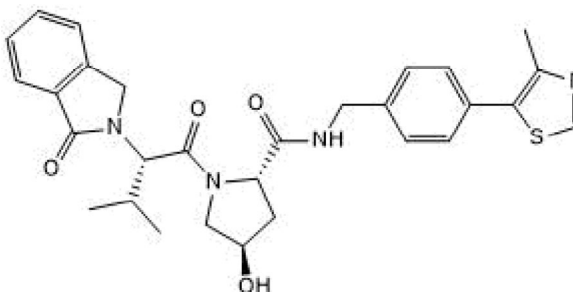
Batch Molecular Weight: 541.67

Physical Appearance: White solid

Solubility: DMSO to 50 mM
ethanol to 20 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 97.2% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	64.3	6.14	10.34
Found	63.31	6.12	10.31

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Description:

VL 285 is an E3 ubiquitin ligase VHL inhibitor (IC₅₀= 340 nM). VL 285 treatment competitively reduces or reverses target protein degradation by AU-15330 and HaloPROTAC3 Degraders.

Physical and Chemical Properties:

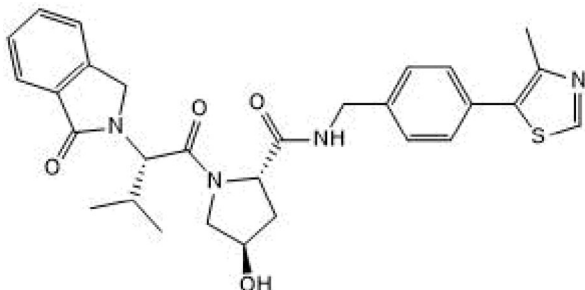
Batch Molecular Formula: C₂₉H₃₂N₄O₄S.½H₂O

Batch Molecular Weight: 541.67

Physical Appearance: White solid

Minimum Purity: ≥97%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 50 mM

ethanol to 20 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Xiao et al (2022) Targeting SWI/SNF ATPases in enhancer-addicted prostate cancer. *Nature* **601** 434. PMID: 34937944.

Buckley et al (2015) HaloPROTACS: use of small molecule PROTACs to induce degradation of HaloTag fusion proteins. *ACS Chem.Biol.* **10** 1831. PMID: 26070106.

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