

Product Name: VH 101, acid

Catalog No.: 7758

Batch No.: 1

CAS Number: 2408341-97-7

IUPAC Name: (S)-3-[[[(2S,4R)-1-[(S)-2-(1-Fluorocyclopropan-1-ylcarbonylamino)-3,3-dimethylbutanoyl]-4-hydroxypyrrolidin-2-yl]carbonyl]amino]-3-[4-(4-methylthiazol-5-yl)phenyl]propanoic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

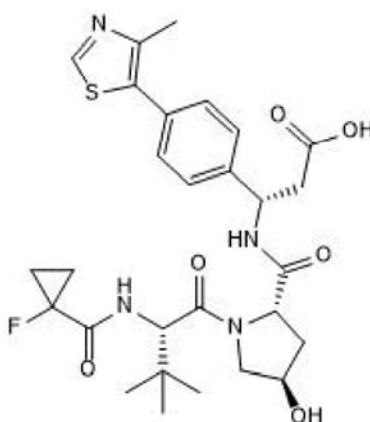
Batch Molecular Formula: C₂₈H₃₅FN₄O₆S.¾H₂O

Batch Molecular Weight: 588.18

Physical Appearance: White solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.0% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.18	6.26	9.53
Found	57.15	6.4	9.49

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

VH 101, acid is a functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC® research and development; incorporates an E3 ligase ligand with carboxylic acid handle at the benzylic position ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. Please contact us for SD files of our available Degradation Building Blocks. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

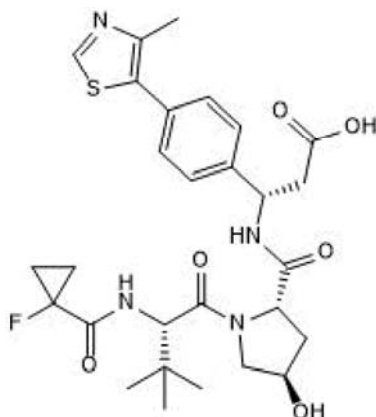
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Batch Molecular Weight: 588.18

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



References:

Kofink et al (2022) A selective and orally bioavailable VHL-recruiting PROTAC achieves SMARCA2 degradation *in vivo*. ChemRxiv - not yet peer reviewed.

Storage: Store at -20°C

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. Our standard recommendations are:

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.

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