

Product Name: VH 101, thiol

Catalog No.: 7884

Batch No.: 1

CAS Number: 2358775-81-0

IUPAC Name: (2*S*,4*R*)-1-[(2*R*)-2-[[1-(1-Fluorocyclopropyl)carbonyl]amino]-3-methyl-3-sulfanyl-butanoyl]-4-hydroxy-*N*-[[4-(4-methylthiazol-5-yl)phenyl]methyl]pyrrolidine-2-carboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

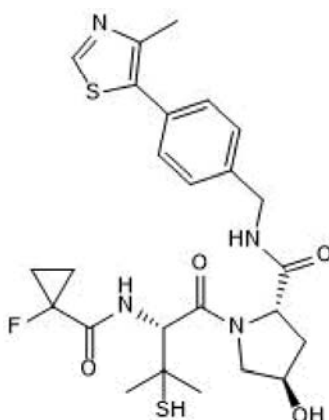
Batch Molecular Formula: C₂₅H₃₁FN₄O₄S₂

Batch Molecular Weight: 534.67

Physical Appearance: White solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.2% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

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

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Description:

VH 101, thiol is a functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC[®] research and development; incorporates an E3 ligase ligand with terminal thiol 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:

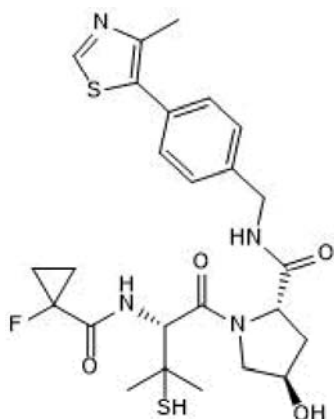
Batch Molecular Formula: C₂₅H₃₁FN₄O₄S₂

Batch Molecular Weight: 534.67

Physical Appearance: White solid

Minimum Purity: ≥95%

Batch Molecular Structure:



References:

Liu *et al* (2022) Discovery of XL01126: a potent, fast, cooperative, selective, orally bioavailable, and blood-brain barrier penetrant PROTAC degrader of leucine-rich repeat kinase 2. *J. Am. Chem. Soc.* **144** 16930. PMID: 36007011.

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