

Certificate of Analysis

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Product Name: VH 101, thiol

Catalog No.: 7884 Batch No.: 1

IUPAC Name:

Storage:

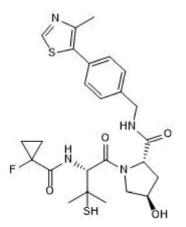
CAS Number: 2358775-81-0

(2*S*,4*R*)-1-[(2*R*)-2-[[(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: Batch Molecular Weight: Physical Appearance: $C_{25}H_{31}FN_4O_4S_2$ 534.67 White solid Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: ¹H NMR: Mass Spectrum: Shows 99.2% purity Consistent with structure Consistent with structure

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

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

Description:

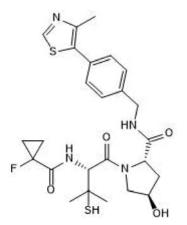
VH 101, thiol is a functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC[®] research and development; incorporates an E3 ligase ligand with terminal thiol ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. Please contact us for SD files of our available Degrader 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: $C_{25}H_{31}FN_4O_4S_2$ 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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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.

Catalog No.: 7884

1