

Product Name: Me VH 032, amine

Catalog No.: 7634

Batch No.: 1

CAS Number: 2504950-56-3

IUPAC Name: (4*R*)-3-Methyl-L-valyl-4-hydroxy-*N*-[(1*S*)-1-[4-(4-methyl-5-thiazolyl)phenyl]ethyl]-L-prolinamide dihydrochloride

## 1. PHYSICAL AND CHEMICAL PROPERTIES

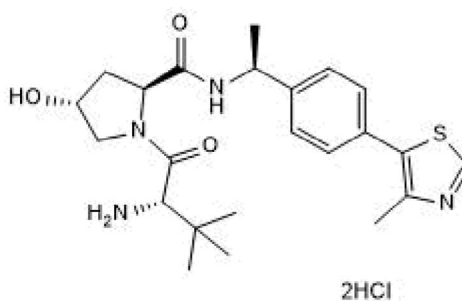
Batch Molecular Formula: C<sub>23</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>S.2HCl

Batch Molecular Weight: 517.51

Physical Appearance: Pale yellow solid

Storage: Desiccate at RT

Batch Molecular Structure:



## 2. ANALYTICAL DATA

HPLC: Shows 98.1% purity

<sup>1</sup>H 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:**

Me VH 032, amine is a derivative of the von Hippel-Lindau (VHL) ligand, VH 032 for use as a precursor to a PROTAC<sup>®</sup> that hijacks VHL as the E3 ubiquitin ligase component. Me VH 032, amine is supplied with a primary amine functional handle, for ready conjugation to a linker/target protein ligand. Introduction of the methyl group at the benzylic position of VH 032 is associated with improved binding affinity. Please contact us for SD files of our available Degradation Building Blocks. PROTAC<sup>®</sup> is a registered trademark of Arvinas Operations, Inc., and is used under license. Require a different derivative? Get in touch Please see product specific page on www.tocris.com for full description.

**Physical and Chemical Properties:**

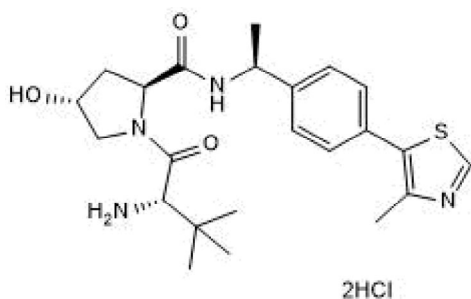
Batch Molecular Formula: C<sub>23</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>S.2HCl

Batch Molecular Weight: 517.51

Physical Appearance: Pale yellow solid

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**



**Storage:** Desiccate at RT

**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:**

Hu *et al* (2019) Discovery of ERD-308 as a highly potent proteolysis targeting chimera (PROTAC) degrader of estrogen receptor (ER). *J.Med.Chem.* **62** 1420. PMID: 30990042.

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