

**Product Name:** VH 032 amide-PEG3-amine

**Catalog No.:** 6463

**Batch No.:** 3

CAS Number: 2376990-24-6

IUPAC Name: (2*S*,4*R*)-1-((*S*)-14-amino-2-(tert-butyl)-4-oxo-6,9,12-trioxa-3-azatetradecan-1-oyl)-4-hydroxy-*N*-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide dihydrochloride

**1. PHYSICAL AND CHEMICAL PROPERTIES**

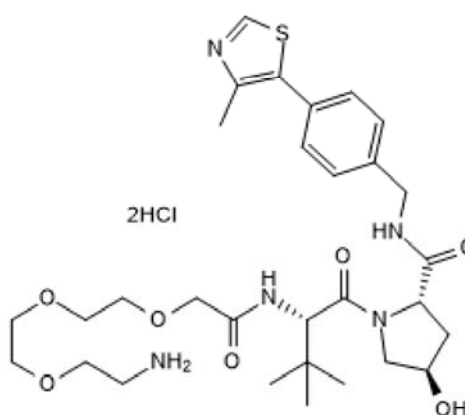
**Batch Molecular Formula:** C<sub>30</sub>H<sub>45</sub>N<sub>5</sub>O<sub>7</sub>S.2HCl.1¼H<sub>2</sub>O

**Batch Molecular Weight:** 715.21

**Physical Appearance:** Off White solid

**Storage:** Store at -20°C

**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 98.5% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical	50.38	6.98	9.79	9.91
Found	50.79	7.34	9.71	9.05

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

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**Description:**

VH 032 amide-PEG3-amine is a functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC<sup>®</sup> research and development; incorporates an E3 ligase ligand plus a PEG linker ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. This product has been recently renamed. The previous name for this product was VH 032 - linker 1 Please contact us for SD files of our available Degradator Building Blocks. PROTAC<sup>®</sup> 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:**

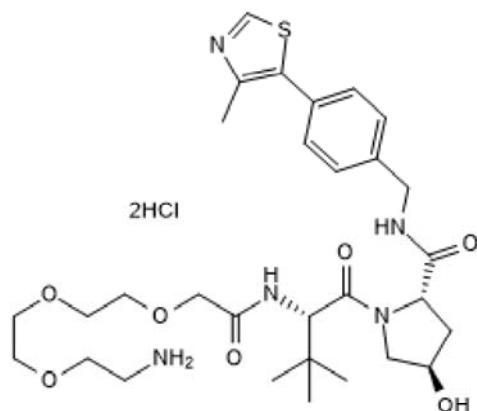
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Batch Molecular Weight: 715.21

Physical Appearance: Off White solid

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**



**Storage:** Store at -20°C. This product is packaged under an inert atmosphere.

**Solubility & Usage Info:**

Standard retail vials are prepared by lyophilisation. The product may appear as a solid, a gel or a film. Solutions should be made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved

**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.

**References:**

**Salami et al** (2017) Waste disposal-An attractive strategy for cancer therapy. *Science* **355** 1163. PMID: 28302825.

**Zengerle et al** (2015) Selective small molecule induced degradation of the BET bromodomain protein BRD4. *ACS Chem. Biol.* **10** 1770. PMID: 26035625.

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