

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

**Catalog No.:** 8123

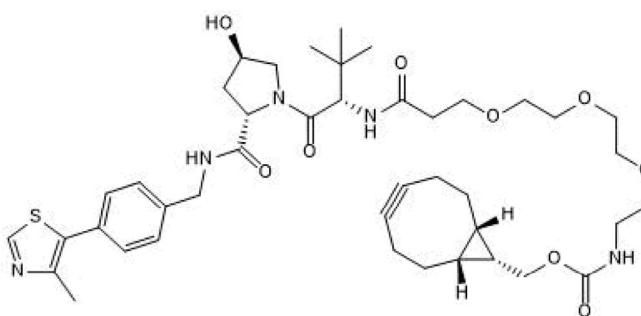
**Batch No.:** 1

CAS Number: 2876198-36-4

IUPAC Name: ((1*R*,8*S*,9*S*)-Bicyclo[6.1.0]non-4-yn-9-yl)methyl ((*S*)-14-((2*S*,4*R*)-4-hydroxy-2-((4-(4-methylthiazol-5-yl)benzyl)carbamoyl)pyrrolidine-1-carbonyl)-15,15-dimethyl-12-oxo-3,6,9-trioxo-13-aza-hexadecyl)carbamate

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>42</sub>H<sub>59</sub>N<sub>5</sub>O<sub>9</sub>S  
**Batch Molecular Weight:** 810.02  
**Physical Appearance:** White solid  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 93.4% 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:**

VH 032 amide-PEG3-BCN is a functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG3 linker with terminal bicyclooctyne (BCN). It can be used for copper-free strain-promoted azide-alkyne cycloaddition (SPAAC) reaction. 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:**

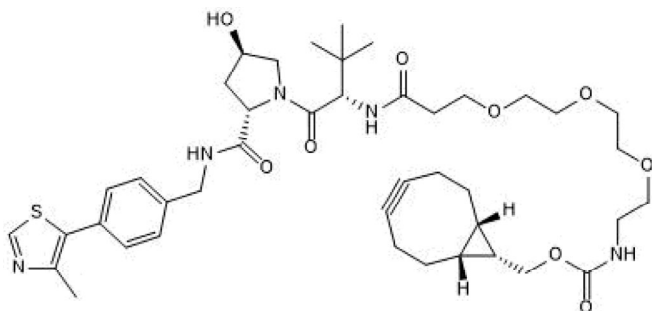
Batch Molecular Formula: C<sub>42</sub>H<sub>59</sub>N<sub>5</sub>O<sub>9</sub>S

Batch Molecular Weight: 810.02

Physical Appearance: White solid

**Minimum Purity:** ≥90%

**Batch Molecular Structure:**



**References:**

Liu *et al* (2021) TF-PROTACs enable targeted degradation of transcription factors. *J. Am. Chem. Soc.* **143** 8902. PMID: 34100597.

**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. \*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.

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