bio-techne
TOCRIS

Print Date: Mar 19th 2025

Certificate of Analysis

www.tocris.com

Product Name: **VHL-SNAP2-5C** **Catalog No.: 8890** **Batch No.: 1**

IUPAC Name: N^1-(4-(((2-Amino-6-chloropyrimidin-4-yl)oxy)methyl)benzyl)-N^7-((*S*)-1-((2*S*,4*R*)-4-hydroxy-2-(((*S*)-1-(4-(4-methylthiazol-5-yl)phenyl)ethyl)carbamoyl)pyrrolidin-1-yl)-3,3-dimethyl-1-oxobutan-2-yl)heptanediamide

1. PHYSICAL AND CHEMICAL PROPERTIES

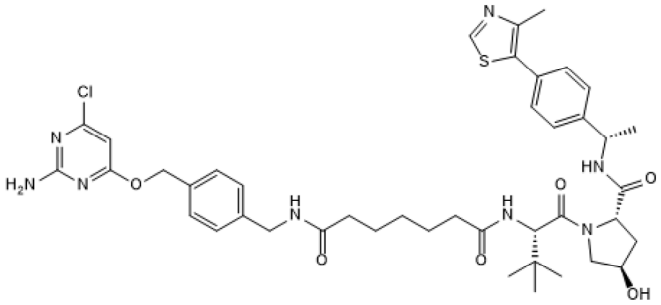
Batch Molecular Formula: $C_{42}H_{53}ClN_8O_6S$.

Batch Molecular Weight: 833.45

Physical Appearance: White solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.2% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	60.53	6.41	13.44
Found	59.58	6.39	13.06

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Description:

VHL-SNAP2-5C is a SNAP tag labeled fusion protein Degrader (PROTAC®; D_{max} = 80% at 1 µM). VHL-SNAP2-5C recruits VHL E3 ligase to induce the degradation of SNAP-fusion proteins. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

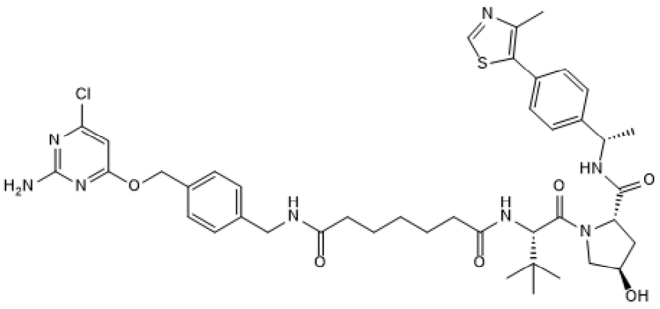
Batch Molecular Formula: $C_{42}H_{53}ClN_8O_6S$.

Batch Molecular Weight: 833.45

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



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.

References:

Pol *et al* (2024) Induced degradation of SNAP-fusion proteins. RSC Chem.Biol. ***5*** 1232. PMID: 39444693.