bio-techne
TOCRIS

Print Date: Mar 19th 2025

Certificate of Analysis

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Product Name: **CRBN5-SNAP2-1C-PIP** **Catalog No.: 8891** **Batch No.: 1**

IUPAC Name: *N*-(4-(((2-Amino-6-chloropyrimidin-4-yl)oxy)methyl)benzyl)-2-(1-(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisoindolin-5-yl) piperidin-4-yl)acetamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{32}H_{32}ClN_7O_6$.

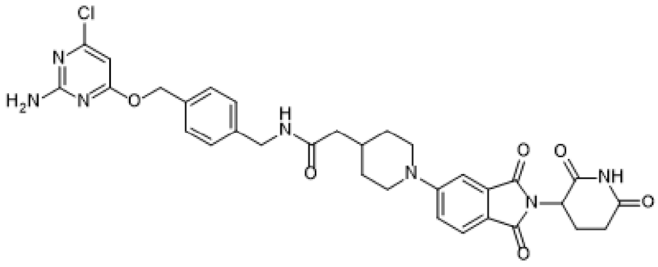
Batch Molecular Weight: 646.1

Physical Appearance: Yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 97.8% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	59.49	4.99	15.18
Found	58.64	4.96	14.88

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel:+1 612 379 2956

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Description:

CRBN5-SNAP2-1C-PIP is a SNAP tag labeled fusion protein Degrader (PROTAC®; D_{max} = 75% at 1 µM). CRBN5-SNAP2-1C-PIP recruits cereblon 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:

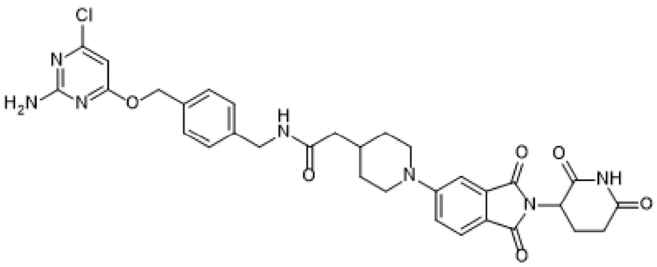
Batch Molecular Formula: $C_{32}H_{32}ClN_7O_6$.

Batch Molecular Weight: 646.1

Physical Appearance: Yellow solid

Minimum Purity: ≥97%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

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.