

# Certificate of Analysis

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**Product Name:** CRBN5-SNAP2-1C-PIP

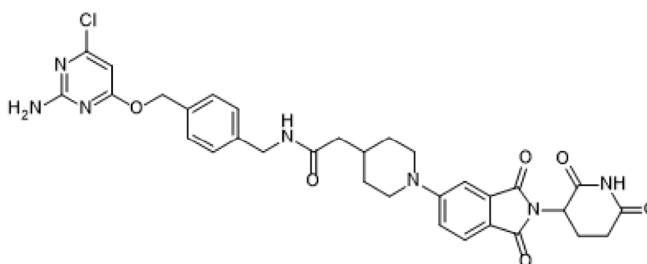
**Catalog No.:** 8891

**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-dioxoisindolin-5-yl)piperidin-4-yl)acetamide

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>32</sub>H<sub>32</sub>ClN<sub>7</sub>O<sub>6</sub>.  
**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  
**<sup>1</sup>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

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

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**Description:**

CRBN5-SNAP2-1C-PIP is a Degradator (PROTAC®) of SNAP-tag™ labeled fusion proteins ( $D_{max}$  = 75% at 1  $\mu$ M). 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. SNAP-tag is a trademark of New England BioLabs, Inc.

**Physical and Chemical Properties:**

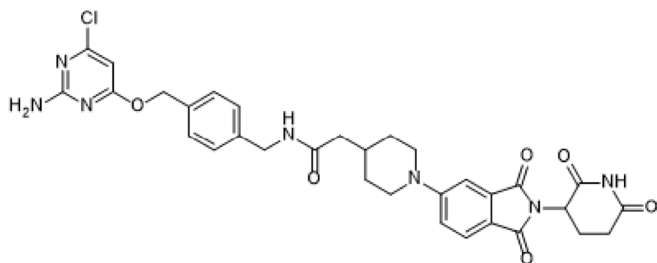
Batch Molecular Formula: C<sub>32</sub>H<sub>32</sub>ClN<sub>7</sub>O<sub>6</sub>.

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.

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