

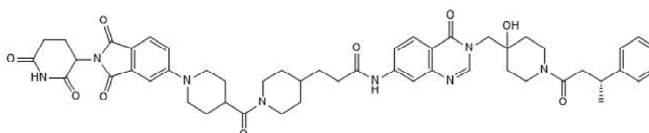
# Certificate of Analysis

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**Product Name:** CST 967 **Catalog No.:** 7801 **Batch No.:** 1  
**CAS Number:** 3093667-09-2  
**IUPAC Name:** 3-(1-(1-(2-(2,6-Dioxopiperidin-3-yl)-1,3-dioxoisindolin-5-yl)piperidine-4-carbonyl)piperidin-4-yl)-N-(3-((4-hydroxy-1-((R)-3-phenylbutanoyl)piperidin-4-yl)methyl)-4-oxo-3,4-dihydroquinazolin-7-yl)propanamide

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>51</sub>H<sub>58</sub>N<sub>8</sub>O<sub>9</sub> · 1<sup>3</sup>/<sub>4</sub>H<sub>2</sub>O  
**Batch Molecular Weight:** 958.59  
**Physical Appearance:** Yellow solid  
**Solubility:** DMSO to 100 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 96.6% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	63.9	6.47	11.69
Found	63.08	6.39	11.3

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**Description:**

CST 967 is a potent and selective ubiquitin specific protease 7 (USP7) Degradator (PROTAC®;  $D_{max} = 85\%$  at  $1\mu\text{M}$ ,  $DC_{50} = 17\text{ nM}$ ). PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

**Physical and Chemical Properties:**

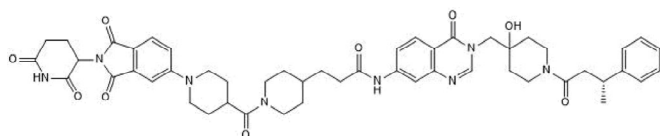
Batch Molecular Formula:  $\text{C}_{51}\text{H}_{58}\text{N}_8\text{O}_9 \cdot 1\frac{3}{4}\text{H}_2\text{O}$

Batch Molecular Weight: 958.59

Physical Appearance: Yellow solid

**Minimum Purity:**  $\geq 96\%$

**Batch Molecular Structure:**



**Storage:** Store at  $-20^{\circ}\text{C}$

**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  $45\text{-}60^{\circ}\text{C}$  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  $-20^{\circ}\text{C}$  or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

Murgai *et al* (2022) Targeting the deubiquitinase USP7 for degradation with PROTACs. *Chem.Commun.* **58** 8858. PMID: 35852517.

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