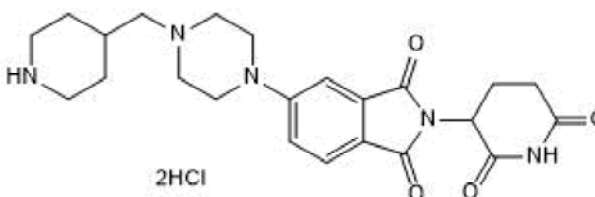


**Product Name:** Pomalidomide 5'-piperazine-4-methylpiperidine **Catalog No.:** 7469 **Batch No.:** 1  
**IUPAC Name:** 2-(2,6-Dioxo-3-piperidiny)-5-[4-(4-piperidinylmethyl)-1-piperazinyl]-1*H*-isoindole-1,3(2*H*)-dione dihydrochloride

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>23</sub>H<sub>29</sub>N<sub>5</sub>O<sub>4</sub>·2HCl·1¼H<sub>2</sub>O  
**Batch Molecular Weight:** 534.95  
**Physical Appearance:** Yellow solid  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 99.5% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical	51.64	6.31	13.09	13.25
Found	50.89	6.58	12.74	13.85

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

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**Description:**

Pomalidomide 5'-piperazine-4-methylpiperidine is a functionalized cereblon ligand for PROTAC<sup>®</sup> research and development; incorporates an E3 ligase ligand with a terminal piperidine for onward chemistry to generate Protein Degraders with rigid linkers. Part of a range of functionalized tool molecules for PROTAC<sup>®</sup>. PROTAC<sup>®</sup> is a registered trademark of Arvinas Operations, Inc., and is used under license.

**Physical and Chemical Properties:**

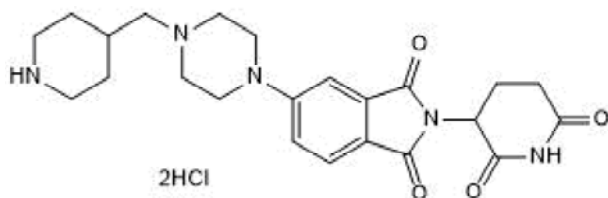
Batch Molecular Formula: C<sub>23</sub>H<sub>29</sub>N<sub>5</sub>O<sub>4</sub>·2HCl·1¼H<sub>2</sub>O

Batch Molecular Weight: 534.95

Physical Appearance: Yellow solid

**Minimum Purity:** ≥95%

**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. Our standard recommendations are:

**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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