

**Product Name:** Pomalidomide 5'-fluoro-6'-piperazine

**Catalog No.:** 7470

**Batch No.:** 1

CAS Number: 2222114-23-8

IUPAC Name: 2-(2,6-Dioxo-3-piperidinyl)-5-fluoro-6-(1-piperazinyl)-1*H*-isoindole-1,3(2*H*)-dione hydrochloride

**1. PHYSICAL AND CHEMICAL PROPERTIES**

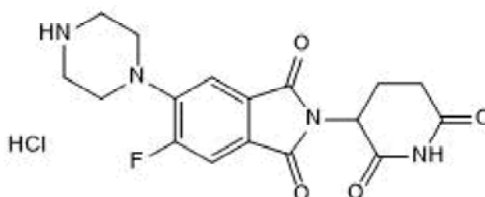
**Batch Molecular Formula:** C<sub>17</sub>H<sub>17</sub>FN<sub>4</sub>O<sub>4</sub>.HCl.1½H<sub>2</sub>O

**Batch Molecular Weight:** 423.82

**Physical Appearance:** Yellow solid

**Storage:** Store at -20°C

**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 99.6% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical	48.18	4.99	13.22	8.36
Found	47.83	4.82	12.92	8.49

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

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**Description:**

Pomalidomide 5'-fluoro-6'-piperazine is a functionalized cereblon ligand for PROTAC<sup>®</sup> research and development; incorporates an E3 ligase ligand with a terminal piperazine for onward chemistry to generate Protein Degraders with rigid linkers. Part of a range of functionalized tool molecules for PROTAC<sup>®</sup> Degradere R&D. PROTAC<sup>®</sup> is a registered trademark of Arvinas Operations, Inc., and is used under license.

**Physical and Chemical Properties:**

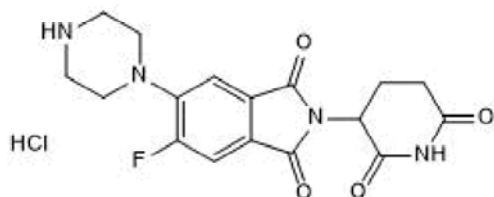
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Batch Molecular Weight: 423.82

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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