

Product Name: Pomalidomide 5'-piperazine-4-methylpiperidine

Catalog No.: 7469

Batch No.: 1

CAS Number: 2758431-93-3

IUPAC Name: 2-(2,6-Dioxo-3-piperidinyl)-5-[4-(4-piperidinylmethyl)-1-piperazinyl]-1*H*-isoindole-1,3(2*H*)-dione dihydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

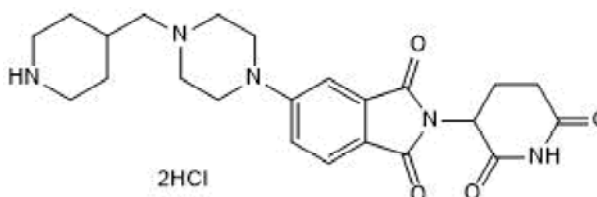
Batch Molecular Formula: C₂₃H₂₉N₅O₄·2HCl·1¼H₂O

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

¹H 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® 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®. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

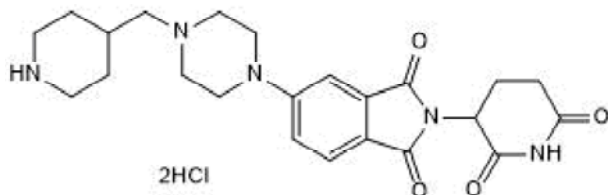
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Batch Molecular Weight: 534.95

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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