

Product Name: Lenalidomide 5'-piperazine

Catalog No.: 7472

Batch No.: 2

CAS Number: 2222120-31-0

IUPAC Name: 3-[1,3-Dihydro-1-oxo-5-(1-piperazinyl)-2*H*-isoindol-2-yl]-2,6-piperidinedione hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

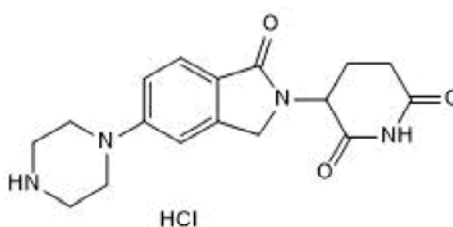
Batch Molecular Formula: C₁₇H₂₀N₄O₃.HCl.H₂O

Batch Molecular Weight: 382.85

Physical Appearance: Grey solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 95.1% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical	53.33	6.06	14.63	9.26
Found	53.27	5.62	14.32	9.94

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

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Description:

Lenalidomide 5'-piperazine is a functionalized cereblon ligand for PROTAC[®] 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 R&D. PROTAC[®] is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

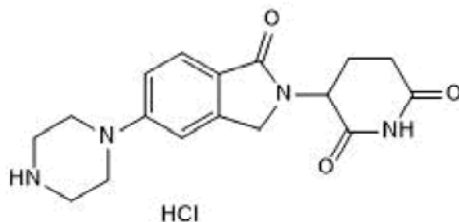
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Batch Molecular Weight: 382.85

Physical Appearance: Grey 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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