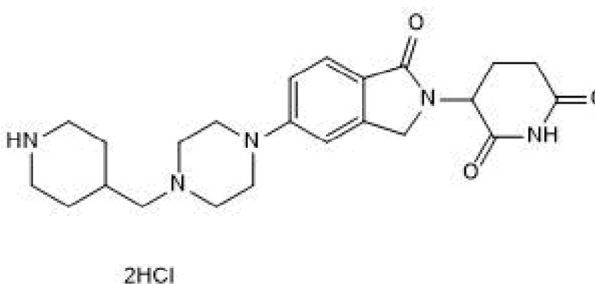


Product Name: Lenalidomide 5'-piperazine-4-methylpiperidine **Catalog No.:** 7473 **Batch No.:** 2
CAS Number: 2520105-60-4
IUPAC Name: 3-[1,3-Dihydro-1-oxo-5-[4-(4-piperidinylmethyl)-1-piperazinyl]-2H-isoindol-2-yl]-2,6-piperidinedione dihydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₃H₃₁N₅O₃·2HCl.
Batch Molecular Weight: 498.45
Physical Appearance: Brown solid
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 94.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical				14.22
Found				13.87

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

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Description:

Lenalidomide 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 R&D. Please contact us for SD files of our available Degradar Building Blocks. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

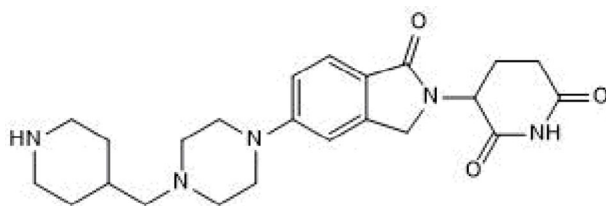
Batch Molecular Formula: C₂₃H₃₁N₅O₃·2HCl.

Batch Molecular Weight: 498.45

Physical Appearance: Brown solid

Minimum Purity: ≥94%

Batch Molecular Structure:



2HCl

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. *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°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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