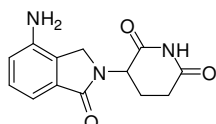




Certificate of Analysis

Axon Catalogue ID: 1793 **Batch Number:** 1
Product Name: Lenalidomide
Alternative Name(s): CC 5013; Revlimid
IUPAC Name: 3-(4-Amino-1-oxoisindolin-2-yl)piperidine-2,6-dione

Structure:



Amount:

CAS number(s): 191732-72-6
Molecular Formula: C₁₃H₁₃N₃O₃ **Molecular Weight:** 259.26
Batch Molecular Formula: C₁₃H₁₃N₃O₃ **Batch Molecular Weight:** 259.26
Appearance: White solid **Observed mp:** 268.1 - 270.1 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.22, H 5.05, N 16.21; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	25.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 11-06-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only