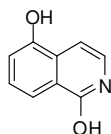




Certificate of Analysis

Axon Catalogue ID: 2537 **Batch Number:** 1
Product Name: 1,5-Isoquinolinediol
Alternative Name(s): NSC 65585
IUPAC Name: Isoquinoline-1,5-diol

Structure:



Amount:

CAS number(s): 5154-02-9
Molecular Formula: C₉H₇NO₂ **Molecular Weight:** 161.16
Batch Molecular Formula: C₉H₇NO₂ **Batch Molecular Weight:** 161.16
Appearance: White solid **Observed mp:** 283 - 284°C
TLC (R_f): 0.53 DCM/MeOH (9:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.07, H 4.38, N 8.69; Found: C 66.97, H 4.29, N 8.65
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	1.8	11.2	
	0.1N NaOH (aq)	16.1	>100 mM	
	0.1N HCl (aq)			Not Tested
	DMSO	16.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 07-06-2021

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