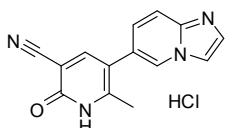




Certificate of Analysis

Axon Catalogue ID: 1168 **Batch Number:** 1
Product Name: Olprinone hydrochloride
Alternative Name(s): Loprinone hydrochloride
IUPAC Name: 5-(imidazo[1,2-a]pyridin-6-yl)-6-methyl-2-oxo-1,2-dihydropyridine-3-carbonitrile hydrochloride

Structure:



Amount:

CAS number: 119615-63-3 **MW:** 286.72
Batch Molecular Formula: C₁₄H₁₀N₄O.HCl **Batch MW:** 286.72
Appearance: Off-white Solid **Observed mp:** 325 °C (decomp)
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Not available
Storage Conditions: Desiccate at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	10.0	34.9	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.0	52.3	
	EtOH			Not Tested

Remarks:

QC Date: 28-9-2011

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only