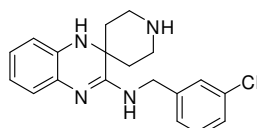


Certificate of Analysis

Axon Catalogue ID: 2990 **Batch Number:** 1
Product Name: Liproxstatin-1
Alternative Name(s): N.A.
IUPAC Name: N-(3-Chlorobenzyl)-1'H-spiro[piperidine-4,2'-quinoxalin]-3'-amine

Structure:



Amount:

CAS number(s): 950455-15-9
Molecular Formula: C₁₉H₂₁ClN₄ **Molecular Weight:** 340.85
Batch Molecular Formula: C₁₉H₂₁ClN₄·0.25H₂O **Batch Molecular Weight:** 345.35
Appearance: Brown solid **Observed mp:** 155 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.08, H 6.27, N 16.22; Found: C 66.13, H 6.14, N 16.34
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	16.0	46.3	
	DMSO	34.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-07-2019

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