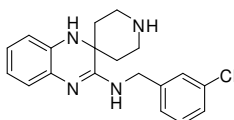




Certificate of Analysis

Axon Catalogue ID: 2990 **Batch Number:** 3
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 **Batch Molecular Weight:** 340.85
Appearance: Light-brown solid **Observed mp:** 162.0 - 163.5 °C
TLC (R_f): 0.5 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.95, H 6.21, N 16.44; Found: C 66.67, H 6.28, N 16.45
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)	13.6	39.9	
	DMSO	34.1	>100 mM	
	EtOH	14.0	41.1	

Remarks:

QC Date: 13-7-2022

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