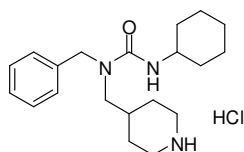




Certificate of Analysis

Axon Catalogue ID: 2943 **Batch Number:** 1
Product Name: SRI-011381 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-Benzyl-3-cyclohexyl-1-(piperidin-4-ylmethyl)urea hydrochloride

Structure:



Amount:

CAS number(s): 1629138-41-5 (parent), 2070014-88-7 (HCl (1:1))
Molecular Formula: C₂₀H₃₁N₃O.HCl **Molecular Weight:** 365.94
Batch Molecular Formula: C₂₀H₃₁N₃O.HCl.0.5H₂O **Batch Molecular Weight:** 374.95
Appearance: White solid **Observed mp:** 99 - 104 °C
TLC (R_f): 0.53 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.07, H 8.87, N 11.21; Found: C 63.79, H 8.98, N 11.14
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	37.5	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	37.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-04-2019

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