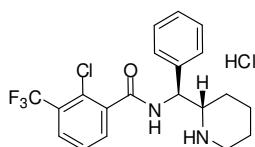




Certificate of Analysis

Axon Catalogue ID: 1549 **Batch Number:** 2
Product Name: SSR 504734
Alternative Name(s): N.A.
IUPAC Name: 2-Chloro-N-((S)-phenyl((S)-piperidin-2-yl)methyl)-3-(trifluoromethyl)benzamide hydrochloride

Structure:



Amount:

CAS number(s): 742693-38-5 (parent), 615571-23-8 (HCl (1:1))
Molecular Formula: C₂₀H₂₀ClF₃N₂O.HCl **Molecular Weight:** 433.29
Batch Molecular Formula: C₂₀H₂₀ClF₃N₂O.HCl.0.25H₂O **Batch Molecular Weight:** 437.80
Appearance: White solid **Observed mp:** >228 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.87, H 4.95, N 6.40; Found: C 54.65, H 4.64, N 6.12
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	16.0	36.5	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	24.0	54.8	
	EtOH			Not Tested

Remarks:

QC Date: 13-12-2018

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