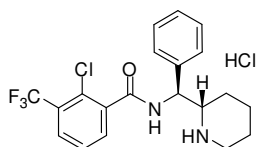




Certificate of Analysis

Axon Catalogue ID: 1549 **Batch Number:** 1
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 **Batch Molecular Weight:** 433.29
Appearance: White solid **Observed mp:** 224 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): Optical pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.44, H 4.89, N 6.47; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at -20 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|-------------------------|----------------|---------------------------|------------------------|----------------|
| | Water | 12.0 | 27.7 | |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | | | Not Tested |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 02-10-2018

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