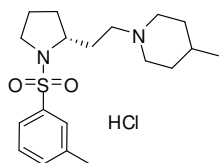




Certificate of Analysis

Axon Catalogue ID: 1100 **Batch Number:** 1
Product Name: SB 258741 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: (R)-4-methyl-1-(2-(1-(m-tolylsulfonyl)pyrrolidin-2-yl)ethyl)piperidine hydrochloride

Structure:



Amount:

CAS number(s): 201038-58-6 (parent), N.A. (HCl (1:1))
Molecular Formula: C₁₉H₃₀N₂O₂S.HCl **Molecular Weight:** 386.98
Batch Molecular Formula: C₁₉H₃₀N₂O₂S.HCl **Batch Molecular Weight:** 386.98
Appearance: White solid **Observed mp:** 195.7 - 197.4 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.97, H 8.07, N 7.24; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	10.0	25.8	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	10.0	25.8	
	EtOH			Not Tested

Remarks:

QC Date: 28-03-2018

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