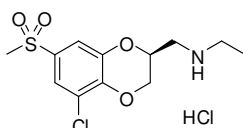




Certificate of Analysis

Axon Catalogue ID: 1742 **Batch Number:** 1
Product Name: NS 30678 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: (S)-N-((5-Chloro-7-(methylsulfonyl)-2,3-dihydrobenzo[b][1,4]dioxin-2-yl)methyl)ethanamine hydrochloride

Structure:



Amount:

CAS number(s): 1193707-15-1 (parent), 1193707-19-5 (HCl (1:1))
Molecular Formula: C₁₂H₁₆ClNO₄S.HCl **Molecular Weight:** 342.24
Batch Molecular Formula: C₁₂H₁₆ClNO₄S.HCl **Batch Molecular Weight:** 342.24
Appearance: White solid **Observed mp:** 269 °C (decomp)
TLC (R_f): 0.3 DCM/MeOH/NH₃ (95:5:0.5)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 42.11, H 5.01, N 4.09; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	26.6	77.7	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-09-2019

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