



Certificate of Analysis

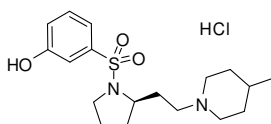
Axon Catalogue ID: 2183 **Batch Number:** 1

Product Name: SB 269970 hydrochloride

Alternative Name(s): SB 269970A

IUPAC Name: (R)-3-(2-(2-(4-Methylpiperidin-1-yl)ethyl)pyrrolidin-1-ylsulfonyl)phenol hydrochloride

Structure:



Amount:

CAS number(s): 201038-74-6 (parent), 261901-57-9 (HCl (1:1))

Molecular Formula: C₁₈H₂₈N₂O₃S.HCl **Molecular Weight:** 388.95

Batch Molecular Formula: C₁₈H₂₈N₂O₃S.HCl **Batch Molecular Weight:** 388.95

Appearance: White solid **Observed mp:** 204 °C

TLC (R_f): 0.67 DCM/MeOH/NH₃ (9:1:0.1)

Chemical Purity: 99.0%

Optical Purity (ee): 100%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 55.58, H 7.51, N 7.20; Found: C 55.30, H 7.87, N 7.11

Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	28.9	74.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	38.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 21-11-2023

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