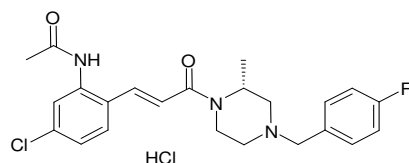




Certificate of Analysis

Axon Catalogue ID: 1179 **Batch Number:** 2
Product Name: A1B1 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: ((R,E)-N-(5-Chloro-2-(3-(4-(4-fluorobenzyl)-2-methylpiperazin-1-yl)-3-oxoprop-1-enyl)phenyl)acetamide hydrochloride

Structure:



Amount:

CAS number(s): 685534-25-2 (parent)
Molecular Formula: C₂₃H₂₅ClFN₃O₂.HCl **Molecular Weight:** 466.38
Batch Molecular Formula: C₂₃H₂₅ClFN₃O₂.HCl.1H₂O **Batch Molecular Weight:** 484.39
Appearance: White solid **Observed mp:** 176 - 185 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.03, H 5.83, N 8.67; Found: C 56.88, H 5.72, N 8.43
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	48.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-11-2018

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