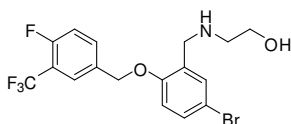




Certificate of Analysis

Axon Catalogue ID: 4121 **Batch Number:** 1
Product Name: USP25/28 inhibitor AZ1
Alternative Name(s): N.A.
IUPAC Name: 2-(5-Bromo-2-(4-fluoro-3-(trifluoromethyl)benzyloxy)benzylamino)ethanol

Structure:



Amount:

CAS number(s): 2165322-94-9
Molecular Formula: C₁₇H₁₆BrF₄NO₂ **Molecular Weight:** 422.21
Batch Molecular Formula: C₁₇H₁₆BrF₄NO₂ **Batch Molecular Weight:** 422.21
Appearance: White solid **Observed mp:** 106.1 - 107.5 °C
TLC (R_f): 0.57 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.36, H 3.82, N 3.32; Found: C 48.09, H 3.87, N 3.20
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	42.2	>100 mM	
	EtOH	42.2	>100 mM	

Remarks:

QC Date: 14-6-2024

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