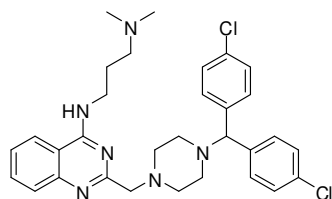




Certificate of Analysis

Axon Catalogue ID: 2244 **Batch Number:** 2
Product Name: SCH 529074
Alternative Name(s): N.A.
IUPAC Name: N1-((4-(bis(4-chlorophenyl)methyl)piperazin-1-yl)methyl)quinazolin-4-yl)-N3,N3-dimethylpropane-1,3-diamine

Structure:



Amount:

CAS number(s): 922150-11-6
Molecular Formula: C₃₁H₃₆Cl₂N₆ **Molecular Weight:** 563.56
Batch Molecular Formula: C₃₁H₃₆Cl₂N₆·0.3H₂O **Batch Molecular Weight:** 568.97
Appearance: White solid **Observed mp:** 158.4 - 160.8 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.44, H 6.48, N 14.77; Found: C 65.03, H 6.06, N 14.64
Storage Conditions: Store at +4 °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)	21.0	36.9	
	DMSO	6.4	11.2	
	EtOH			Not Tested

Remarks:

QC Date: 08-05-2019

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