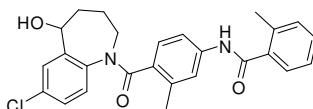




Certificate of Analysis

Axon Catalogue ID: 1591 **Batch Number:** 1
Product Name: Tolvaptan
Alternative Name(s): OPC 41061
IUPAC Name: N-(4-(7-Chloro-5-hydroxy-2,3,4,5-tetrahydro-1H-benzo[b]azepine-1-carbonyl)-3-methylphenyl)-2-methylbenzamide

Structure:



Amount:

CAS number(s): 150683-30-0
Molecular Formula: C₂₆H₂₅ClN₂O₃ **Molecular Weight:** 448.94
Batch Molecular Formula: C₂₆H₂₅ClN₂O₃ **Batch Molecular Weight:** 448.94
Appearance: White solid **Observed mp:** 227 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.56, H 5.61, N 6.24; Found: C ND, H ND, N ND
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			0
	EtOH			Not Tested

Remarks:

QC Date: 20-7-2023

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