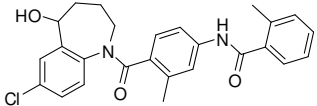




Certificate of Analysis

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:	150683-30-0		
Batch Molecular Formula:	C26H25ClN2O3	Batch MW:	448.94
Appearance:	White solid	Observed mp:	227 °C
TLC (R_f):	0.6	DCM/MeOH (9:1)	
Chemical Purity:	99.8%		
Optical Purity (ee):	N.A.		
¹H-NMR (300 MHz):	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)
	Water		Not Tested
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	44.9	>100 mM
	EtOH		Not Tested
Remarks:			
QC Date:	21-10-2015		

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