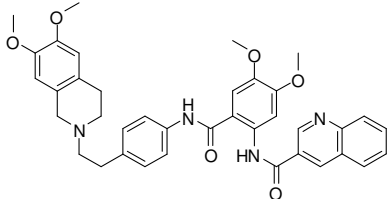




Certificate of Analysis

Axon Catalogue ID:	1960	Batch Number:	1	
Product Name:	Tariquidar			
Alternative Name(s):	XR 9576			
IUPAC Name:	N-(2-(4-(2-(6,7-Dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)ethyl)phenyl)carbamoyl)-4,5-dimethoxyphenyl)quinoline-3-carboxamide			
Structure:			Amount:	
CAS number(s):	206873-63-4			
Molecular Formula:	C38H38N4O6	Molecular Weight:	646.73	
Batch Molecular Formula:	C38H38N4O6.2H2O	Batch Molecular Weight:	682.76	
Appearance:	White solid	Observed mp:	220 °C (decomp)	
TLC (R_f):	0.35	DCM/MeOH (9:1)		
Chemical Purity:	98.4%			
Optical Purity (ee):	N.A.			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 66.85, H 6.20, N 8.21; Found: C 67.14, H 6.07, N 8.20			
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	35.0	51.3	
	EtOH			Not Tested
Remarks:				
QC Date:	8-9-2021			

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