



Certificate of Analysis

Axon Catalogue ID:	1839	Batch Number:	2
Product Name:	LY 335979		
Alternative Name(s):	Zosuquidar trihydrochloride		
IUPAC Name:	(αR)-4-[(1α,6α,10bα)-1,1-Difluoro-1,1a,6,10b-tetrahydrodibenzo[a,e]cyclopropa[c]cyclohepten-6-yl]-α-[(5-quinolinyl)oxy)methyl]-1-piperazineethanol trihydrochloride		
Structure:			Amount:
CAS number:	167465-36-3		
Batch Molecular Formula:	C32H31F2N3O2.3HCl	Batch MW:	636.99
Appearance:	Pale-yellow solid		Observed mp: 212 °C (decomp)
TLC (R_f):	0.61	DCM/MeOH (9:1)	
Chemical Purity:	99.6%		
Optical Purity (ee):			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 60.34 , H 5.38 , N 6.60 Found: C ND , H ND , N ND		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	48.0	75.4
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	63.7	>100 mM
	EtOH		Not Tested
Remarks:			
QC Date:	10-7-2014		

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