



Certificate of Analysis

Axon Catalogue ID:	1930	Batch Number:	1	
Product Name:	AMD 3465 hexahydrobromide			
Alternative Name(s):	N.A.			
IUPAC Name:	N-(4-((1,4,8,11-Tetraazacyclotetradecan-1-yl)methyl)benzyl)-1-(pyridin-2-yl)methanamine hexahydrobromide			
Structure:			Amount:	
			6HBr	
CAS number(s):	185991-24-6 (parent), 185991-07-5 (HBr (1:6))			
Molecular Formula:	C ₂₄ H ₃₈ N ₆ .6HBr	Molecular Weight:	896.07	
Batch Molecular Formula:	C ₂₄ H ₃₈ N ₆ .6HBr.5H ₂ O	Batch Molecular Weight:	986.15	
Appearance:	Off-white solid	Observed mp:	> 195 °C (decomp)	
TLC (R_f):	0	DCM/MeOH/NH ₃ (1:1:0.1)		
Chemical Purity:	>98%			
Optical Purity (ee):	N.A.			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 29.23, H 5.52, N 8.52; Found: C 29.29, H 5.08, N 8.17			
Storage Conditions:	Store at -20 °C			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	48.0	48.7	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	17.0	17.2	
	EtOH			Not Tested
Remarks:	Product is Hygroscopic; keep dry and avoid light			
QC Date:	19-8-2021			

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