



## Certificate of Analysis

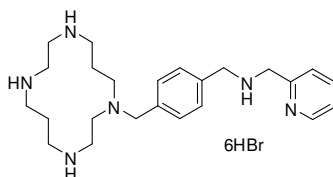
**Axon Catalogue ID:** 1930 **Batch Number:** 3

**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:**

**CAS number(s):** 185991-24-6 (parent), 185991-07-5 (HBr (1:6))

**Molecular Formula:** C<sub>24</sub>H<sub>38</sub>N<sub>6</sub>.6HBr **Molecular Weight:** 896.07

**Batch Molecular Formula:** C<sub>24</sub>H<sub>38</sub>N<sub>6</sub>.6HBr.2H<sub>2</sub>O **Batch Molecular Weight:** 932.10

**Appearance:** Light-pink solid **Observed mp:** 211 - 212 °C

**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH/NH<sub>3</sub> (2:1:0.1)

**Chemical Purity:** 98.0%

**Optical Purity (ee):** N.A.

**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Calculated: C 30.93, H 5.19, N 9.02; Found: C 31.00, H 5.22, N 8.88

**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	93.2	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.0	36.5	
	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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**