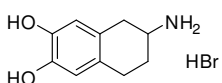




Certificate of Analysis

Axon Catalogue ID: 1045 **Batch Number:** 3
Product Name: 6,7-Dihydroxy-2-aminotetraline hydrobromide
Alternative Name(s): 6,7-ADTN hydrobromide
IUPAC Name: 6-Amino-5,6,7,8-tetrahydro-naphthalene-2,3-diol hydrobromide

Structure:  **Amount:**

CAS number(s): 53463-78-8 (parent), 13575-86-5 (HBr salt (1:1))
Molecular Formula: C₁₀H₁₃NO₂.HBr **Molecular Weight:** 260.13
Batch Molecular Formula: C₁₀H₁₃NO₂.HBr **Batch Molecular Weight:** 260.13
Appearance: Purple solid **Observed mp:** 289.7°C (decomp)
TLC (R_f): 0.1 DCM/MeOH/TEA (9/1/0.1)
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 46.17, H 5.42, N 5.38; Found: C 46.02, H 5.38, N 5.34
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	26.0	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-09-2017

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