



## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1017	<b>Batch Number:</b>	1
<b>Product Name:</b>	(S)-(-)-8-Hydroxy-DPAT hydrobromide		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	(S)-7-(Dipropylamino)-5,6,7,8-tetrahydronaphthalen-1-ol hydrobromide		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	80300-10-3 (parent), 78095-20-2 (HBr (1:1))		
<b>Molecular Formula:</b>	C16H25NO.HBr	<b>Molecular Weight:</b>	328.29
<b>Batch Molecular Formula:</b>	C16H25NO.HBr	<b>Batch Molecular Weight:</b>	328.29
<b>Appearance:</b>	Off-white solid	<b>Observed mp:</b>	>135 °C (foaming)
<b>TLC (R<sub>f</sub>):</b>	0.7	DCM/MeOH (9:1)	
<b>Chemical Purity:</b>	99.1%		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 77.68, H 10.19, N 5.66; Found: C ND, H ND, N ND		
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water		Soluble
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO		Soluble
	EtOH		Not Tested
<b>Remarks:</b>	Hygroscopic		
<b>QC Date:</b>	19-7-2022		

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**