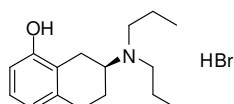


## Certificate of Analysis

**Axon Catalogue ID:** 1017 **Batch Number:** 1  
**Product Name:** (S)-(-)-8-Hydroxy-DPAT hydrobromide  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (S)-7-Dipropylamino-5,6,7,8-tetrahydro-naphthalen-1-ol hydrobromide

**Structure:**



**Amount:**

**CAS number:** 78095-20-2  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>25</sub>NO.HBr **Batch MW:** 328.29  
**Appearance:** Off-white solid **Observed mp:** >135 °C (foaming)  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (9:1)  
**Chemical Purity:** 100%  
**Optical Purity (ee):** >98%  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 77.68 , H 10.19 , N 5.66 Found: C ND , H ND , N ND  
**Storage Conditions:** Store at +4 °C

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

**Remarks:**

**QC Date:** 09-10-2008

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**