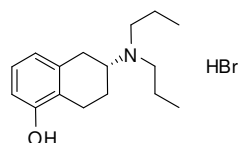




## Certificate of Analysis

**Axon Catalogue ID:** 1007 **Batch Number:** 1  
**Product Name:** (R)-5-hydroxy-DPAT hydrobromide  
**Alternative Name(s):** (R)-5-OH-DPAT  
**IUPAC Name:** (R)-6-Dipropylamino-5,6,7,8-tetrahydro-naphthalen-1-ol hydrobromide

**Structure:**



**Amount:**

**CAS number(s):** 69367-51-7 (parent), 182210-73-7 (HBr (1:1))  
**Molecular Formula:** C<sub>16</sub>H<sub>25</sub>NO.HBr **Molecular Weight:** 328.29  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>25</sub>NO.HBr **Batch Molecular Weight:** 328.29  
**Appearance:** White solid **Observed mp:** ND  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH/NH<sub>3</sub> (9:1:0.01)  
**Chemical Purity:** >98%  
**Optical Purity (ee):** o.p.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 58.54, H 7.98, N 4.27; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	4.0	12.2	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.0	45.7	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 12-06-2008

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**