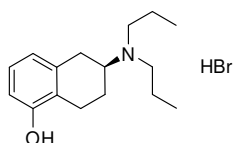




Certificate of Analysis

Axon Catalogue ID: 1008 **Batch Number:** 1
Product Name: (S)-5-Hydroxy-DPAT hydrobromide
Alternative Name(s): (S)-5-OH-DPAT
IUPAC Name: (S)-6-Dipropylamino-5,6,7,8-tetrahydro-naphthalen-1-ol hydrobromide

Structure:



Amount:

CAS number(s): 68643-08-3 (parent), 182210-74-8 (HBr (1:1))
Molecular Formula: C₁₆H₂₅NO.HBr **Molecular Weight:** 328.29
Batch Molecular Formula: C₁₆H₂₅NO.HBr **Batch Molecular Weight:** 328.29
Appearance: Off-white solid **Observed mp:** NA
TLC (R_f): 0.3 DCM/MeOH/NH₃ (9:1:0.01)
Chemical Purity: 100%
Optical Purity (ee): o.p.
¹H-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

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	4.2	12.8	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	14.4	43.9	
	EtOH			Not Tested

Remarks: Potentially hygroscopic

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only