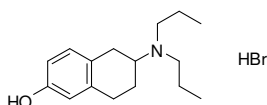




Certificate of Analysis

Axon Catalogue ID: 1009 **Batch Number:** 1
Product Name: 6-Hydroxy-DPAT hydrobromide
Alternative Name(s): 6-OH-DPAT
IUPAC Name: 6-(Dipropylamino)-5,6,7,8-tetrahydronaphthalen-2-ol hydrobromide

Structure:



Amount:

CAS number(s): 75017-01-5 (parent), 76135-29-0 (HBr (1:1))
Molecular Formula: C₁₆H₂₅NO.HBr **Molecular Weight:** 328.29
Batch Molecular Formula: C₁₆H₂₅NO.HBr **Batch Molecular Weight:** 328.29
Appearance: Brown solid **Observed mp:** 190 - 191 °C
TLC (R_f): 0.7 Hex/EtOAc (4:1)
Chemical Purity: >99%
¹H-NMR: 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: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Soluble in water, slight heating required.
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 25-11-2009

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