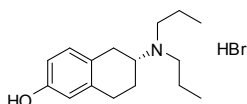




Certificate of Analysis

Axon Catalogue ID: 1010 **Batch Number:** 1
Product Name: (R)-6-Hydroxy-DPAT hydrobromide
Alternative Name(s): (R)-6-OH-DPAT
IUPAC Name: (R)-6-(Dipropylamino)-5,6,7,8-tetrahydronaphthalen-2-ol hydrobromide

Structure:



Amount:

CAS number(s): 502508-84-1 (parent), 1246094-81-4 (HBr)
Molecular Formula: C₁₆H₂₅NO.HBr **Molecular Weight:** 328.29
Batch Molecular Formula: C₁₆H₂₅NO.HBr **Batch Molecular Weight:** 328.29
Appearance: Pale-brown solid **Observed mp:** 189.3 - 190.0 °C
TLC (R_f): 0.51 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
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	10.0	30.5	Soluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	10.0	30.5	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 09-11-2015

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