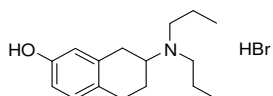




Certificate of Analysis

Axon Catalogue ID: 1012 **Batch Number:** 1
Product Name: 7-Hydroxy-DPAT hydrobromide
Alternative Name(s): 7-OH-DPAT
IUPAC Name: 7-(Dipropylamino)-5,6,7,8-tetrahydronaphthalen-2-ol hydrobromide

Structure:



Amount:

CAS number(s): 74938-11-7 (parent), 76135-30-3 (HBr (1:1))
Molecular Formula: C₁₆H₂₅NO.HBr **Molecular Weight:** 328.29
Batch Molecular Formula: C₁₆H₂₅NO.HBr **Batch Molecular Weight:** 328.29
Appearance: White solid **Observed mp:** 176.9 - 177.9 °C
TLC (R_f): 0.2 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 -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			0
	EtOH			Not Tested

Remarks:

QC Date: 27-7-2018

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