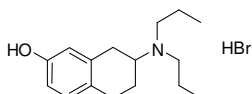




Certificate of Analysis

Axon Catalogue ID: 1012 **Batch Number:** 3
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.0.75H₂O **Batch Molecular Weight:** 341.80
Appearance: Off-white solid **Observed mp:** 175 - 176 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.22, H 8.11, N 4.10; Found: C 56.23, H 7.76, N 4.16
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	34.2	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-8-2018

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