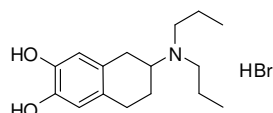




Certificate of Analysis

Axon Catalogue ID: 1005 **Batch Number:** 1
Product Name: TL 232 hydrobromide
Alternative Name(s): 6,7-Dihydroxy-DPAT
IUPAC Name: 6-(Dipropylamino)-5,6,7,8-tetrahydronaphthalene-2,3-diol hydrobromide

Structure:



Amount:

CAS number(s): 66185-60-2 (parent), 62421-17-4 (HBr (1:1))
Molecular Formula: C₁₆H₂₅NO₂.HBr **Molecular Weight:** 344.29
Batch Molecular Formula: C₁₆H₂₅NO₂.HBr **Batch Molecular Weight:** 344.29
Appearance: Grey solid **Observed mp:** 236 - 237 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.82, H 7.61, N 4.07; Found: C ND, H ND, N ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	10.0	29.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 04-03-2019

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