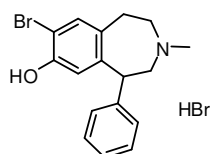




Certificate of Analysis

Axon Catalogue ID: 1236 **Batch Number:** 4
Product Name: SKF 83566 hydrobromide
Alternative Name(s): N.A.
IUPAC Name: 8-Bromo-3-methyl-5-phenyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-ol hydrobromide

Structure:



Amount:

CAS number(s): 99295-33-7 (parent), 108179-91-5 (HBr (1:1))
Molecular Formula: C₁₇H₁₈BrNO.HBr **Molecular Weight:** 413.15
Batch Molecular Formula: C₁₇H₁₈BrNO.HBr.0.5H₂O **Batch Molecular Weight:** 422.15
Appearance: White solid **Observed mp:** 260 - 262 °C (decomp)
TLC (R_f): 0.35 (FB) DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.37, H 4.78, N 3.32; Found: C 48.38, H 4.45, N 3.29
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	11.0	26.1	Sonification and heating required
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	42.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-12-2018

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