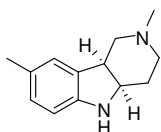




Certificate of Analysis

Axon Catalogue ID: 1467 **Batch Number:** 1
Product Name: Stobadine
Alternative Name(s): N.A.
IUPAC Name: (4aR,9bS)-2,8-Dimethyl-2,3,4,4a,5,9b-hexahydro-1H-pyrido[4,3-b]indole

Structure:



Amount:

CAS number(s): 85202-17-1
Molecular Formula: C₁₃H₁₈N₂ **Molecular Weight:** 202.30
Batch Molecular Formula: C₁₃H₁₈N₂ **Batch Molecular Weight:** 202.30
Appearance: White solid **Observed mp:** 83.6 °C
TLC (R_f): 0.31 THF + 1% TEA
Chemical Purity: 99.8%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.18, H 8.97, N 13.85; Found: C NA, H NA, N NA
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	20.2	99.9	
	DMSO		>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-10-2019

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