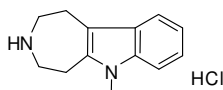




Certificate of Analysis

Axon Catalogue ID: 1247 **Batch Number:** 2
Product Name: PNU 22394 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 6-Methyl-1,2,3,4,5,6-hexahydroazepino[4,5-b]indole hydrochloride

Structure:



Amount:

CAS number(s): 15923-78-1 (parent), 15923-42-9 (HCl (1:1))
Molecular Formula: C₁₃H₁₆N₂.HCl **Molecular Weight:** 236.74
Batch Molecular Formula: C₁₃H₁₆N₂.HCl **Batch Molecular Weight:** 236.74
Appearance: White solid **Observed mp:** 215.5 - 216.5 °C
TLC (R_f): 0.45 DCM/MeOH (4:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.95, H 7.24, N 11.83; Found: C 65.83, H 7.07, N 11.78
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	23.7	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	23.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 07-06-2021

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