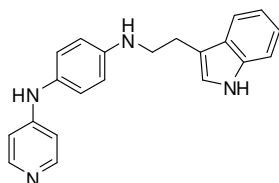


Certificate of Analysis

Axon Catalogue ID: 1538 **Batch Number:** 1
Product Name: JNJ 26854165
Alternative Name(s): Serdemetan
IUPAC Name: N1-(2-(1H-Indol-3-yl)ethyl)-N4-(pyridin-4-yl)benzene-1,4-diamine

Structure:



Amount:

CAS number(s): 881202-45-5
Molecular Formula: C₂₁H₂₀N₄ **Molecular Weight:** 328.41
Batch Molecular Formula: C₂₁H₂₀N₄ **Batch Molecular Weight:** 328.41
Appearance: Pale-tan solid **Observed mp:** 235 °C (decomp)
TLC (R_f): 0.3 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 76.80, H 6.14, N 17.06; Found: C ND, H ND, N ND
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)	12.5	38.1	
	DMSO	15.0	45.7	Warming (40 °C) enhances solubility
	EtOH			Not Tested

Remarks: Contains 0.9% (w.t.) MeOH

QC Date: 03-10-2018

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