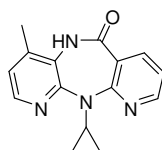


Certificate of Analysis

Axon Catalogue ID: 3124 **Batch Number:** 1
Product Name: Nevirapine
Alternative Name(s): BI-RG-587
IUPAC Name: 11-Cyclopropyl-4-methyl-5H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6(11H)-one

Structure:



Amount:

CAS number(s): 129618-40-2
Molecular Formula: C₁₅H₁₄N₄O **Molecular Weight:** 266.30
Batch Molecular Formula: C₁₅H₁₄N₄O **Batch Molecular Weight:** 266.30
Appearance: White solid **Observed mp:** 248.0 - 249.1 °C
TLC (R_f): 0.71 DCM/MeOH (20:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.65, H 5.30, N 21.04; Found: C 67.95, H 5.23, N 20.82
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.4	57.8	
	EtOH			Not Tested

Remarks:

QC Date: 25-06-2020

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