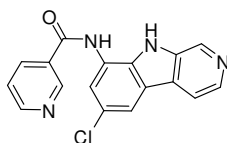




Certificate of Analysis

Axon Catalogue ID: 1568 **Batch Number:** 1
Product Name: PS 1145
Alternative Name(s): N.A.
IUPAC Name: N-(6-Chloro-9H-pyrido[3,4-b]indol-8-yl)nicotinamide

Structure:



Amount:

CAS number(s): 431898-65-6
Molecular Formula: C₁₇H₁₁ClN₄O **Molecular Weight:** 322.75
Batch Molecular Formula: C₁₇H₁₁ClN₄O **Batch Molecular Weight:** 322.75
Appearance: Light-yellow solid **Observed mp:** 264 °C
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.26, H 3.44, N 17.36; 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)			Not Tested
	DMSO	32.0	99.1	
	EtOH			Not Tested

Remarks:

QC Date: 02-07-2019

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