



Certificate of Analysis

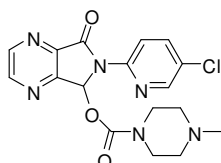
Axon Catalogue ID: 1197 **Batch Number:** 1

Product Name: Zopiclone

Alternative Name(s): N.A.

IUPAC Name: 6-(5-Chloropyridin-2-yl)-7-oxo-6,7-dihydro-5H-pyrrolo[3,4-b]pyrazin-5-yl 4-methylpiperazine-1-carboxylate

Structure:



Amount:

CAS number(s): 43200-80-2

Molecular Formula: C₁₇H₁₇ClN₆O₃ **Molecular Weight:** 388.81

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Appearance: White solid **Observed mp:** 178 °C

TLC (R_f): 0.55 DCM/MeOH (9:1)

Chemical Purity: 99.9%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 52.51, H 4.41, N 21.61; Found: C ND, H ND, N ND

Storage Conditions: Desiccate 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	20.0	51.4	
	EtOH			Not Tested

Remarks:

QC Date: 27-11-2018

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