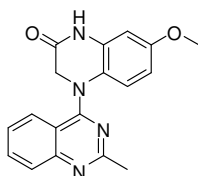




Certificate of Analysis

Axon Catalogue ID: 2816 **Batch Number:** 1
Product Name: WX-132-18B
Alternative Name(s): N.A.
IUPAC Name: 7-Methoxy-4-(2-methylquinazolin-4-yl)-3,4-dihydroquinoxalin-2(1H)-one

Structure:



Amount:

CAS number(s): 1415262-07-5
Molecular Formula: C₁₈H₁₆N₄O₂ **Molecular Weight:** 320.35
Batch Molecular Formula: C₁₈H₁₆N₄O₂ **Batch Molecular Weight:** 320.35
Appearance: Yellow solid **Observed mp:** 242 - 245 °C
TLC (R_f): 0.6 EtOAc
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 67.49, H 5.03, N 17.49; Found: C 67.30, H 4.98, N 17.50
Storage Conditions: Store at -20 °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	5.6	17.5	
	EtOH			Not Tested

Remarks:

QC Date: 11-12-2018

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