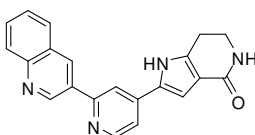




Certificate of Analysis

Axon Catalogue ID: 3440 **Batch Number:** 1
Product Name: MK2 inhibitor III
Alternative Name(s): N.A.
IUPAC Name: 2-(2-(Quinolin-3-yl)pyridin-4-yl)-6,7-dihydro-1H-pyrrolo[3,2-c]pyridin-4(5H)-one

Structure:



Amount:

CAS number(s): 724711-21-1
Molecular Formula: C₂₁H₁₆N₄O **Molecular Weight:** 340.38
Batch Molecular Formula: C₂₁H₁₆N₄O.2.5H₂O **Batch Molecular Weight:** 385.42
Appearance: Yellow solid **Observed mp:** 200 °C (decomp)
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.44, H 5.49, N 14.54; Found: C 65.21, H 5.07, N 14.41
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)	4.9	12.7	
	DMSO	13.3	34.5	
	EtOH			Not Tested

Remarks:

QC Date: 3-8-2021

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