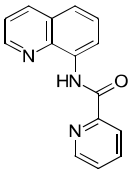




Certificate of Analysis

Axon Catalogue ID:	4312	Batch Number:	1
Product Name:	UM4118		
Alternative Name(s):	N.A.		
IUPAC Name:	N-8-Quinolyl-2-pyridinecarboxamide		
Structure:		Amount:	
CAS number(s):	324530-92-9		
Molecular Formula:	C ₁₅ H ₁₁ N ₃ O	Molecular Weight:	249.27
Batch Molecular Formula:	C ₁₅ H ₁₁ N ₃ O	Batch Molecular Weight:	249.27
Appearance:	Off-white solid	Observed mp:	140 °C (decomp)
TLC (R_f):	0.5	DCM/MeOH (9:1)	
Chemical Purity:	98.4%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 72.28, H 4.45, N 16.86; Found: C 71.87, H 4.36, N 16.92		
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)	0.0	0.0	Insoluble
	DMSO	10.8	43.3	
	EtOH	7.2	28.9	

Remarks:

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