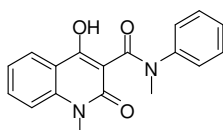




Certificate of Analysis

Axon Catalogue ID: 2868 **Batch Number:** 1
Product Name: Roquinimex
Alternative Name(s): Linomide; FCF 89; LS 2616; ABR 212616; PNU 212616
IUPAC Name: 4-Hydroxy-N,1-dimethyl-2-oxo-N-phenyl-1,2-dihydroquinoline-3-carboxamide

Structure:



Amount:

CAS number(s): 84088-42-6
Molecular Formula: C₁₈H₁₆N₂O₃ **Molecular Weight:** 308.33
Batch Molecular Formula: C₁₈H₁₆N₂O₃ **Batch Molecular Weight:** 308.33
Appearance: White solid **Observed mp:** 205 - 207 °C
TLC (R_f): 0.53 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.12, H 5.23, N 9.09; Found: C 69.90, H 5.14, N 9.12
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)	13.3	43.2	
	0.1N HCl (aq)			Not Tested
	DMSO	30.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 27-07-2018

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