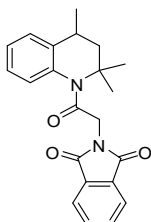




Certificate of Analysis

Axon Catalogue ID: 4193 **Batch Number:** 1
Product Name: ML-SA1
Alternative Name(s): N.A.
IUPAC Name: 2-(2-Oxo-2-(2,2,4-trimethyl-3,4-dihydroquinolin-1(2H)-yl)ethyl)isoindolin-1,3-dione

Structure:



Amount:

CAS number(s): 332382-54-4
Molecular Formula: C₂₂H₂₂N₂O₃ **Molecular Weight:** 362.42
Batch Molecular Formula: C₂₂H₂₂N₂O₃ **Batch Molecular Weight:** 362.42
Appearance: Yellow solid **Observed mp:** 150 °C
TLC (R_f): 0.5 Hex/EtOAc (4:1)
Chemical Purity: 98.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.91, H 6.12, N 7.73; Found: C 72.75, H 6.04, N 7.68
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	4.2	11.6	
	EtOH	2.7	7.4	

Remarks:

QC Date: 25/09/2024

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