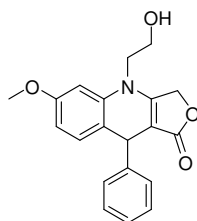


Certificate of Analysis

Axon Catalogue ID: 2393 **Batch Number:** 1
Product Name: NSC 756093
Alternative Name(s): N.A.
IUPAC Name: 4-(2-Hydroxyethyl)-6-methoxy-9-phenyl-4,9-dihydrofuro[3,4-b]quinolin-1(3H)-one

Structure:



Amount:

CAS number(s): 1629908-92-4
Molecular Formula: C₂₀H₁₉NO₄ **Molecular Weight:** 337.37
Batch Molecular Formula: C₂₀H₁₉NO₄ **Batch Molecular Weight:** 337.37
Appearance: Off-white solid **Observed mp:** >175 °C (decomp)
TLC (R_f): 0.65 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.20, H 5.68, N 4.15; Found: C 71.03, H 5.68, N 4.18
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)			Not Tested
	DMSO	33.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 03-06-2020

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