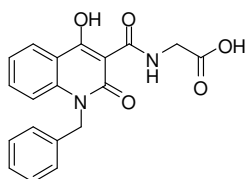




Certificate of Analysis

Axon Catalogue ID: 1921 **Batch Number:** 1
Product Name: IOX2
Alternative Name(s): N.A.
IUPAC Name: 2-(1-Benzyl-4-hydroxy-2-oxo-1,2-dihydroquinoline-3-carboxamido)acetic acid

Structure:



Amount:

CAS number(s): 931398-72-0
Molecular Formula: C₁₉H₁₆N₂O₅ **Molecular Weight:** 352.34
Batch Molecular Formula: C₁₉H₁₆N₂O₅ **Batch Molecular Weight:** 352.34
Appearance: Off-white solid **Observed mp:** 237 - 238 °C
TLC (R_f): 0.5 DCM/MeOH (4:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.77, H 4.58, N 7.95; Found: C 64.53, H 4.40, N 7.96
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	35.2	>100 mM	
	EtOH			Not Tested

Remarks: Insoluble in water; dissolves when base (0.1 N NaOH) is added.

QC Date: 14-01-2020

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