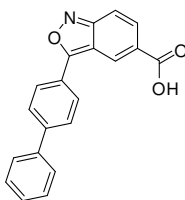




Certificate of Analysis

Axon Catalogue ID: 3678 **Batch Number:** 1
Product Name: UNC7467
Alternative Name(s): N.A.
IUPAC Name: 3-(Biphenyl-4-yl)benzo[c]isoxazole-5-carboxylic acid

Structure:



Amount:

CAS number(s): 2922283-43-8
Molecular Formula: C₂₀H₁₃NO₃ **Molecular Weight:** 315.32
Batch Molecular Formula: C₂₀H₁₃NO₃·0.5H₂O **Batch Molecular Weight:** 324.33
Appearance: Yellow solid **Observed mp:** >275 °C
TLC (R_f): 0.4 DCM/MeOH (4:1)
Chemical Purity: 98.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.06, H 4.35, N 4.32; Found: C 74.47, H 4.10, N 4.68
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	13.3	41.0	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 20-11-2023

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