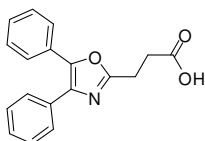




Certificate of Analysis

Axon Catalogue ID: 3818 **Batch Number:** 1
Product Name: Oxaprozin
Alternative Name(s): WY21743; Oxaprozinum
IUPAC Name: 3-(4,5-Diphenyloxazol-2-yl)propanoic acid

Structure:



Amount:

CAS number(s): 21256-18-8
Molecular Formula: C₁₈H₁₅NO₃ **Molecular Weight:** 293.32
Batch Molecular Formula: C₁₈H₁₅NO₃ **Batch Molecular Weight:** 293.32
Appearance: White solid **Observed mp:** 161.7 - 163.9 °C
TLC (R_f): 0.52 DCM/MeOH (9:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 73.71, H 5.15, N 4.78; Found: C 73.63, H 5.14, N 4.77
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)	13.6	46.4	
	0.1N HCl (aq)			Not Tested
	DMSO	29.3	>100 mM	
	EtOH	11.2	38.2	

Remarks:

QC Date: 8-3-2023

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