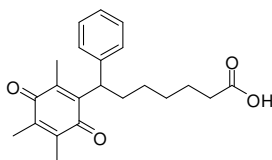




Certificate of Analysis

Axon Catalogue ID: 1447 **Batch Number:** 1
Product Name: Seratrodast
Alternative Name(s): AA 2414
IUPAC Name: 7-Phenyl-7-(2,4,5-trimethyl-3,6-dioxocyclohexa-1,4-dienyl)heptanoic acid

Structure:



Amount: 100 mg

Packed as: 2 x 50 mg

CAS number(s): 112665-43-7
Molecular Formula: C₂₂H₂₆O₄ **Molecular Weight:** 354.44
Batch Molecular Formula: C₂₂H₂₆O₄ **Batch Molecular Weight:** 354.44
Appearance: Yellow solid **Observed mp:** 127.4 - 130.3 °C
TLC (R_f): 0.83 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.55, H 7.39, N -; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	20.6	58.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-5-2021

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