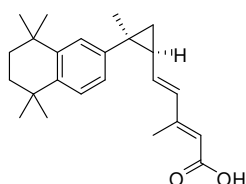




Certificate of Analysis

Axon Catalogue ID: 2408 **Batch Number:** 1
Product Name: NRX 194204
Alternative Name(s): IRX4204; NRX 4204; VTP 194204; AGN 194204
IUPAC Name: (2E,4E)-3-Methyl-5-((1S,2S)-2-methyl-2-(5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalen-2-yl)cyclopropyl)penta-2,4-dienoic acid

Structure:



Amount:

CAS number(s): 220619-73-8
Molecular Formula: C₂₄H₃₂O₂ **Molecular Weight:** 352.51
Batch Molecular Formula: C₂₄H₃₂O₂ **Batch Molecular Weight:** 352.51
Appearance: White solid **Observed mp:** 131.4 - 135.7 °C
TLC (R_f): 0.75 DCM/MeOH (20:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 81.77, H 9.15, N -; Found: C 81.63, H 9.16, N <0.10
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	35.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 01-04-2020

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