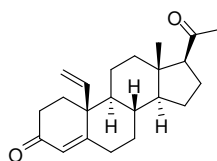




Certificate of Analysis

Axon Catalogue ID: 2085 **Batch Number:** 1
Product Name: Org OD-02-0
Alternative Name(s): 19-CH2P4
IUPAC Name: (8S,9S,10S,13S,14S,17S)-17-Acetyl-13-methyl-10-vinyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3(2H)-one

Structure:



Amount:

CAS number(s): 13258-85-0
Molecular Formula: C₂₂H₃₀O₂ **Molecular Weight:** 326.47
Batch Molecular Formula: C₂₂H₃₀O₂ **Batch Molecular Weight:** 326.47
Appearance: White solid **Observed mp:** 135 °C
TLC (R_f): 0.48 Hex/EtOAc (1:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 80.94, H 9.26, N 0.00; Found: C 81.14, H 9.58, N <0.10
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	24.0	73.5	
	EtOH			Not Tested

Remarks:

QC Date: 07-03-2019

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