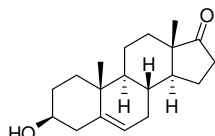




Certificate of Analysis

Axon Catalogue ID:	3322	Batch Number:	1
Product Name:	Dehydroepiandrosterone		
Alternative Name(s):	DHEA		
IUPAC Name:	(3S,8R,9S,10R,13S,14S)-3-Hydroxy-10,13-dimethyl-3,4,7,8,9,10,11,12,13,14,15,16-dodecahydro-1H-cyclopenta[a]phenanthren-17(2H)-one		
Structure:			Amount:
CAS number(s):	53-43-0		
Molecular Formula:	C19H28O2	Molecular Weight:	288.42
Batch Molecular Formula:	C19H28O2	Batch Molecular Weight:	288.42
Appearance:	White solid	Observed mp:	150.8 - 151.8 °C
TLC (R _f):	0.8	DCM/MeOH (9:1)	
Chemical Purity:	100%		
Optical Purity (ee):	Optically pure		
¹ H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 79.12, H 9.78, N 0.00; Found: C 79.04, H 10.22, 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	28.8	>100 mM
	EtOH		Not Tested
Remarks:			
QC Date:	04-06-2021		

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