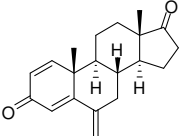




Certificate of Analysis

Axon Catalogue ID:	2045	Batch Number:	1
Product Name:	Exemestane		
Alternative Name(s):	Aromasin		
IUPAC Name:	(8R,10R,13S)-10,13-Dimethyl-6-methylene-7,8,9,10,11,12,13,14,15,16-decahydro-3H-cyclopenta[a]phenanthrene-3,17(6H)-dione		
Structure:			Amount:
CAS number(s):	107868-30-4		
Molecular Formula:	C20H24O2	Molecular Weight:	296.40
Batch Molecular Formula:	C20H24O2.0.125H2O	Batch Molecular Weight:	298.66
Appearance:	Light-yellow solid	Observed mp:	181.7 - 183.6 °C
TLC (R_f):	0.77	DCM/MeOH (9:1)	
Chemical Purity:	98.0%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 80.43, H 8.18, N 0.00; Found: C 80.55, H 8.15, N <0.10		
Storage Conditions:	Store at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	29.9	>100 mM
	EtOH	27.0	90.4
Remarks:			
QC Date:	12-1-2023		

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