



Certificate of Analysis

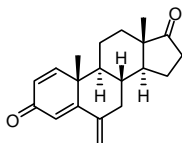
Axon Catalogue ID: 2045 **Batch Number:** 1

Product Name: Exemestane

Alternative Name(s): Aromasin

IUPAC Name: (8R,9S,10R,13S,14S)-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: 107868-30-4 **MW:** 296.40

Batch Molecular Formula: C₂₀H₂₄O₂·0.125H₂O **Batch MW:** 298.65

Appearance: Light-yellow solid

TLC (R_f): 0.77 DCM/MeOH (9:1)

Chemical Purity: 98.4%

Optical Purity (ee): Optically pure

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at -20°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	29.6	>100 mM	
	EtOH	27.0	90.4	

Remarks:

QC Date: 3/26/2013

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only