



## Certificate of Analysis

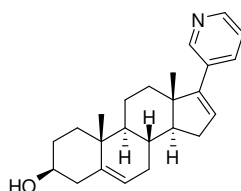
**Axon Catalogue ID:** 1873 **Batch Number:** 1

**Product Name:** Abiraterone

**Alternative Name(s):** CB 7598

**IUPAC Name:** (3S,8R,9S,10R,13S,14S)-10,13-Dimethyl-17-(pyridin-3-yl)-2,3,4,7,8,9,10,11,12,13,14,15-dodecahydro-1H-cyclopenta[a]phenanthren-3-ol

**Structure:**



**Amount:**

**CAS number(s):** 154229-19-3

**Molecular Formula:** C<sub>24</sub>H<sub>31</sub>NO **Molecular Weight:** 349.51

**Batch Molecular Formula:** C<sub>24</sub>H<sub>31</sub>NO **Batch Molecular Weight:** 349.51

**Appearance:** White solid **Observed mp:** 219 - 226 °C

**TLC (R<sub>f</sub>):** 0.65 DCM/MeOH (9:1)

**Chemical Purity:** 99.4%

**Optical Purity (ee):** N.A.

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Calculated: C 82.47, H 8.94, N 4.01; Found: C 82.28, H 9.18, N 4.19

**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	1.1	3.2	Insoluble
	EtOH	2.0	5.7	

**Remarks:** Sonification and warming (40°C) can help to dissolve the sample.

**QC Date:** 12-07-2018

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**