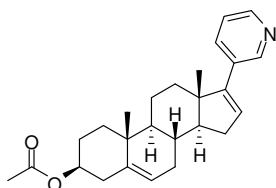


## Certificate of Analysis

**Axon Catalogue ID:** 1874 **Batch Number:** 1  
**Product Name:** Abiraterone acetate  
**Alternative Name(s):** CB 7630; JNJ 212082  
**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-yl acetate

**Structure:**



**Amount:**

**CAS number(s):** 154229-18-2  
**Molecular Formula:** C<sub>26</sub>H<sub>33</sub>NO<sub>2</sub> **Molecular Weight:** 391.55  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>33</sub>NO<sub>2</sub> **Batch Molecular Weight:** 391.55  
**Appearance:** White solid **Observed mp:** 145 - 147 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.7%  
**Optical Purity (ee):** Optical pure  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 79.76, H 8.50, N 3.58; Found: C 79.73, H 8.67, N 3.78  
**Storage Conditions:** Desiccate 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	2.9	Insoluble
	EtOH	5.2	13.3	

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

**QC Date:** 31-01-2019

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

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