



## CERTIFICATE OF ANALYSIS



Date: 03-02-2026

Product Name	Abiraterone Impurity 1		
Chemical Name	(3S,8R,9S,10R,13S,14S)-10,13-Dimethyl-17-oxo-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-3-yl acetate		
Structure	<p>The chemical structure is a steroid derivative. It features a cyclopenta[a]phenanthrene core with a ketone group at position 17. There are two methyl groups at positions 10 and 13. The side chain at position 3 is an acetate group (-CH<sub>2</sub>COO-). The stereochemistry is indicated by wedges and dashes: a wedge at C3, a dash at C4, a wedge at C7, a dash at C8, a wedge at C9, a dash at C10, a wedge at C11, a dash at C12, a wedge at C13, a dash at C14, a wedge at C15, a dash at C16, and a wedge at C17.</p>		
Batch No.	-	CAS No.	853-23-6
Analysis Date	-	Retest Date	5
Mol. Formula	NAC <sub>21</sub> H <sub>30</sub> O <sub>3</sub>	Molecular Wt.	330.5
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note:** This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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