

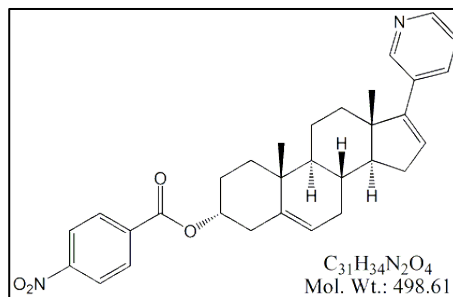
Analysis Date: 30-12-2025

Re-test Date: 30-12-2028

## ABIRATERONE 3-NITROBENZOATE IMPURITY

### Identification

Chemical Name	: 1 (3R,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 4-nitrobenzoate
CAT No	: ALL-A07006
CAS No	: N.A.
Molecular Formula	: C <sub>31</sub> H <sub>34</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight	: 498.61



### Analytical Information

Batch No	: ALL-A07006	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.20 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 <sup>0</sup> C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.635 %	<sup>1</sup> H NMR	: Confirm
Residue Of Ignition	: 0.175 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.635 + 0.175) \times 98.00] / 100 = 97.20 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

### Corporate Office

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