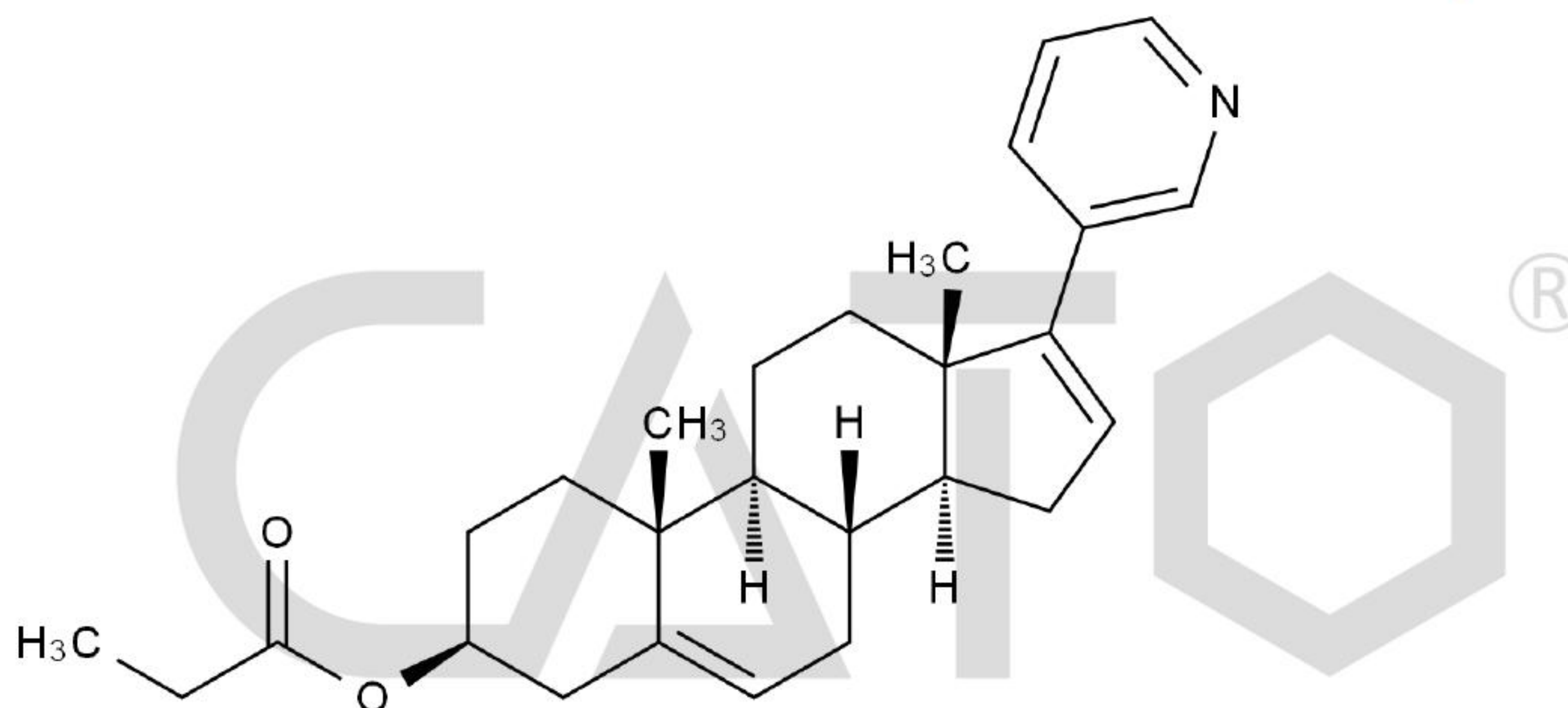


Certificate of Analysis

Reference Material & Standard

Product Name:	Abiraterone Impurity 21	Catalogue Number:	C4X-107021
Synonyms:	17-(Pyridin-3-yl)androsta-5,16-dien-3 β -yl propionate	Lot Number:	0611-RH-0123
CAS Number:	1620323-43-4	Expiry Date:	Jun 25, 2030
Molecular Formula:	C ₂₇ H ₃₅ NO ₂	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	405.57	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.756%
Residue on Ignition	TGA	0.3769%
Loss on Drying	TGA	0.2192%
Assay	qNMR	97.6%
Assay	Mass Balance	98.2%

Comment:

- The retest date of this product is Jun 25, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026

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