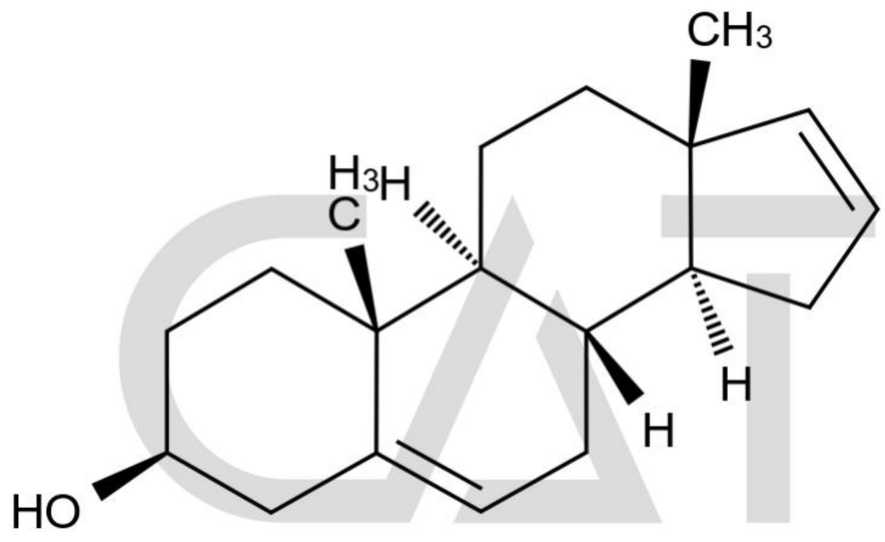
Certificate of Analysis

Reference Material & Standard

Product Name:	5, 16-ANDROSTADIEN-3β-OL	**Catalogue Number:**	C1137923
Synonyms:	N/A	**Lot Number:**	1105-RH-0017
CAS Number:	1224-94-8	**Expiry Date:**	May 27, 2030
Molecular Formula:	$C_{19}H_{28}O$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	272.43	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.15%
Loss on Drying	TGA	0.2424%
Assay	Mass Balance	98.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Reviewed by: Approved by General Manager:

CATO Research Chemicals Inc.

Date: Nov 10, 2026 Date: Nov 10, 2026 Date: Nov 10, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SGS

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