

Certificate of Analysis

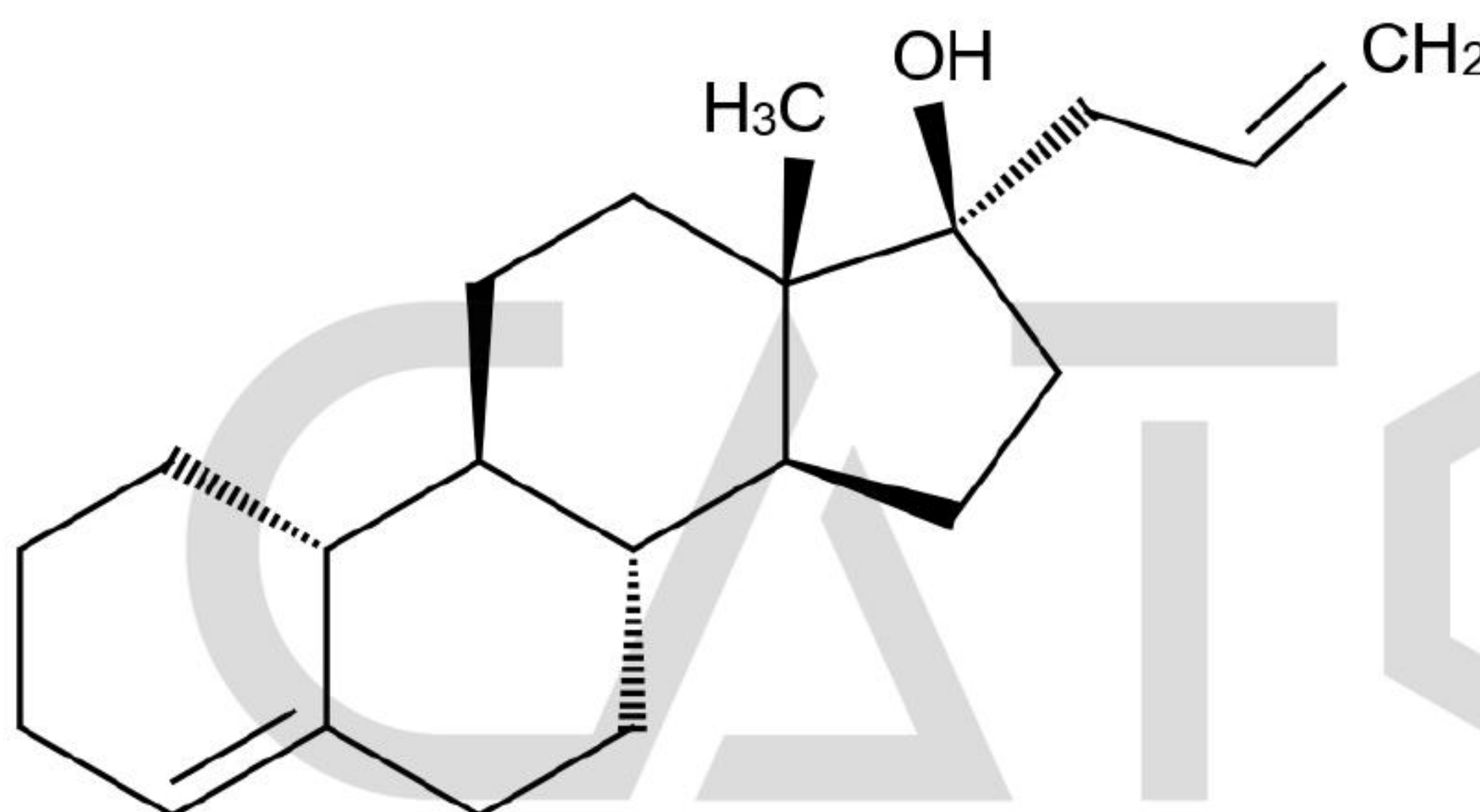
Reference Material & Standard

Product Name:	Allylestrenol	Catalogue Number:	CS336101
Synonyms:	N/A	Lot Number:	0212-RH-0012
CAS Number:	432-60-0	Expiry Date:	Feb 26, 2030
Molecular Formula:	C ₂₁ H ₃₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	300.48	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.829%
Residue on Ignition	TGA	0.2887%
Loss On Drying	TGA	0.0318%
Assay		98.5%
Uncertainty		±0.2%

Comment:

- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity GC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying are considered as absolute effect, GC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 27, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

