

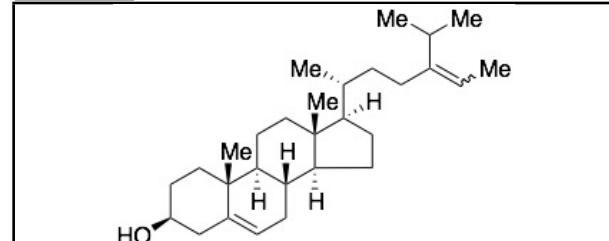
# CERTIFICATE OF ANALYSIS

## 1. Identification

Catalogue Number A794820 Lot Number 6-QQS-84-2

Product Name  
Δ5-Avenasterol (E/Z mixture)

### Structure



### Synonyms

(3β)-Stigmasta-5,24(28)-dien-3-ol; Stigmasta-5,24(28)-dien-3β-ol; 24(28)-Ethylidenecholest-5-en-3β-ol; 24-Ethylcholest-5,24(28)-dien-3β-ol; 24-Ethylidenecholest-5-en-3β-ol; 24-Ethylidenecholesterol; Stigmasta-5,24(28)-dien-3-ol; Δ5-Avenasterin; Δ5-Avenosterol

### CAS Number

18472-36-1

### Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>29</sub>H<sub>48</sub>O

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C

### Molecular Weight

412.69

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
GC Purity	>95%	97.99%
MS	Conforms to Structure	Conforms

## Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
 Nicole Yip Product Quality Specialist	 Toni Rantanen Manager, Quality Assurance	 Chanell Chu Quality Assurance Associate	12/2/2024	11/30/2028