

1. Identification

Catalogue Number

B676850

Lot Number

2-JED-70-1

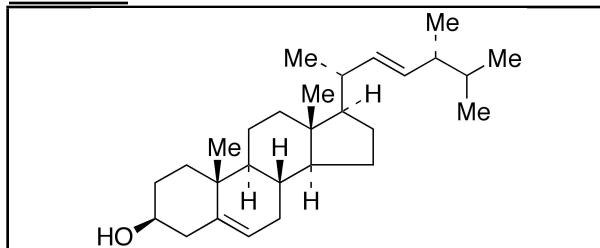
Product Name

Brassicasterol

Synonyms

(3?,22E)-Ergosta-5,22-dien-3?-ol; Ergosta-5,22-dien-3?-ol; 24(R)-Methylcholesta-5,22E-dien-3?-ol; 24-Methylcholesta-5,22-dien-3?-ol; Brassicasterin; Ergosta-5,22(E)-dien-3?-ol; ?5,22-Ergostadien-3?-ol; ?5,22-Ergostadienol;

Structure



CAS Number

474-67-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₈H₄₆O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

398.66

Purity

97%

2. Warnings

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 82.68, %H: 11.67

HPLC Purity

Report Result

97.21% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-55.6° (c = 0.2, Chloroform)

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 ± 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

Reviewed by



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

8/29/2022

Retest Date

8/27/2026