

1. Identification

Catalogue Number

TRC-A777415

Lot Number

13-MMH-98-2

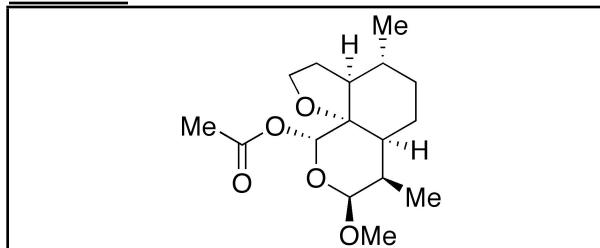
Product Name

Artemether Tetrahydrofuran Acetate

Synonyms

(3aS,4R,6aS,7R,8S,10R,10aR)-Octahydro-8-methoxy-4,7-dimethyl-2H,10H-furo[3,2-i][2]benzopyran-10-ol 10-Acetate, ; [3aS-(3α,4α,6α,7β,8β,10α,10aS*)]-Octahydro-8-methoxy-4,7-dimethyl-2H,10H-furo[3,2-i][2]benzopyran-10-ol Acetate; Artemether Ph. Int. Impurity C

Structure



CAS Number

181528-64-3

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₂₆O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

298.37

Purity

98%

2. Warnings

Hygroscopic

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: 64.17, %H: 9.17

GC

>95%

99.21%

MS

Conforms to Structure

Conforms

Additional Information

Elemental Analysis: (Theoretical) %C: 64.41, %H: 8.78

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



My Nguyen

Quality Assurance Associate

Test Date

8/7/2020

Retest Date

8/5/2024