

1. Identification

Catalogue Number

TRC-M340840

Lot Number

9-CNN-31-3

Product Name

Mexrenone

Synonyms

Spiro[17H-cyclopenta[a]phenanthrene-17,2'(5'H)-furan], pregn-4-ene-7,21-dicarboxylic acid deriv.; 17-Hydroxy-3-oxo-17 α -pregn-4-ene-7 α ,21-dicarboxylic acid methyl ester γ -lactone; 17-Hydroxy-7 α -(methoxycarbonyl)-3-oxo-17 α -pregn-4-ene-21-carboxylic acid lactone; 7 α -(Methoxycarbonyl) canrenone; Mexrenone; SC 25152; ZK 32055; Eplerenone EP Impurity G

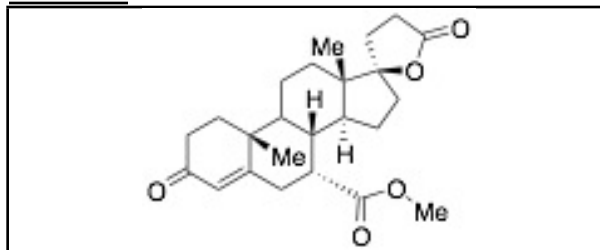
CAS Number

41020-65-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₄H₃₂O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

400.51

Purity

97%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Yellow Solid

Results

Pale Yellow to Light Yellow Solid

Melting Point

Report Result

192 - 195°C

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 70.93, %H: 7.88

HPLC Purity

Report Result

98.91%

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+33.3° (c = 0.4, Chloroform)

Additional Information

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

Reviewed by

Xue Jing Zheng

Reviewed by

Philip Chan

C of A Approved by

My Nguyen

Test Date

10/1/2018

Retest Date

9/29/2022