



CERTIFICATE OF ANALYSIS

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1. Identification

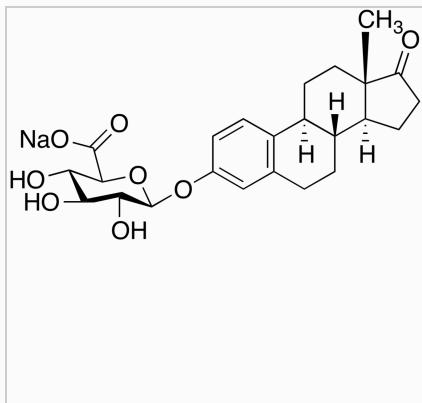
Catalogue Number: E889055

CAS Number: 15087-01-1

Product: Estrone b-D-Glucuronide Sodium Salt (>97% by HPLC)

Synonym: 17-Oxoestra-1,3,5(10)-trien-3-yl β -D-Glucopyranosiduronate Sodium; Estrone β -Glucuronide Sodium; Estrone 3-Glucuronide Sodium; Estrone Glucosiduronate Sodium; Estrone Glucuronide Sodium; Estrone Monoglucuronide Sodium; Sodium Estrone Glucuronide;

Structure:



Molecular Formula:

C₂₄H₂₉NaO₈

Molecular weight:

468.47

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Heated, Sonicated), Water (Slightly)

Lot Number: 1-WEN-122-7

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Pale Brown Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.11, %H: 6.31

Water Content

Report Result

~3.9% based on Elemental Analysis

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

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Nicole Yip

Toni Rantanen

Christina Gouliaras

12/21/2021

12/19/2028