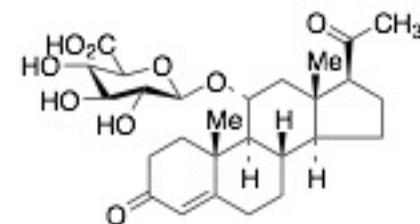


**CERTIFICATE OF ANALYSIS****1. Identification**

Catalogue Number H952345      Lot Number 2023-GHZ-234

Product Name  
11a-Hydroxy Progesterone b-D-Glucuronide

StructureSynonyms

(11a)-3,20-Dioxopregn-4-en-11-yl  $\beta$ -D-Glucopyranosiduronic Acid; 11a-Glucuronylprogesterone; 11a-Hydroxyprogesterone 11-Glucuronide;

CAS Number

77710-64-6

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{27}H_{38}O_9$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

506.59

Purity

&gt;95%

**2. Warnings**

Hygroscopic

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 61.34, %H: 7.41
HPLC Purity	>95%	98.74% (245 nm)
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>
			11/14/2023	11/12/2027

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