

1. Identification

Catalogue Number

D448965

Lot Number

38-AZC-83-1

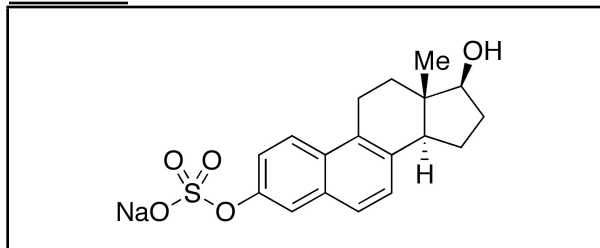
Product Name

17β-Dihydro Equilenin 3-Sulfate Sodium Salt (Stabilized with TRIS, 50% w/w)

Synonyms

(17β)-Estra-1,3,5,7,9-pentaene-3,17-diol 3-(Hydrogen Sulfate) Sodium Salt; 17β-Dihydroequilenin Sodium Sulfate;

Structure



CAS Number

16680-50-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₁₉NaO₅S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

370.4

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.57, %H: 7.18, %N: 5.31
HPLC Purity	Report Result	98.97% (235 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	3.12% by Ion Chromatography
Specific Rotation	Report Result	+19.0° (c = 0.1, Methanol)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			5/15/2023	5/13/2027
Henry Tieu	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		