



CERTIFICATE OF ANALYSIS

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1. Identification

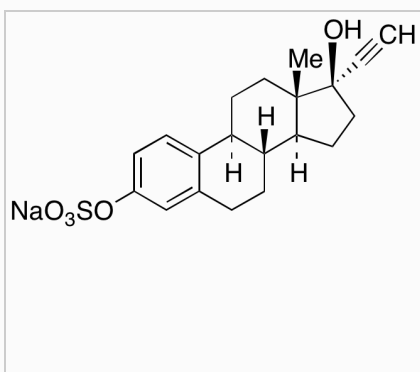
Catalogue Number: E685115

CAS Number: 724762-79-2

Product: Ethynyl Estradiol 3-Sulfate Sodium Salt

Synonym: (17 α)-19-Norpregna-1,3,5(10)-trien-20-yne-3,17-diol 3-(Hydrogen Sulfate) Sodium Salt; 17 α -Ethynylestradiol 3-Sulfate; Ethynylestradiol Sulfate Sodium Salt;

Structure:



Molecular Formula:

C₂₀H₂₃NaO₅S

Molecular weight:

398.45

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 9-VEK-75-4

Purity: 95%

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 Orange Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 55.02, %H: 6.09
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	96.93% (200 nm)
Water Content	Report Result	6.2% by Karl Fischer

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
Evan Burns	Toni Rantanen	Chanell Chu	6/3/2021	6/1/2025