

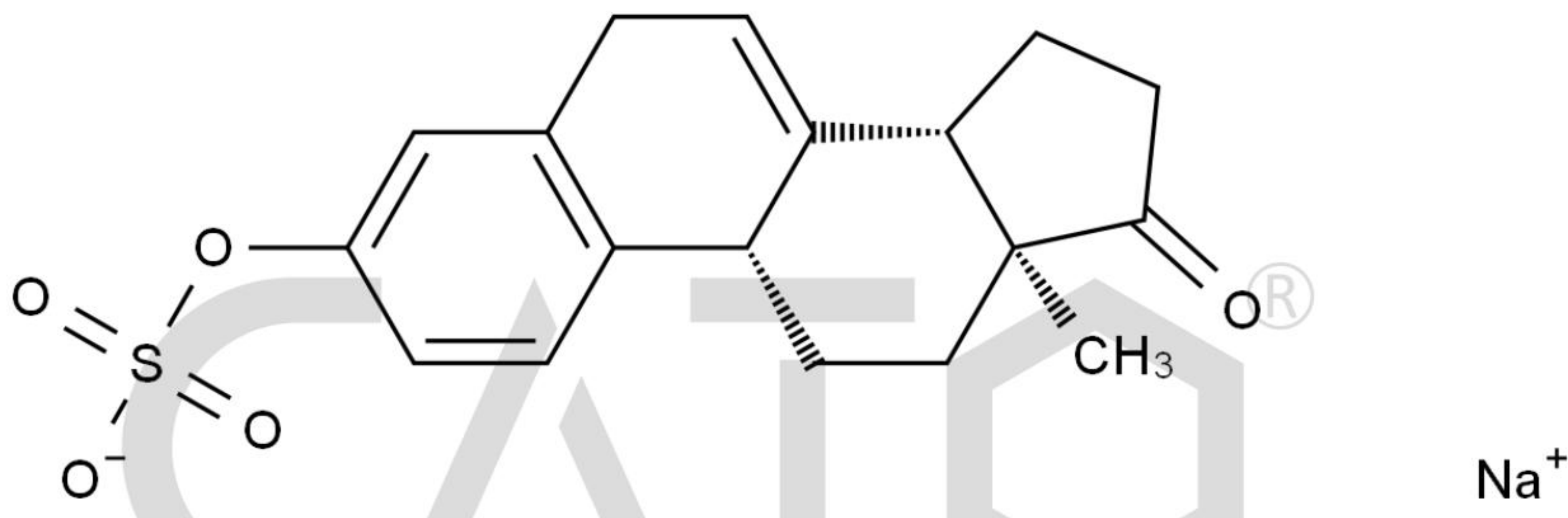
Certificate of Analysis

Reference Material & Standard

Product Name:	Equilin 3-Sulfate Sodium Salt	Catalogue Number:	CCAD301019
Synonyms:	N/A	Lot Number:	0623-RG-0009
CAS Number:	16680-47-0	Expiry Date:	Dec 17, 2026
Molecular Formula:	C ₁₈ H ₁₉ O ₅ S Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.41 22.99	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.0%
Assay	qNMR	95.2%
Uncertainty		±0.9%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Jun 24, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

