



CERTIFICATE OF ANALYSIS

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1. Identification

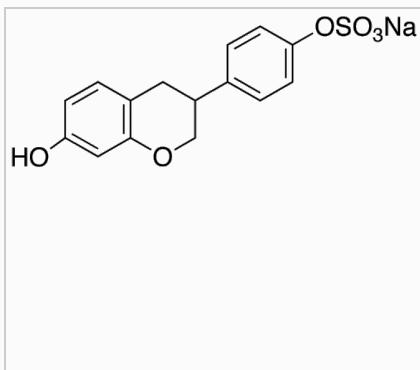
Catalogue Number: E593015

CAS Number: 1189685-28-6

Product: (R,S)-Equol 4'-Sulfate Sodium Salt (90%)

Synonym: 3,4-Dihydro-3-[4-(sulfooxy)phenyl]-2H-1-benzopyran-7-ol Sodium Salt;

Structure:



Molecular Formula:

C₁₅H₁₃NaO₆S

Molecular weight:

344.31

Source of Product:

Synthetic

Solubility:

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

Lot Number: 2-DPT-41-2

Purity: 90%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Beige Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.96, %H: 3.97
HPLC Purity	Report Result	94.07% (205 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	7.92% by Ion Chromatography

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	11/2/2022	10/31/2026