



CERTIFICATE OF ANALYSIS

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1. Identification

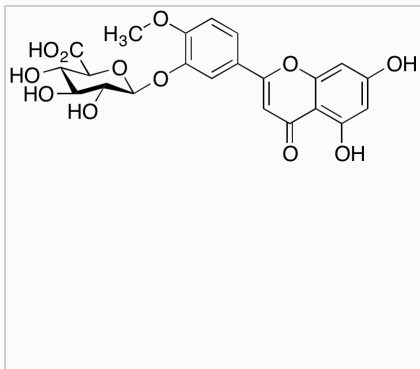
Catalogue Number: D485015

CAS Number: 152503-50-9

Product: Diosmetin 3-O-b-D-Glucuronide

Synonym: 5-(5,7-Dihydroxy-4-oxo-4H-1-benzopyran-2-yl)-2-methoxyphenyl-β-D-Glucofuranosiduronic Acid

Structure:



Molecular Formula:

C₂₂H₂₀O₁₂

Molecular weight:

476.39

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-NKR-068

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	Pale Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.61, %H: 4.51
HPLC Purity	Report Result	96.37% (210 nm)
Specific Rotation	Report Result	-106.4° (c = 0.2, DMSO)

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

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Christina Gouliaras

Test Date

8/17/2023

Retest Date

8/15/2027