



CERTIFICATE OF ANALYSIS

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1. Identification

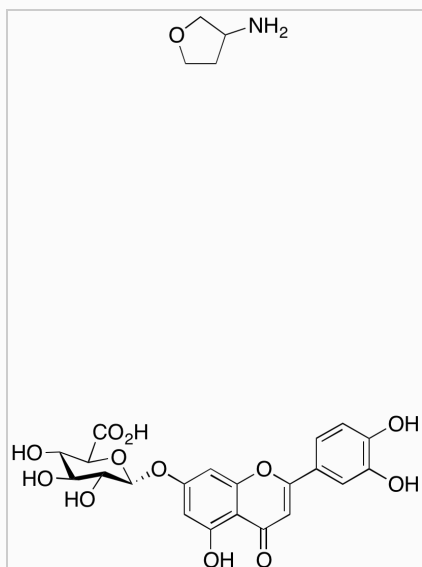
Catalogue Number: L475510

CAS Number: 29741-10-4

Product: Luteolin- 7-O-Glucuronide

Synonym: Cyanidenon-7-O-β-D-glucuronic Acid; Luteolin 7-O-Glucuronide; Luteolin 7-O-β-D-Glucuronide; Luteolin 7-O-β-D-Glucuronopyranoside; Luteolin 7-O-β-Glucuronide; Luteolin 7-O-β-Glucuronopyranoside; Luteolin 7-Glucuronide;

Structure:



Molecular Formula:

C₂₁H₁₈O₁₂

Molecular weight:

462.36

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711862487-1-4

Purity: 98%

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
Elemental Analysis	Conforms	%C: 50.18, %H: 4.45
HPLC Purity	Report Result	99.02% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-65.0° (c = 0.1, 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

Meenakshi Sharma



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

10/25/2023

Retest Date

10/23/2027