



CERTIFICATE OF ANALYSIS

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1. Identification

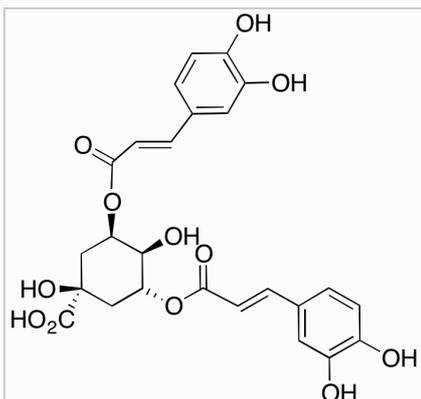
Catalogue Number: I789710

CAS Number: 2450-53-5

Product: Isochlorogenic Acid A

Synonym: Quinic Acid 3,5-di-O-Caffeate; 3,4-Dihydroxycinnamic Acid 5-Carboxy-2,5-dihydroxy-1,3-cyclohexylene Ester;

Structure:



Molecular Formula:

$C_{25}H_{24}O_{12}$

Molecular weight:

516.45

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-KAA-191-1

Purity: 97%

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:
Elemental Analysis	Conforms	%C: 53.22, %H: 4.99
HPLC Purity	Report Result	96.19% (220 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	Off-White to Pale Yellow Solid	Pale Yellow Solid
Water Content	Report Result	7.1% by Karl Fischer

Additional Information: Contains: ~3.2% Acetic Acid

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
Nicole Yip	Toni Rantanen	Chanell Chu	10/28/2021	10/26/2025