



CERTIFICATE OF ANALYSIS

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1. Identification

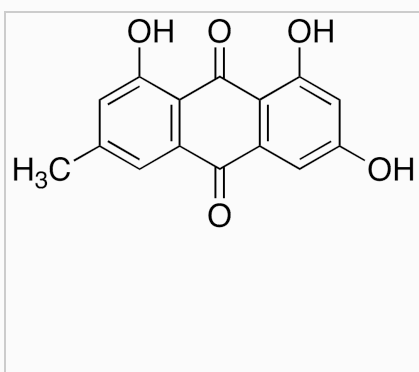
Catalogue Number: E523000

CAS Number: 518-82-1

Product: Emodin

Synonym: 1,3,8-Trihydroxy-6-methyl-9,10-anthracenedione; 1,6,8-Trihydroxy-3-methylantraquinone; 4,5,7-Trihydroxy-2-methylantraquinone; Archin; Emodin; Emolol; Frangula Emodin; Frangulic Acid; NSC 408120; NSC 622947; Rheum Emodin; Schuttgelb;

Structure:



Molecular Formula:

C₁₅H₁₀O₅

Molecular weight:

270.24

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-URV-125-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Orange to Dark Orange Solid	Orange to Dark Orange Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.76% (225 nm)

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 $\pm 2\%$. 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
Neha Khanna	Toni Rantanen	Chanell Chu	6/2/2023	5/31/2027