



CERTIFICATE OF ANALYSIS

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1. Identification

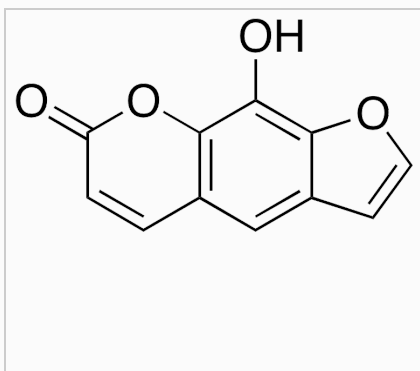
Catalogue Number: X742500

CAS Number: 2009-24-7

Product: Xanthotoxol

Synonym: 9-Hydroxy-7H-furo[3,2-g][1]benzopyran-7-one; 6,7-Dihydroxy-5-benzofuranacrylic Acid δ -Lactone; 3-(6,7-Dihydroxy-5-benzofuranyl)-2-propenoic Acid δ -Lactone; 8-Hydroxypsoralen; NSC 401269;

Structure:



Molecular Formula:

C₁₁H₆O₄

Molecular weight:

202.16

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 12-GHZ-143-1

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	Light Beige to Very Dark Green Solid	Light Beige to Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 64.31, %H: 2.64
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	94.20% (250 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 65.35, %H: 2.99

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
Eric Beaton	Toni Rantanen	My Nguyen	11/18/2020	11/16/2027