



CERTIFICATE OF ANALYSIS

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1. Identification

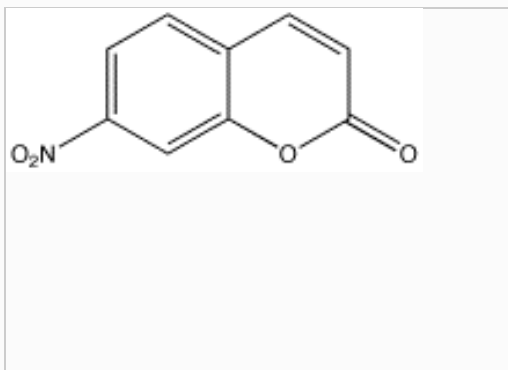
Catalogue Number: N495840

CAS Number: 19063-58-2

Product: 7-Nitrocoumarin

Synonym: 7-Nitro-chromen-2-one; 7-Nitro-coumarin;

Structure:



Molecular Formula:

C₉H₅NO₄

Molecular weight:

191.14

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 1-SKS-110-1

Purity: 98%

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:

NMR

Conforms to structure

Conforms

MS

Conforms to Structure

Conforms

Elemental Analysis

Conforms

Refer: Additional Information

Appearance

Light Brown Solid

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 1 : 1; Visualized with UV and KMnO₄; Single Spot, R_f = 0.50. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 56.41, %H: 2.86, %N: 7.33; (Calculated) %C: 56.55, %H: 2.64, %N: 7.33

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

Reviewed By

C of A Approved By

Test Date

Retest Date

Philip Chan

3/6/2018

3/4/2028