



CERTIFICATE OF ANALYSIS

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1. Identification

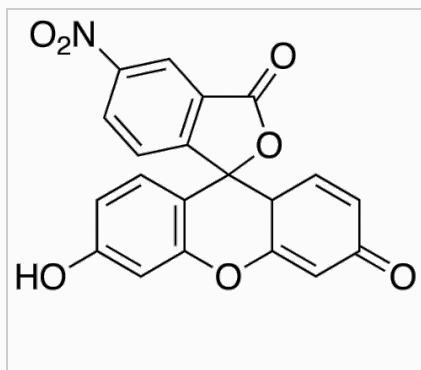
Catalogue Number: N495860

CAS Number: 3326-35-0

Product: Nitrofluorescein, Isomer 1

Synonym: 3',6'-Dihydroxy-5-nitro-spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one; 5-Nitrofluorescein;

Structure:



Molecular Formula:

C₂₀H₁₁NO₇

Molecular weight:

377.3

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-GNM-65-1

Purity: 95%

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

Storage Condition: 4°C, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Orange to Dark Orange Solid	Dark Orange Solid
Elemental Analysis	Conforms	%C: 54.58, %H: 3.44, %N: 3.15
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	~8.6% based on Elemental Analysis

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
Sarbjeeet Kaur	Toni Rantanen	Christina Gouliaras	6/30/2022	6/28/2026