



CERTIFICATE OF ANALYSIS

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1. Identification

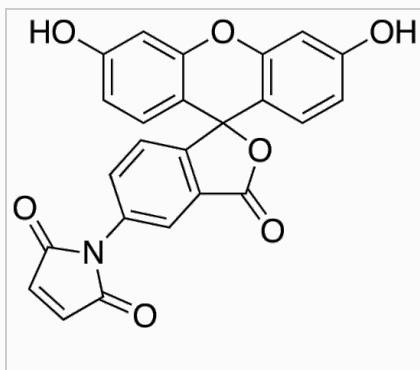
Catalogue Number: F489500

CAS Number: 75350-46-8

Product: Fluorescein 5-Maleimide (90%)

Synonym: 1-(3',6'-Dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)-1H-pyrrole-2,5-dione;

Structure:



Molecular Formula:

C₂₄H₁₃NO₇

Molecular weight:

427.36

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-MWC-149-1

Purity: 90%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 60.94, %H: 3.11, %N: 3.13
HPLC Purity	Report Result	92.38% (225 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	Orange to Dark Brown Solid	Orange to Dark Orange Solid
Water Content	Report Result	~3.0% 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
Neha Khanna	Toni Rantanen	Chanell Chu	1/14/2022	1/12/2029