



CERTIFICATE OF ANALYSIS

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1. Identification

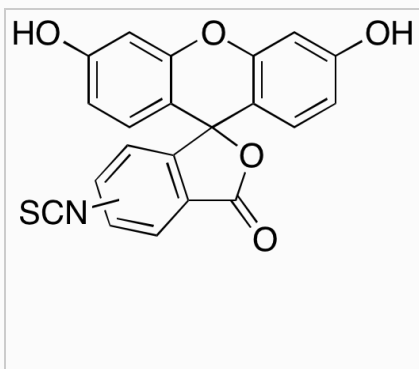
Catalogue Number: F485715

CAS Number: 27072-45-3

Product: Fluorescein Isothiocyanate (>85%)

Synonym: FITC; Isothiocyanato Fluorescein; 3',6'-Dihydroxy-5(or 6)-isothiocyanatospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one Incompletely Defined Substance; 5(6)-FITC

Structure:



Molecular Formula:

C₂₁H₁₁NO₅S

Molecular weight:

389.38

Source of Product:

N/A

Solubility:

DMSO (Sparingly), Methanol (Slightly)

Lot Number: 1-EDT-142-1

Purity: >85%

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	Dark Orange to Dark Brown Solid	Dark Orange to Dark Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.86, %H: 3.13, %N: 3.57
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms

Additional Information: Contains: ~ 3.9% Acetone, ~1.7% Acetonitrile

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
Neha Khanna	Toni Rantanen	Chanell Chu	1/6/2022	1/4/2026