



CERTIFICATE OF ANALYSIS

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1. Identification

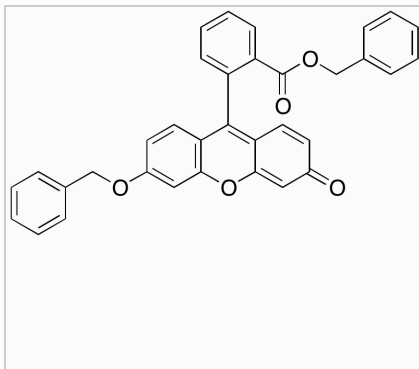
Catalogue Number: D417405

CAS Number: 97744-44-0

Product: Dibenzylfluorescein

Synonym: 2-[3-Oxo-6-(phenylmethoxy)-3H-xanthen-9-yl]benzoic Acid Phenylmethyl Ester; NSC 645658;

Structure:



Molecular Formula:

C₃₄H₂₄O₅

Molecular weight:

512.55

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-CAL-100-1

Purity: 96%

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 | Orange to Dark Orange Solid | Orange to Dark Orange Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 97.46% (230 nm) |

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 |
|---|---|---|-----------|-------------|
| Henry Tieu | Toni Rantanen | Christina Gouliaras | 10/6/2022 | 10/4/2026 |
|  |  |  | | |