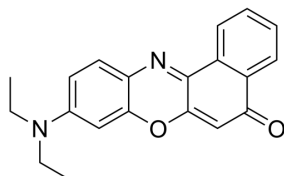


Certificate of Analysis

Product Name: Nile Red
Cat. No.: CS-3527
CAS No.: 7385-67-3
Batch No.: Le1207112236
Chemical Name: 5H-Benzo[a]phenoxazin-5-one, 9-(diethylamino)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₀H₁₈N₂O₂
Molecular Weight: 318.37
Storage: 2-8°C, protect from light
Chemical Structure:



ANALYTICAL DATA

Appearance: Green to black (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (HPLC): 98.02%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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