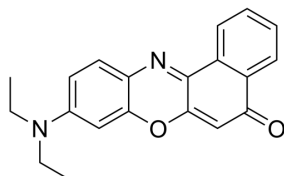


## Certificate of Analysis

**Product Name:** Nile Red  
**Cat. No.:** CS-3527  
**CAS No.:** 7385-67-3  
**Batch No.:** 66290  
**Chemical Name:** 5H-Benzo[a]phenoxazin-5-one, 9-(diethylamino)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 318.37  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Green to black (Solid)  
**<sup>1</sup>H NMR Spectrum:** 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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