

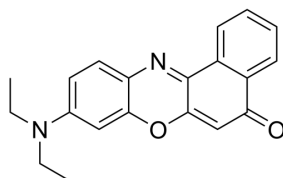
## Nile Red

Cat. No.: HY-D0718  
CAS No.: 7385-67-3  
Batch No.: 254312  
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: 4°C, protect from light  
\* In solvent : -80°C, 2 years; -20°C, 1 year (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Green to dark green (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.15%  
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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