

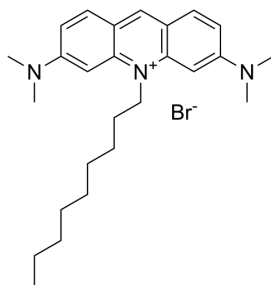
## Acridine Orange 10-Nonyl Bromide

Cat. No.: HY-D0993  
CAS No.: 75168-11-5  
Batch No.: 113910  
Chemical Name: Acridinium, 3,6-bis(dimethylamino)-10-nonyl-, bromide (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>26</sub>H<sub>38</sub>BrN<sub>3</sub>  
Molecular Weight: 472.50  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Orange to red (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.50%  
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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