

## Acridine Orange (hydrochloride)

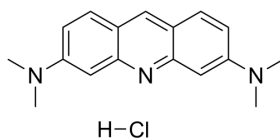
---

Cat. No.: HY-101879  
CAS No.: 65-61-2  
Batch No.: 36014  
Chemical Name: 3,6-Acridinediamine, N3,N3,N6,N6-tetramethyl-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>20</sub>ClN<sub>3</sub>  
Molecular Weight: 301.81  
Storage: 4°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 2 years; -20°C, 1 year (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to red (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.86%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA