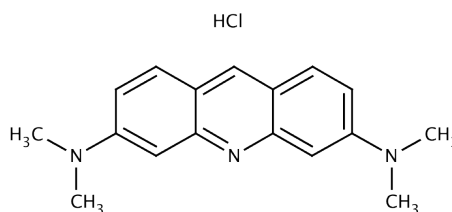


## Product Specification

Product Name : Acridine Orange hydrochloride hydrate  
Glentham Code : GL1836  
CAS Number : 65-61-2  
EINECS : 200-614-0  
MDL Number : MFCD00012660  
PubChem SID : 310265803

Molecular Weight : 301.81 (anhydrous)  
Molecular Formula : C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>·HCl·xH<sub>2</sub>O  
Storage Temp. : +20°C



Property	Specification
Physical Description	Dark orange to dark red powder
Loss on Drying	≤ 10.0%
Identification	IR
Wavelength of Maximum Absorption	Lamba 1: 489 - 495 nm Lamba 2: 265 - 271 nm Lamba 3: 227 - 233 nm
Absorptivity	Lambda 1: ≥ 35000 Lambda 2: ≥ 35000 Lambda 3: ≥ 14000
Solubility	In water: Clear, red-orange solution

Specification Version : v1.0  
Date Created : 2014-04-28

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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