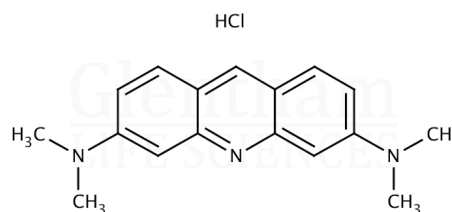


Product Specification

Product Name	Acridine Orange hydrochloride hydrate
Glentham Code	GL1836
CAS Number	65-61-2
EINECS	200-614-0
MDL-Nummer	MFCD00012660
PubChem SID	310265803
Molecular Weight	301.81 (anhydrous)
Molecular Formula	$C_{17}H_{19}N_3 \cdot HCl \cdot xH_2O$
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 or contact us using the details above for the current version of this document.

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