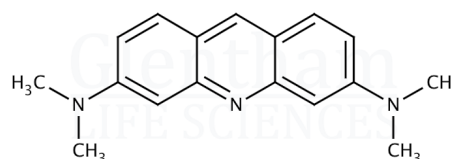


Product Specification

Product Name	Acridine Orange base
Glentham Code	GT9731
CAS Number	494-38-2
MDL-Nummer	MFCD00005029
Farbindex	46005
Molecular Weight	265.35
Molecular Formula	C ₁₇ H ₁₉ N ₃
Storage Temp.	+20°C



Property	Specification
Physical Description	Orange to brown powder
Solubility (0.1% in 1M HCl)	Clear, orange to dark red-brown solution
Wavelength of Maximum Absorption (λ _{max})	485 - 492 nm
UV-VIS Absorption	≥ 35000 (λ _{max} at ~489nm, 4mg/L MeOH)
UV-VIS Absorption	≥ 20000 (λ _{max} at ~292nm, 4mg/L MeOH)
UV-VIS Absorption	≥ 40000 (λ _{max} at ~269nm, 4mg/L MeOH)
UV-VIS Absorption	≥ 14000 (λ _{max} at ~230nm, 4mg/L MeOH)

Specification Version	- v1.0
Date Created	- 2018-07-30

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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