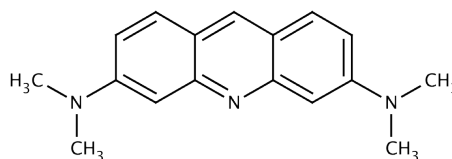


Product Specification

Product Name : Acridine Orange base
Glentham Code : GT9731
CAS Number : 494-38-2
MDL Number : MFCD00005029
Colour Index : 46005

Molecular Weight : 265.35
Molecular Formula : C₁₇H₁₉N₃
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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