

Product Datasheet

GT9731 - Acridine Orange base

Product Details

Product Name	Acridine Orange base
Glentham Code	GT9731
CAS Number	494-38-2
MDL-Nummer	MFCD00005029
Farbindex	46005
Related Categories	Dyes & Stains

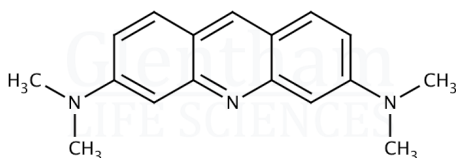
Solubility (0.1% in 1M HCl)	: Clear, orange to dark red-brown solution
Wavelength of Maximum Absorption ($\lambda_{\max}$)	: 485 - 492 nm
UV-VIS Absorption	: ≥ 35000 ($\lambda_{\max}$ at ~489nm, 4mg/L MeOH)
UV-VIS Absorption	: ≥ 20000 ($\lambda_{\max}$ at ~292nm, 4mg/L MeOH)
UV-VIS Absorption	: ≥ 40000 ($\lambda_{\max}$ at ~269nm, 4mg/L MeOH)
UV-VIS Absorption	: ≥ 14000 ($\lambda_{\max}$ at ~230nm, 4mg/L MeOH)
Version	: v1.0

Structure

Molecular Weight	: 265.35
Molecular Formula	: $C_{17}H_{19}N_3$

About Acridine Orange base

No further details on record.



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description : Orange to brown powder

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