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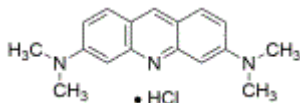
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



| | |
|--------------------------|---|
| Catalogue Number | 42482 |
| Product | Acridine orange hydrochloride solution, 10 3,6-Bis(dimethylamino)acridine hydrochloride |
| CAS Number | 65-61-2 |
| Molecular Formula | C ₁₇ H ₁₉ N ₃ •HCl |
| Molecular Weight | 301.81 |

| | |
|--------------------------------|---|
| Appearance | Orange to red solution |
| UV Ratios | Spectrophotometric assay : At 489 - 495 nm = 1.160 At 265 - 271 nm = 1.160 At 227 - 233 nm = 0.464 |
| Extinction Co-Efficient | E (489 - 495 nm) : ≥ 35000 E (265 - 271 nm) : ≥ 35000 E (227 - 233 nm) : ≥ 14000 |
| Purity by HPLC | ≥ 99% |
| Storage | Store at RT |

For Laboratory Use Only