



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-396557
Lot Number: SAMPLE
Product Name: 7-Acetoxy-1-methylquinolinium iodide
CAS Number: 7270-83-9
Molecular Formula: $C_{12}H_{12}NO_2 \cdot I$
Molecular Weight: 329.13

| Test | Specification | Result |
|------------------------------|--|--------------|
| Appearance | Dark green solid | Complies |
| Identification (1H -NMR) | | Complies |
| Identification (TLC) | | Complies |
| Melting Point | 190 °C (dec.) | 188 - 190 °C |
| Solubility | DMF, DMSO, alcohols containing a base | Complies |
| Absorption Excitation | 610 nm | Complies |
| Extinction Coefficient | 135,000 $M^{-1}cm^{-1}$ in CH_3OH containing a trace KOH | Complies |
| Wavelength | Exc./Em. - Maxima at 610/639 nm in CH_3OH containing a trace KOH | Complies |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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