



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214167
Lot Number: SAMPLE
Product Name: 3,3'-Diheptyloxacarbocyanine iodide
CAS Number: 53213-83-5
Molecular Formula: $C_{31}H_{41}N_2O_2 \cdot I$
Molecular Weight: 600.58

Test	Specification	Result
Appearance		Red-purple solid
Purity (HPLC)	$\geq 95\%$ at 254 nm	99% at 254 nm
Extinction Coefficient	$160,000 \pm 15,000$ cm ⁻¹ M ⁻¹	162,800 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	503 \pm 4 nm in methanol	502 nm
λ_{max}	483 \pm 3 nm in methanol	484 nm

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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