



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214165  
Lot Number: SAMPLE  
Product Name: 3,3'-Dipropylloxycarbocyanine iodide  
CAS Number: 53213-79-9  
Molecular Formula:  $C_{23}H_{25}IN_2O_2$   
Molecular Weight: 488.36

Test	Specification	Result
Appearance		Red solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)	> 95%	99%
Purity (TLC)	> 95%	99%
Absorption Excitation	482 $\pm$ 3 nm	484 nm
Extinction Coefficient	156000 $\pm$ 10000 cm <sup>-1</sup> M <sup>-1</sup>	157600 cm <sup>-1</sup> M <sup>-1</sup>

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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