



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-209690
Lot Number: SAMPLE
Product Name: 3,3'-Dipropylthiadicarbocyanine iodide
CAS Number: 53213-94-8
Molecular Formula: $C_{25}H_{27}IN_2S_2$
Molecular Weight: 546.53

Test	Specification	Result
Appearance		Blue solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95\%$	99%
Purity (TLC)	$\geq 95\%$	99%
Absorption Excitation	$653 \pm 3 \text{ nm}$	654 nm
Extinction Coefficient	$254000 \pm 17000 \text{ cm}^{-1}\text{M}^{-1}$	246660 $\text{cm}^{-1}\text{M}^{-1}$

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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