



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202790
Lot Number: SAMPLE
Product Name: RHOD 2/AM
CAS Number: 129787-64-0
Molecular Formula: $C_{52}H_{59}N_4O_{19} Br$
Molecular Weight: 1124

Test	Specification	Result
Appearance		Red-purple solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 80\%$	94%
Purity (TLC)	$\geq 85\%$	98%
Absorption Excitation (1)	$547 \pm 3 \text{ nm}$	546nm
Extinction Coefficient (1)	$110000 \pm 15000 \text{ cm}^{-1}\text{M}^{-1}$	$97900 \text{ cm}^{-1}\text{M}^{-1}$
Absorption Excitation (2)	$550 \pm 3 \text{ nm}$	552nm

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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