



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-480200
Lot Number: SAMPLE
Product Name: Acridinium Bromide
CAS Number: 320345-99-1
Molecular Formula: $C_{26}H_{30}BrNO_4S_2$
Molecular Weight: 564.55

Test	Result
Appearance	Off white to pale pink solid
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	98%
Atmosphere	Air
Melting Point	226 - 227 °C
Solubility	DMSO (slightly), Methanol (slightly)
Specific Rotation	-27.2° (c = 0.3, Methanol)
Bromide	14.1%

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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