



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218071
Lot Number: SAMPLE
Product Name: Dansyl fluoride
CAS Number: 34523-28-9
Molecular Formula: $C_{12}H_{12}FNO_2S$
Molecular Weight: 253.29

Test	Specification	Result
Appearance		Yellow solid
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)	> 95%	98%
Purity (TLC)		> 98%
Absorption Excitation	356 ± 3 nm	356 nm
Extinction Coefficient	3750 ± 350 cm ⁻¹ M ⁻¹	3850 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	585 ± 4 nm	585 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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