



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-481117
Lot Number: SAMPLE
Product Name: AOI 987
CAS Number: 846022-21-7
Molecular Formula: $C_{18}H_{18}N_3O_3BF_4$
Molecular Weight: 411.16

Test	Specification	Result
Appearance		Dark green solid
Purity (HPLC)	$\geq 95\%$ at 645 nm	97% at 645 nm
Purity (TLC)	$\geq 95\%$	> 99%
Extinction Coefficient	100000 ± 8000 cm ⁻¹ M ⁻¹	100700 cm ⁻¹ M ⁻¹
Fluorescence Emission Max	670 ± 4 nm	668 nm
λ_{max}	645 ± 3 nm	644 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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