



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215050
Lot Number: SAMPLE
Product Name: Fluorescent Red Mega 480
CAS Number: 540528-00-5
Molecular Formula: $C_{26}H_{30}N_2O_7S$
Molecular Weight: 514.59

Test	Specification	Result
Appearance	Faint red to red powder	Red powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90.0\%$	96.1%
Solubility	Faintly red to red and clear solution at 1 mg/ml in DMSO	Red clear solution at 1 mg/ml in DMSO
Fluorescence Emission Max	640.0 ± 5.0 nm	645 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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