



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206356  
Lot Number: SAMPLE  
Product Name: 2-[4-(Dimethylamino)styryl]-1-ethylpyridinium iodide  
CAS Number: 3785-01-1  
Molecular Formula:  $C_{17}H_{21}IN_2$   
Molecular Weight: 380.27

Test	Specification	Result
Appearance	Red powder	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99\%$	100%
Solubility	Clear orange at 0.5 mg/ml in DMSO	Complies
Extinction Coefficient	EmM: 36.0 - 41.0 in MeOH	39.4
Wavelength	457 - 463 nm	462 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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