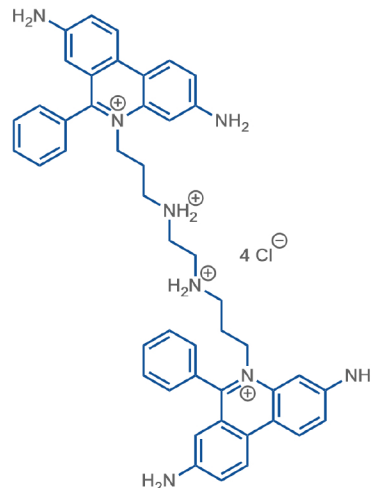


Ethidium Homodimer I



Description	
CAS number	61926-22-5
Molecular Weight	856.75 g/mol
Solubility	DMSO or H ₂ O

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	Aqueous
Absorbance max	495 ± 3 nm
Absorptivity Coefficient	9,100 M ⁻¹ cm ⁻¹

¹ H NMR Spectrum	
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	

HPCE	
Purity	≥ 90% (210 nm)

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	Aqueous buffer
Excitation max	● 528 ± 3 nm
Emission max	● 617 ± 3 nm