

Catalog Number: 8010 | 8020



Ethidium Homodimer I

Description

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

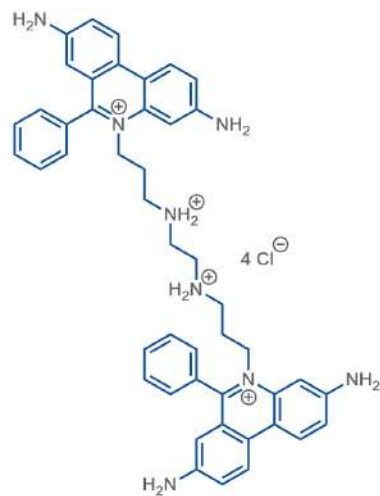
Absorbance Spectrum

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

¹H NMR

Spectrum

Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.



HPCE

Purity	≥ 90% (210 nm)
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Fluorescence Spectrum

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