

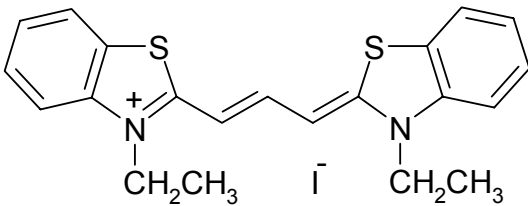
American Dye Source, Inc.

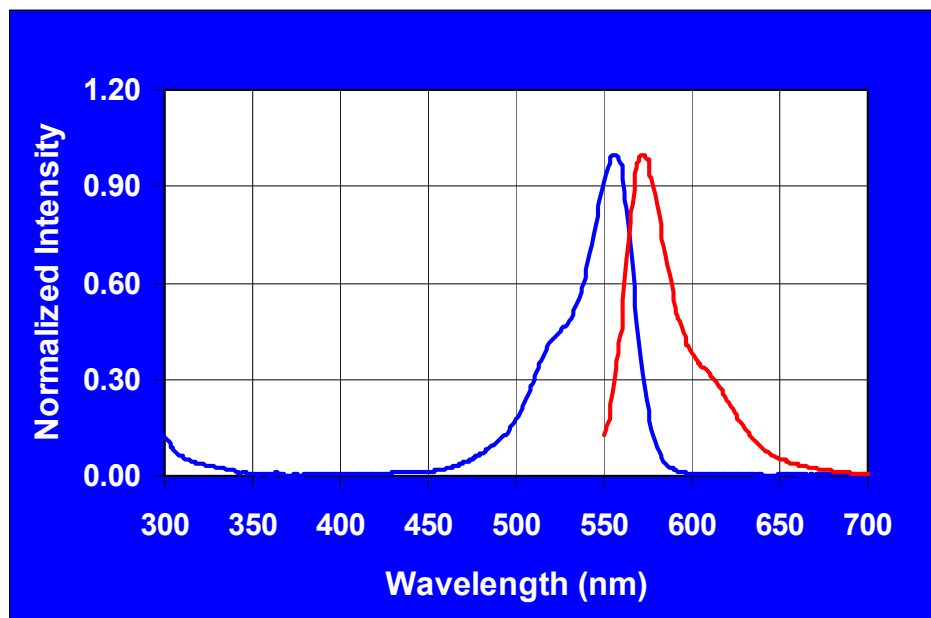
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**American
Dye
Source, Inc.****PRODUCT INFORMATION**

Product	Laser Dye ADS560EI
Chemical Name	3,3'-Dimethylthiacarbocyanine iodide
Appearance	Black Crystals
Purity	98.0 %
Chemical Formula	C ₂₁ H ₂₁ I N ₂ S ₂
Melting Point	268 – 270 °C
Molecular Weight	492.43 g mol ⁻¹
Absorption Maximum	559 nm (in methanol)
Absorption Coefficient	2.00 x 10 ⁵ L mol ⁻¹ cm ⁻¹
Excitation Maximum	560 nm (in methanol)
Fluorescent Maximum	572 nm (in methanol)
Chemical Structure	



Absorption and Fluorescent Spectra of ADS560EI in methanol