

CRYPTOCYANINE

Synonym: 1-ethyl-4-[(3-(1-ethyl-4(1H)-quinolinylidene)-1-propenyl]-quinolinium iodide; 1,1'-diethyl-4,4'-carbocyanine iodide

Catalog No.: 07070

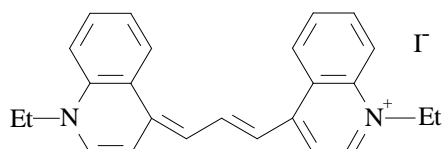
CAS No.: 4727-50-8

Molecular Weight: 280.39

Chemical Formula: C₂₅H₂₅N₂.I

Appearance: Bright green, crystalline solid

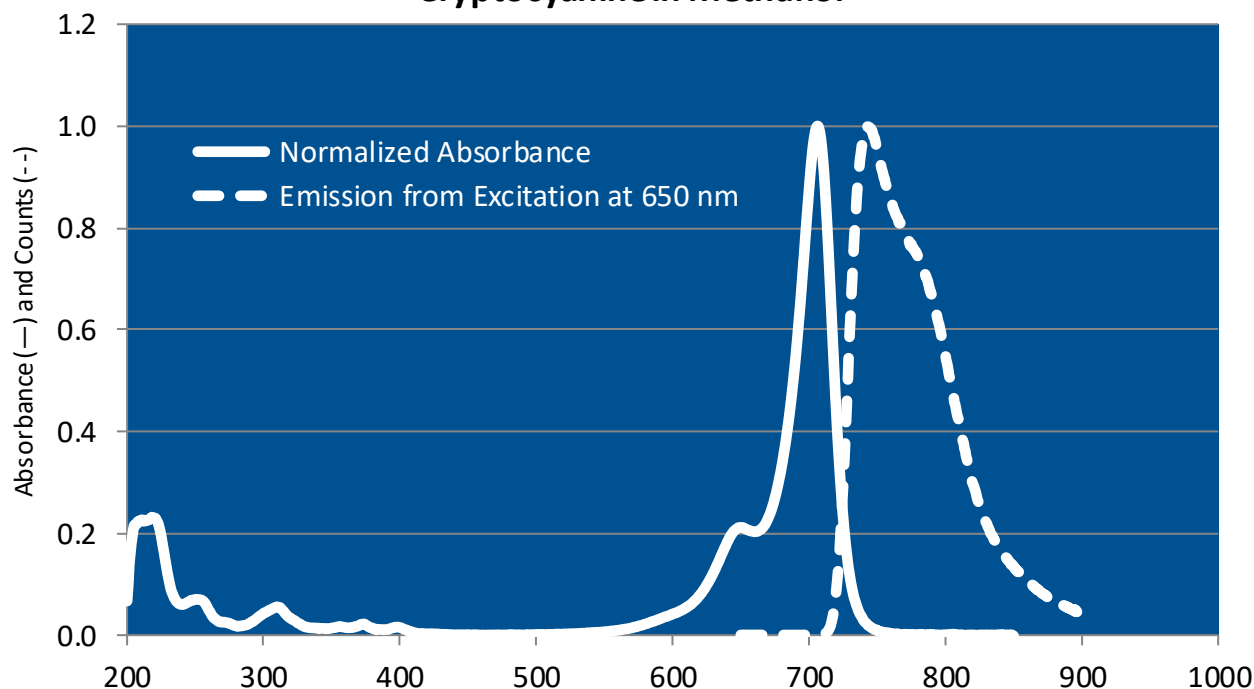
Structure:



Quantum Yields and Lifetimes

Absorbance (nm)	Emission (nm)	Quantum Yield (max = 1.0)	Solvent	Lifetime (ns)	References, Notes
		0.012	Diluted Ethanol		S-4

Cryptocyanine in Methanol



The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.



2150 Bixby Road
Lockbourne, OH 43137
Tel: 614.492.5610
E-mail: info.exciton@luxotticaretail.com
www.exciton.luxottica.com

References and Notes:

- S-4. Fluorescence Quantum Yields of a Series of Red and Near-Infrared Dyes Emitting at 600-1000nm, K. Rurack and M. Spieles, Anal. Chem., 83, 1232 (2011), <https://doi.org/10.1021/ac101329h>