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## HIDC IODIDE

**Synonym:** 2-[5-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1,3-pentadienyl]-1,3,3-trimethyl-3H-indolium iodide or (1,1',3,3,3',3'-hexamethyl-2,2'-indodicarbocyanine iodide)

**Catalog No.:** 07410

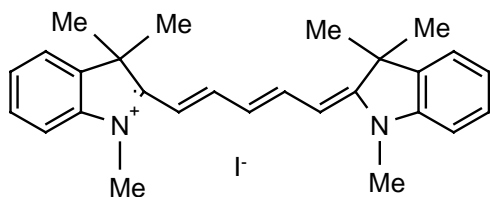
**CAS No.:** 36536-22-8

**MW:** 510.46

**Chemical Formula:** C<sub>27</sub>H<sub>31</sub>N<sub>2</sub>.I

**Appearance:** Blue green crystals

**Structure:**



### Lasing Wavelength

Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	Fl λ-max
675		Nd:YAG→R610(585) <sup>67</sup>	Methanol	2 x 10 <sup>-4</sup>	641 <sup>e</sup>	668 <sup>e</sup>
720		Nd:YAG→R610(585) <sup>67</sup>	Methanol	8 x 10 <sup>-4</sup>	646 <sup>s</sup>	666 <sup>s</sup>
839	826-850	N <sub>2</sub> <sup>5</sup>	DMSO	1.25 x 10 <sup>-3</sup>		

### REFERENCES:

5. Laser Photonics, Inc., 12351 Research Parkway, Orlando, FL 32826, formerly, Molelectron Corporation and Cooper LaserSonics, Inc.
67. P. Drell, private commun., 1978

For a current list of biology, biological stain, or biochemistry references for HIDC-Iodide from PubMed, click on the following link:

[HIDC](#)