

HDITC Perchlorate

Synonym: 2-[7-(1,3-dihydro-1,1,3-trimethyl-2H-benz(e)indol-2-ylidene)-1,3,5-heptatrienyl]-1,1,3-trimethyl-1H-benz[e]indolium perchlorate

Catalog No.: 08330

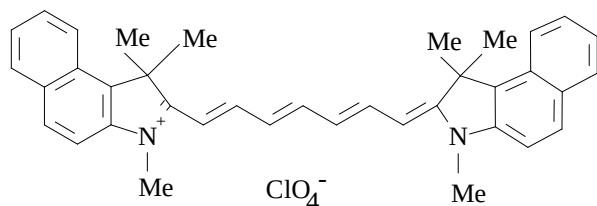
CAS No.: 23178-67-8

Chemical Formula: $C_{37}H_{37}N_2 \cdot ClO_4$

Molecular Weight: 609.16

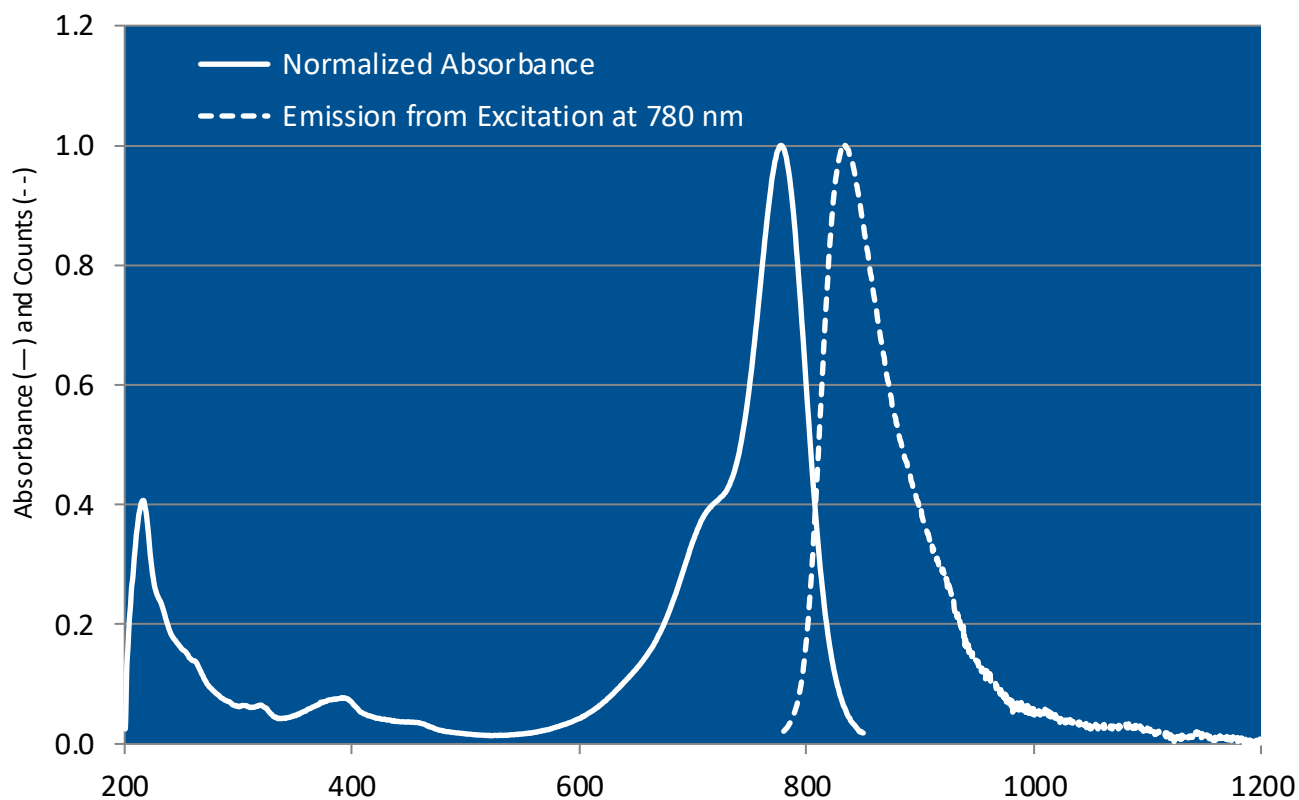
Appearance: Bright green crystals

Structure:



Saturable Absorber and Solvent Catalog Number	Dyes for Hybridly Mode Locked Dye Lasers (Solvent)	Tuning Range(nm)	Pump Source Reference	Shortest Duration Pulse(fs)	
HDITCP 08330	Dimethylsulfoxide/Ethylene Glycol	Oxazine 750(Dimethylsulfoxide/ Ethylene Glycol)	750-835	m-I,Kr ¹⁸	800

HDITCP in Methanol





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

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.

REFERENCE:

18. Subpicosecond Light Pulses from a Synchronously Mode-Locked Dye Laser with Composite Gain and Absorber Medium, G.W. Fehrenbach,
K.J. Gruntz and R.G. Ulbrich, *Appl. Phys. Lett.*, 33(2), 159 (1978)