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DNTPC-P

Synonym: 3-ethyl-2-[[[3-[3-[3-[(3-ethyl-2(3H)-benzothiazolylidene)methyl]-5,5-dimethyl-2-cyclohexen-1-ylidene]-1-propenyl]-5,5-dimethyl-2-cyclohexen-1-ylidene]methyl]-benzothiazolium perchlorate

Catalog No.: 11240

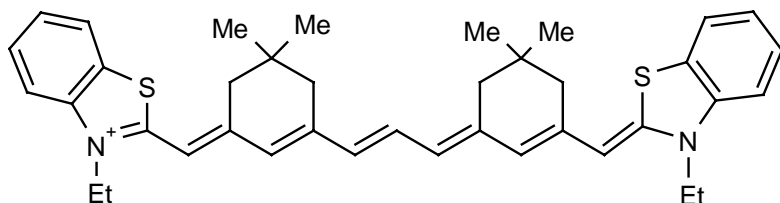
CAS No.: 65767-27-3

MW: 705.36

Chemical Formula: C₃₉H₄₅N₂S₂.ClO₄

Appearance: Dark crystalline powder

Structure:



Max. Lasing Wavelength (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max
1124	1102-1148	Nd:YAG(1064) ¹⁰⁴	DMSO	1 x 10 ⁻⁴	~1060

DMSO = dimethylsulfoxide

REFERENCES:

104. Nd:YAG Laser-Pumped Infrared Dye Laser, K. Kato, *IEEE J. Quantum Electron.*, QE14, 7 (1978)

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

[DNTPC Perchlorate](#) (zero references under "dntpc" in PubMed as of May 2006)