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LDS 759

Synonym: Benzothiazolium, 2-[[[2-[2-[4-(dimethylamino)phenyl]ethenyl]-6-methyl-4H-pyran-4-ylidene]methyl]-3-ethyl
perchlorate

Catalog No.: 07590

CAS No.: 133614-69-4

MW: 515

Appearance: Black brown powder

Lasing Wavelength		Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
Max. (nm)	Range (nm)					
759	716-820	XeCl(308) ¹⁹⁰	Methanol	2×10^{-3}	558 ^m	736
757	708-812	Nd:YAG(532) ¹⁹⁰	Methanol	3×10^{-4}		

m = methanol

REFERENCES:

190. Laser Action in New Styryl Dyes and Their Tuning Characteristics, K. Matsutani, A. Shinpoh, M. Uchiumi, T. Okada, M. Maeda, K. Muraoka and M. Akazaki, *Oyo Butsuri*, 59(8), 1089 (1990)

For a current list of biology, biological stain, or biochemistry references for LDS 759 from PubMed, click on the following link:

[LDS 759](#) (zero references as of May 2006)