

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

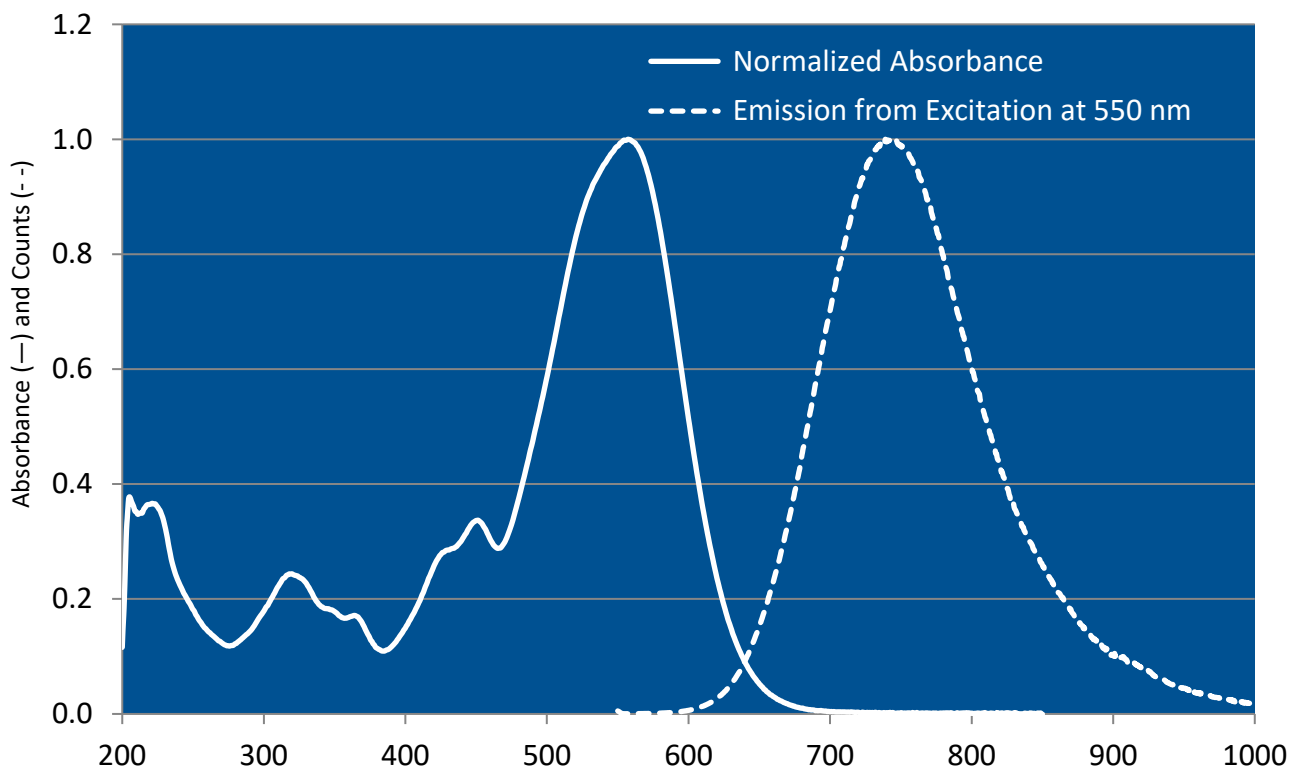
Appearance: Black brown powder

Lasing Wavelength

Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
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

LDS 759 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.

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)