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LDS 720

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

Catalog No.: 07201

CAS No.: 133633-44-0

MW: 526

Appearance: Black brown needle crystals

Structure: Not Available

Lasing Wavelength		Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
Max. (nm)	Range (nm)					
720	680-775	XeCl(308) ¹⁹⁰	Methanol	4×10^{-4}	529 ^m	699
724	670-784	Nd:YAG(532) ¹⁹⁰	Methanol	2×10^{-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 720 from PubMed, click on the following link:

[LDS 720](#) (zero references as of May 2006)