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EXALITE 411

Catalog No.: 04110

CAS No.: Not available

MW: 651

Appearance: White crystalline solid

	Lasing Wavelength		Pump Source	Solvent	Concentration	Abs	FI
	Max. (nm)	Range (nm)	(nm)		(molar)	λ -max	λ -max
	411/400	392-421	XeCl(308) ^{177c}	p-Dioxane	7.3×10^{-4}	347 ^C	387 ^C
	411	402-419	Nd:YAG(355) ¹¹⁰	p-Dioxane	$\sim 3.7 \times 10^{-5}$		408
and	391	386-396					
	411	401-422	Nd:YAG(355) ⁵⁷	p-Dioxane	2.3×10^{-4} (osc),		
	391	386-396			0.6×10^{-4} (amp)		
	411	404-417	Nd:YAG(355) ²³⁹	p-Dioxane	2.2×10^{-4}		

c = cyclohexane

REFERENCES:

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177. Exciton and Associates, unpublished data, 1987-1989; **a.** Characterization of New Excimer Pumped UV Laser Dyes I. p-Terphenyls, D.J. Schneider, D.A. Landis, P.A. Fleitz, C.J. Seliskar, J.M. Kauffman and R.N. Steppel, *Laser Chem.*, 11, 49 (1991); **b.** Characterization of New Excimer Pumped UV Laser Dyes 2. p-Quaterphenyls, P.A. Fleitz, C.J. Seliskar, R.N. Steppel, J.M. Kauffman, C.J. Kelley and A. Ghiorghis, *Laser Chem.*, 11, 99 (1991); **c.** Characterization of New Excimer Pumped UV Laser Dyes 3. p-Quinqui-, Sexi-, Octi- and Deciphenyls, C.J. Seliskar, D.A. Landis, J.M. Kauffman, M.A. Aziz, R.N. Steppel, C.J. Kelley, Y. Qin and A. Ghiorghis, *Laser Chem.*, 13(1), 19 (1993)
239. P. Jauernik, private commun., Sirah Laser- und Plasmatechnik, 2003.