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EXALITE 417

Catalog No.: 04170

CAS No.: N/A

MW: 831

Appearance: White crystalline solid

	Lasing Wavelength		Pump Source	Solvent	Concentration	Abs	Fl
	Max. (nm)	Range (nm)	(nm)		(molar)	λ -max	λ -max
	416/406	398-430	XeCl(308) ^{177c}	p-Dioxane	9.8×10^{-4}	353 ^C	397 ^C
	416	406-425	Nd:YAG(355) ¹¹⁰	p-Dioxane	$\sim 3 \times 10^{-5}$		415
and	398	392-404					
	416	404-425	Nd:YAG(355) ⁵⁷	p-Dioxane	3.6×10^{-4} (osc),		
and	398	392-404			0.9×10^{-4} (amp)		
	419	413-422	Nd:YAG(355) ²³⁹	p-Dioxane	2.4×10^{-4}		

c = cyclohexane

REFERENCES:

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110. Lumonics Inc., 105 Schneider Road, Kanata, (Ottawa), Ontario, Canada K2K 1Y3
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 Exciton and Associates, unpublished data, 1987-1989; **a.** Characterization of New Excimer Pumped UV Laser Dyes I. p-Terphenyls, D.J. Schneider, D.A. Landis, P.A. Fleitz, C.J. Seliskar, J.M.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.