



PO Box 31126
Dayton, OH 45437
Tel: 937.252.2989 Fax: 937.258.3937
E-mail: info@exciton.com
www.exciton.com

EXALITE 377E

Catalog No.: 03770

CAS No.: N/A

MW: 579

Appearance: White crystalline powder

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

NOTE: Exalite 377E, 392E, and 400E are NOT recommended for pumping with XeCl(308nm). Also, the Exalite E series of dyes is especially designed and suited for dissolving in ethylene glycol, therefore, the "E" designation.

| | | | | | | |
|-----|---------|----------------------------------|----|----------------------|-------------------|-------------------|
| 377 | 367-392 | Ar(300-330),2W ^{17,177} | EG | 2.6×10^{-3} | 325 ^{eg} | 379 ^{eg} |
| | 365-401 | Ar(300-330),3W ^{17,177} | EG | 2.6×10^{-3} | | |
| 377 | 365-400 | Ar(300-330),3W ^{17,177} | EG | 1.8×10^{-3} | | |

eg = ethylene glycol

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 Exciton and Associates, unpublished data, 1987-1989; **a.** Characterization of New Excimer Pumped UV Laser Dyes I. p-Terphenyls, D.J. Schneider, D.A. Landis, P.A. Fleitz, C.J. Seliskar, J.M.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. Ghorghis, *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. Ghorghis, *Laser Chem.*, 13(1), 19 (1993)