

EXALITE 351

Synonym: 1,1':4',1''-Terphenyl, 4,4''-bis(1,1-dimethylpropyl)-

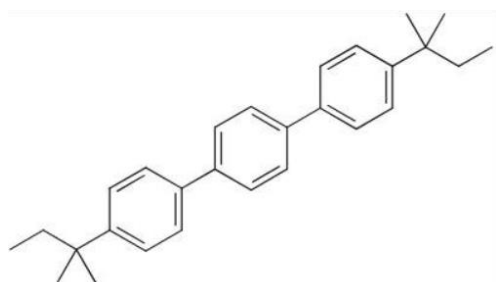
Catalog No.: 03510

CAS No.: 121838-04-8

Chemical Formula: C₂₈H₃₄

Molecular Weight: 370.57

Appearance: White crystals

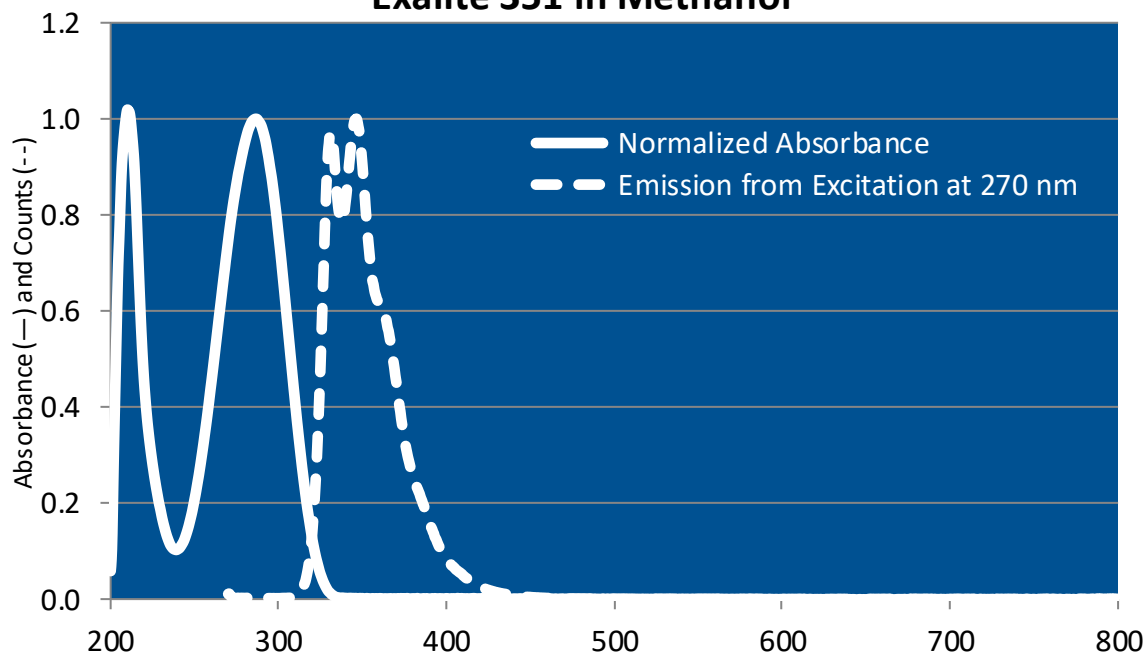


Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
350	342-360	XeCl(308) ²⁰⁴	p-Dioxane	5 x 10 ⁻⁴ (osc), 4 x 10 ⁻⁴ (amp)	287 ^p	351 ^p 335(sh)

351	339-359	XeCl(308) ^{177a}	p-Dioxane	7.5 x 10 ⁻⁴		
-----	---------	---------------------------	-----------	------------------------	--	--

p = p-dioxane

Exalite 351 in Methanol





2150 Bixby Road
Lockbourne, OH 43137
Tel: 614.492.5610
E-mail: info.exciton@luxotticaretail.com
www.exciton.luxottica.com

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:

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 Exciton and Associates, unpublished data, 1987-1989;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)
204. Questek, Inc., 44 Manning Road, Billerica, MA 01821 (Tuning Curves for Model 5200B Dye Laser, PDL-3)