

EXALITE 348

Synonym: 3,3'',5,5''-Tetrakis(1,1-dimethylethyl)-1,1':4',1'':4'',1'''-quaterphenyl

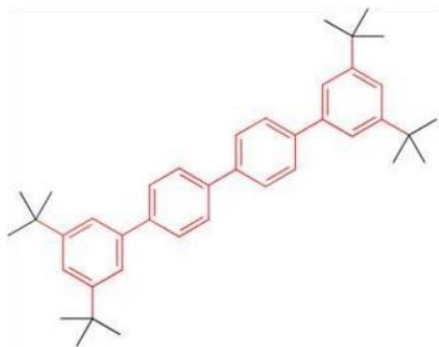
Catalog No.: 03480

CAS No: 104700-14-3

Molecular Weight: 530.83

Chemical Formula: C₄₀H₅₀

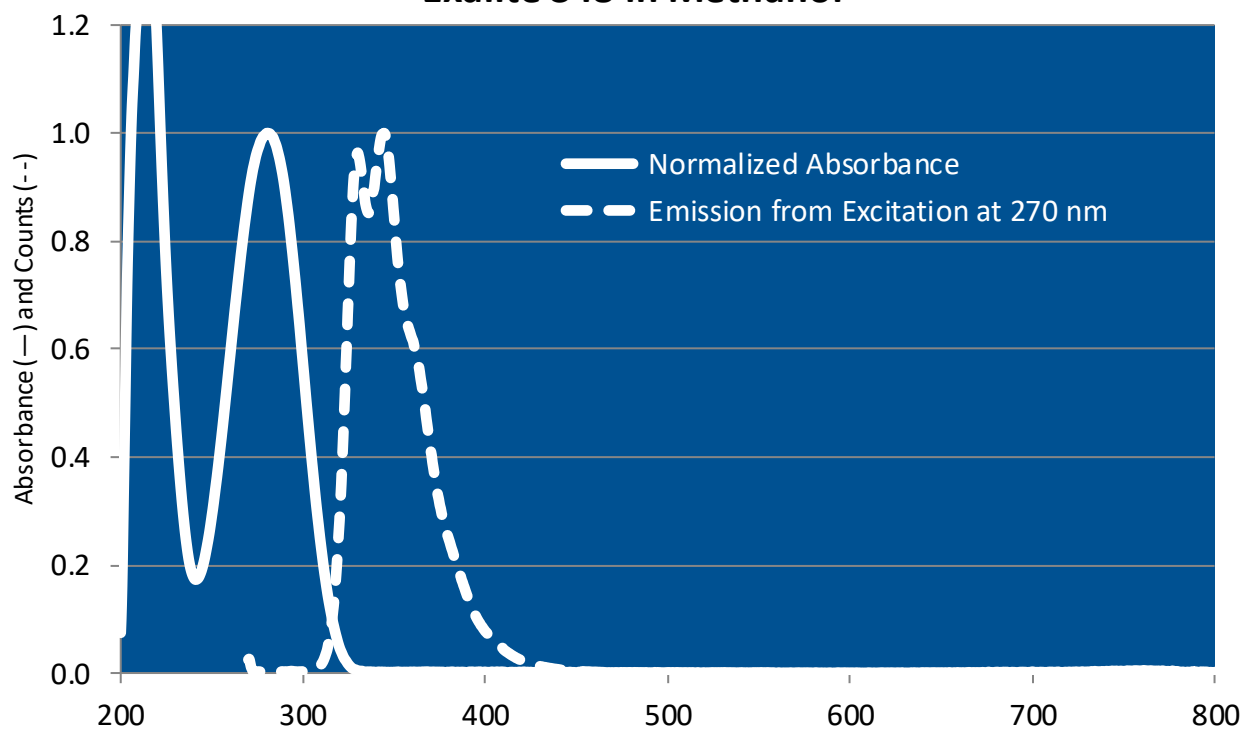
Appearance: White crystals



Max. Lasing Wavelength (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max
349	333-359	XeCl (308) ^{177b}	p-Dioxane	1.4 x 10 ⁻³	275 ^p

p = p-dioxane

Exalite 348 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 Exciton and Associates, unpublished data, 1987-1989;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. 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)