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EXALITE 360

Synonym: 2,5,2',5'-tetramethyl-p-quaterphenyl

Catalog No.: 03601

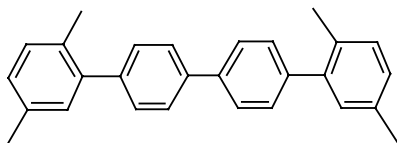
CAS No.: 42526-94-3

MW: 362.52

Chemical Formula: C₂₈H₂₆

Appearance: White crystalline solid

Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
358	342-371	XeCl(308)	p-dioxane	9x10 ⁻⁴	278 ^e	361 ^{p-d}
359	347-370	XeCl(308) ²⁴²	p-dioxane	1.7x10 ⁻³	282 ^{p-d}	

e = ethanol; p-d = p-dioxane

REFERENCES:

242. Photophysical Properties and Laser Performance of Photostable UV Laser Dyes. III. Sterically Hindered p-Quaterphenyls, H. Güsten, M. Rinke, and H.O. Wirth, *Appl. Phys.* **B45**, 279(1988)