

## QUI

**Synonym:** 3,5,3',5'-tetra-t-butyl-p-quinquephenyl

**Catalog No.:** 22200

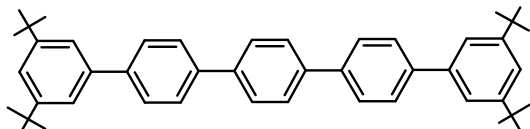
**CAS No.:** 89703-16-2

**MW:** 606.93

**Chemical Formula:** C<sub>46</sub>H<sub>54</sub>

**Appearance:** white crystalline powder

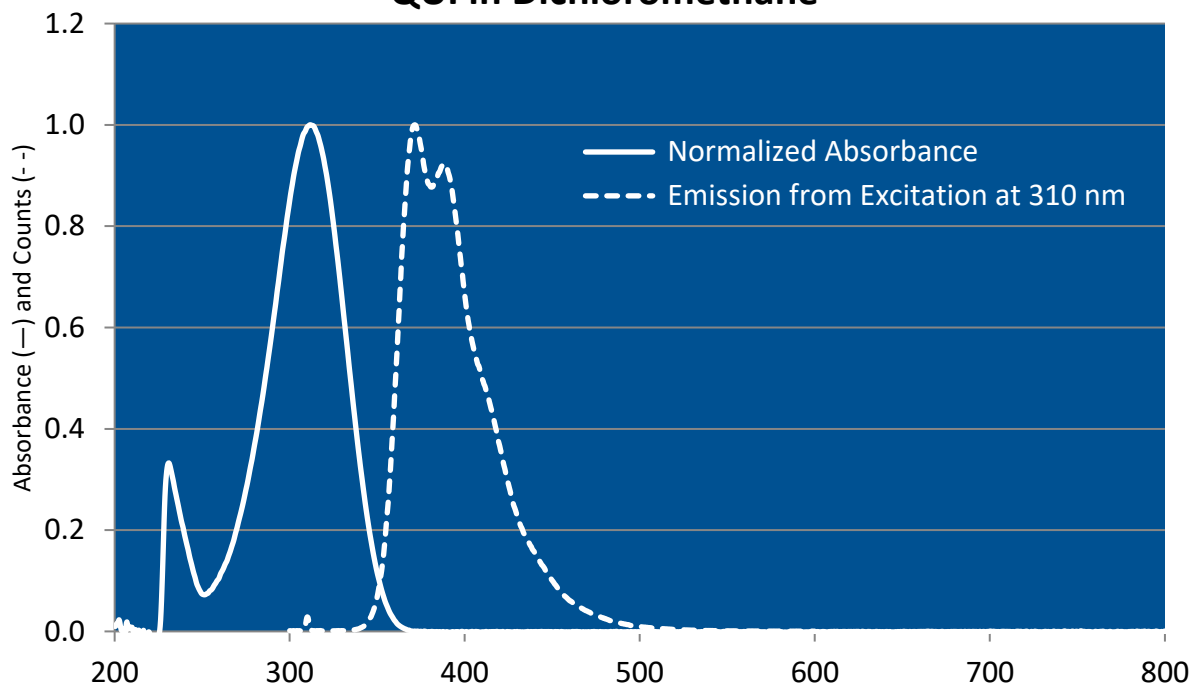
**Structure:**



Max. Lasing Wavelength (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
390	368-402	XeCl(308) <sup>241</sup>	p-dioxane	3.3x10 <sup>-4</sup>	305 <sup>c</sup> □	
387	372-412	N <sub>2</sub> (337) <sup>243</sup>	p-dioxane	8.6x10 <sup>-4</sup>	311 <sup>p-d</sup>	389,371 <sup>p-d</sup>

c = cyclohexane; p-d = p-dioxane

### QUI in Dichloromethane



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.



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**REFERENCES:**

241. Dye Stability Under Excimer-Laser Pumping. II. Visible and UV Dyes, V.S. Antonov, K.L. Hohla, *Appl. Phys.* *B32*, 9(1983)

243. Lambdachrome Laser Dyes, U. Brackmann, 2<sup>nd</sup> ed., 1994

For a current list of biology, biological stain, or biochemistry references for QUI from PubMed, click on the following link:

[QUI](#) (this abbreviation has multiple definitions in PubMed; fewer results may be obtained by adding the keyword "dye")