

EXALITE 389

Synonym: 2,7-Bis(4-methoxyphenyl)-9,9-dipropyl-9H-fluorene

Catalog No.: 03890

CAS No.: 111488-20-1 **MW:** 462.62

Chemical Formula: C₃₃H₃₄O₂

Appearance: White crystalline solid

Structure:

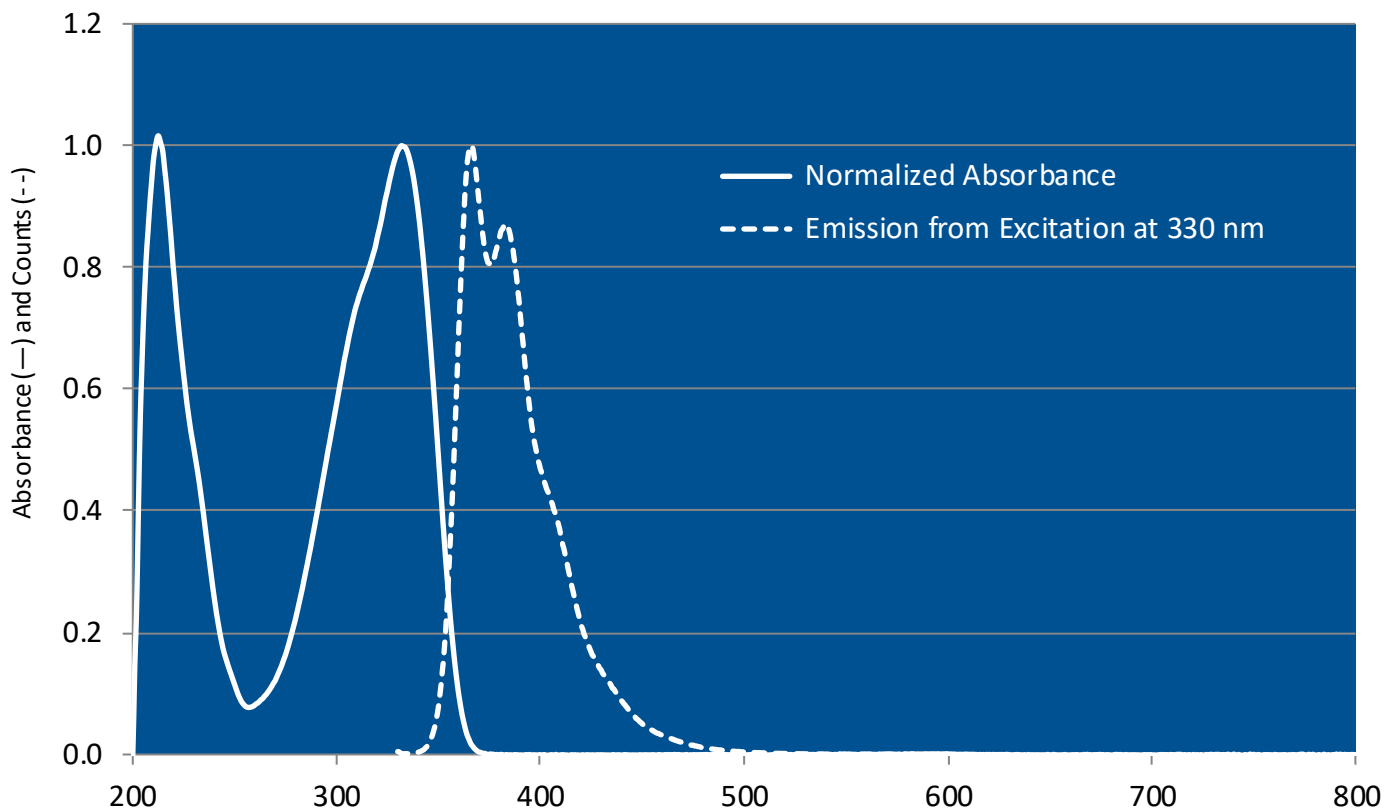


Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
387	375-396	XeCl(308) ^{177b}	p-Dioxane	4.5 x 10 ⁻⁴	330 ^p	371 ^d
388	381-395	XeCl(308) ²¹⁰	p-Dioxane	2 x 10 ⁻⁴		388
391	384-397	XeCl(308) ²¹⁰	DMA	2 x 10 ⁻⁴	410(sh)	
399	377-407	XeCl(308) ¹¹⁰	DMA	2 x 10 ⁻⁴		
389	378-395	Nd:YAG(355) ¹¹⁰	p-Dioxane	1.4 x 10 ⁻⁴		
391	372-423	Ar(uv) ^{17,178}	PPH	1.3 x 10 ⁻³		
388	377-410	Ar(330-365) ⁶⁸	PPH	3.24 x 10 ^{-3*}		

* This represents a maximum value. Concentration should be adjusted to 80-85% absorption of the pump light.

DMA = N,N-dimethylacetamide, p = p-dioxane, d = DMF

Exalite 389 in Methanol



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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