

BPBD-365

Synonym: 2-[1,1'-biphenyl]-4-yl-5-[4-(1,1-dimethylethyl)phenyl]-1,3,4-oxadiazole; Butyl-PBD

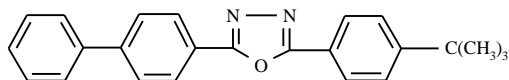
Catalog No.: 03650

CAS No.: 15082-28-7

Molecular Weight: 354.50

Appearance: White powder

Structure:

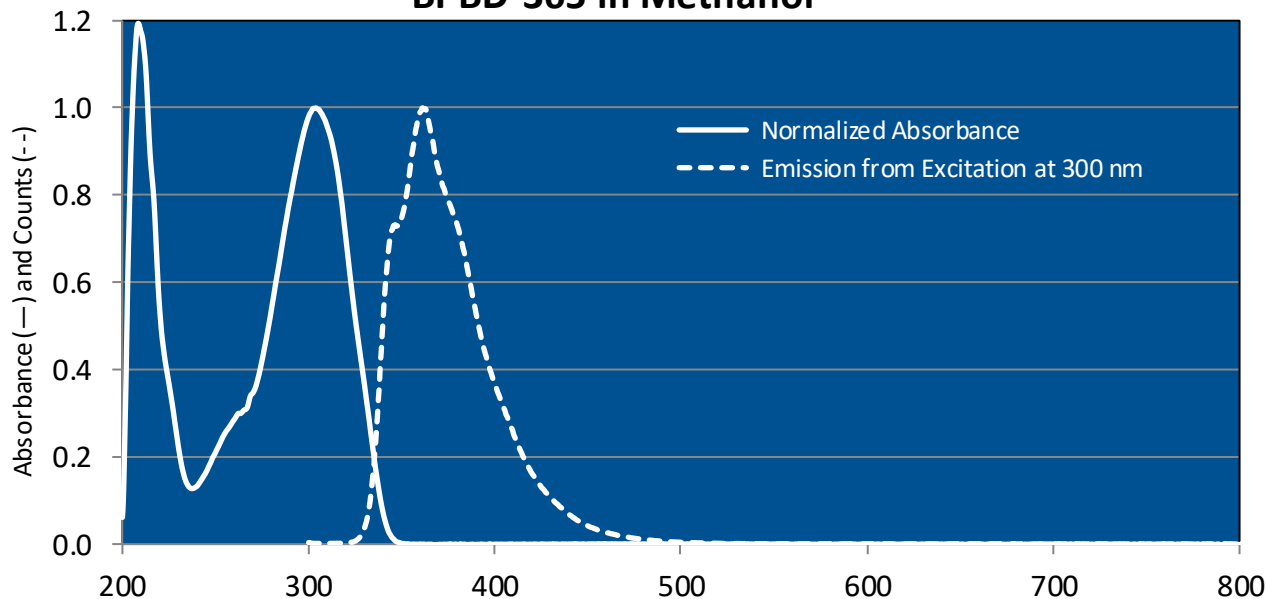


Lasing Wavelength

Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
364	355-380	FL ³	DMF	2×10^{-4}	304 ^p	364 ^p
357	341-365	XeCl(308) ¹¹⁴	Toluene/ethanol,4/6	2.9×10^{-3}	(p-Terphenyl), 1×10^{-4}	
				(BPBD-365)		
361/377	354-385	XeCl(308) ¹¹⁸	n-Hexane	4.6×10^{-4} (osc)		
363	356-385	XeCl(308) ¹¹⁴	p-Dioxane	8.5×10^{-4}		
364	356-385	XeCl(308) ¹¹⁴	Ethanol	8.5×10^{-4}		
367	362-387	XeCl(308) ¹¹⁰	Toluene/ethanol,1/1	3×10^{-4}		
362	354-388	Nd:YAG(266) ⁸¹	Cyclohexane	5×10^{-3} (osc), 1.25×10^{-3} (amp)		
365/380	350-390	N ₂ (337) ¹⁸³	p-Dioxane	4.5×10^{-3}		
365	357-395	N ₂ (337) ⁴	Toluene	4×10^{-3}		
366	360-391	N ₂ (337) ¹¹⁴	Toluene/ethanol,7/3	4.5×10^{-3}		
375	360-390	N ₂ (337) ⁹⁰	Toluene/ethanol,7/3	6.7×10^{-3}		
379	357-392	N ₂ (337) ¹¹⁴	p-Dioxane	4.5×10^{-3}		

p = p-dioxane

BPBD-365 in Methanol





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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:

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For a current list of biology, biological stain, or biochemistry references for BPBD-365 from PubMed, click on the following link:

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