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PBD

Synonym: 2-[1,1'-biphenyl]-4-yl-5-phenyl-1,3,4-oxadiazole

Catalog No.: 03660

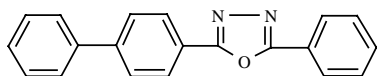
CAS No.: 852-38-0

MW: 298.33

Chemical Formula: C₂₀H₁₄N₂O

Appearance: White crystalline powder

Structure:



Max. Lasing Wavelength (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ -max	FI λ -max
363		FL ²	Ethanol	0.1 of saturation	302 ^e	362 ^e
355		KrF(248) ⁴⁴	Cyclohexane	5 x 10 ⁻³		
356	350-378	KrF(248) ⁴³				
358	353-379	XeCl(308) ¹¹⁴	Cyclohexane	1 x 10 ⁻³		
360	353-381	XeCl(308) ¹¹⁴	p-Dioxane	8 x 10 ⁻⁴		
363		XeCl(308) ¹¹²	Ethanol	5 x 10 ⁻⁴		
367	358-386	XeCl(308) ¹¹⁰	Toluene/ethanol,1/1	4 x 10 ⁻⁴		
	357-388	N ₂ (337) ⁴	Toluene	7 x 10 ⁻³		
362	354-364	N ₂ (337) ¹¹⁴	p-Dioxane	4 x 10 ⁻³		
365	357-390	N ₂ (337) ¹¹⁴	Toluene/ethanol,7/3	4 x 10 ⁻³		
366	360-386	N ₂ (337) ⁵	Toluene/ethanol,1/1	5 x 10 ⁻³		

e = ethanol

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