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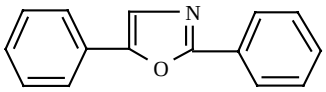
PPO

Synonym: 2,5-diphenyl-oxazole
Catalog No.: 03720
CAS No.: 92-71-7 **MW:** 221.26
Chemical Formula: $C_{15}H_{11}NO$
Appearance: White powder
Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	Fl λ-max
381		FL[2]	p-Dioxane	7×10^{-3}	303[e]	361[e]
372		KrF(248)[44]	Cyclohexane	1×10^{-3}		
377		XeCl(308)[114]	Methanol			
378		XeCl(308)[115]	Cyclohexane	1×10^{-3}		
375	368-382	Nd:YAG(266)[81]	Cyclohexane	5×10^{-3} (osc), 1.25×10^{-3} (amp)		
365/380	359-391	N_2(337)[4]	Toluene	6×10^{-3}		
378		N_2(337)[114]	p-Dioxane	1.8×10^{-3}		

e = ethanol

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

PPO (this abbreviation has multiple definitions in PubMed; fewer results may be obtained by combining with the term “dye”)