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p-TERPHENYL

Synonym: 1,1':4'1"-terphenyl; PTP

Catalog No.: 03400

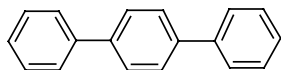
CAS No.: 92-94-4

MW: 230.31

Chemical Formula: C₁₈H₁₄

Appearance: White crystals

Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	FI λ-max
341	335-355	FL ³	DMF	1 x 10 ⁻⁴	276 ^c	339 ^c
337		KrF(248) ⁴⁴	Cyclohexane	1.25 x 10 ⁻³		335 ^t
338	326-358	KrF(248) ⁴³				
338		KrF(248) ⁴⁴	Ethanol	1 x 10 ⁻³		
339	322-336	KrF(248) ⁸⁵	Cyclohexane	1.1 x 10 ⁻³		
340	323-364	KrF(249) ¹	Cyclohexane	5 x 10 ⁻³		
340		KrF(248) ^{45,46}	p-Dioxane			
339	334-345	XeCl(308) ¹¹⁰	p-Dioxane	5 x 10 ⁻⁴		
340		XeCl(308) ¹¹²	Cyclohexane	2 x 10 ⁻³		
340	335-346	XeCl(308) ¹¹⁴	Cyclohexane	5.6 x 10 ⁻³		
341	334-347	XeCl(308) ¹¹⁸	Cyclohexane	4 x 10 ⁻³ (osc)		
341	334-350	XeCl(308) ²⁰⁴	p-Dioxane	1.6 x 10 ⁻³ (osc), 1.4 x 10 ⁻³ (amp)		
342	335-349	XeCl(308) ¹¹⁰	p-Dioxane	1 x 10 ⁻³		
342	336-349	XeCl(308) ¹¹⁴	Toluene/ethanol,4/6	3 x 10 ⁻³		
342	336-355	XeCl(308) ¹¹⁴	p-Dioxane	2 x 10 ⁻³		
343		XeCl(308) ¹¹⁵	p-Dioxane	2 x 10 ⁻³		
340	333-348	Nd:YAG(266) ⁸¹	Cyclohexane	2 x 10 ⁻³ (osc), 5 x 10 ⁻⁴ (amp)		

c = cyclohexane; t = toluene

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