

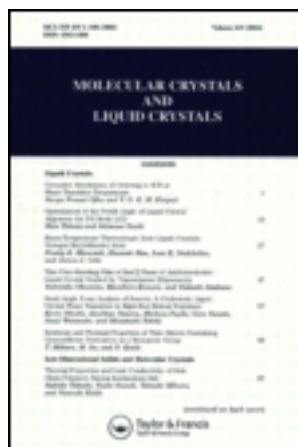
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Azobenzene derivatives

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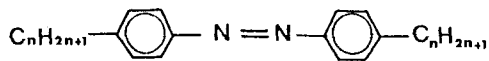
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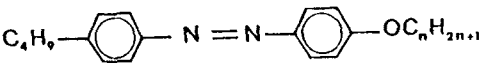
AZOBENZENE DERIVATIVES

4,4'-Bis-n-alkylazobenzenes



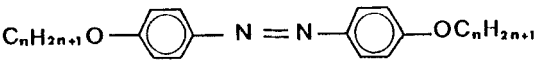
	n	K	N	I	Ref	
					Ph	Tr
2177	4	.	28.5	—		114
			7.89			115
			30			114*
			36.5			
2178	5	.	48.8	[42.8]		114
				0.21		115
				26.5		114*
				1.05		
2179	6	.	37.1	[26.8]		114
				0.13		115
				29.5		114*
				0.61		
2180	7	.	40.2	48.2		114
				0.26		115
				28.5		114*
				1.19		

4-n-Alkyl-4'-n-alkoxyazobenzenes



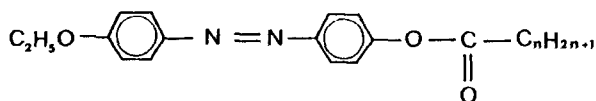
	n	K	S _A	N	I	Ref	
						Ph	Tr
2192	1	.	31.9	.	46.9	.	97
					ρ1.05 ₄₂	RO.3 ρ1.04 ₅₇	97*
2193	2	.	47.9	.	82.9	.	97
					ρ1.02 ₆₇	RO.35 ρ1.92	97*
2194	3	.	66.9	.	67.9	.	97
					ρ1.01 ₆₂	RO.3 ρ1.72	97*
2195	4	.	64.9	.	74.9	.	97
					ρ0.99 ₆₇	RO.36 ρ0.98 ₈₇	97*
2196	5	.	42.9	.	65.9	.	97
					ρ1.52	RO.31 ρ0.98 ₇₇	97*
2197	6	.	43.9	.	[40.9]	.	97
					ρ0.98 ₆₇	RO.36 ρ0.96 ₈₇	97*
2198	7	.	55.9	.	[54.9]	.	97
					ρ0.97 ₆₇	RO.31 ρ0.96 ₈₅	97*
2199	8	.	56.9	.	[57.9]	.	97
					RO.51 ρ0.96 ₇₆	RO.31 ρ0.95 ₈₇	97*
	9	.	62.9	.	[63.9]	.	97
2200	10	.	54.9	.	70.9	.	97
					RO.52 ρ0.96 ₆₇	RO.37 ρ0.94 ₉₀	97*
					RO.73 ρ0.95 ₇₄	RO.42 ρ0.93 ₈₇	97*

4,4'-Bis-n-alkoxyazobenzene



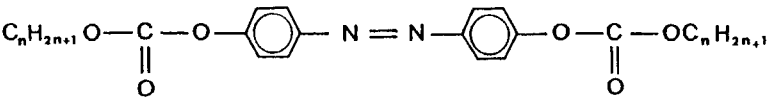
	n	K	N	I	Ref			
					Ph	Tr		
2218	6	.	101.5-102.2	.	114.1-114.7	.		115
								193
			R0.31					

4-Ethoxy-4'-acyloxyazobenzenes



	n	K		N		I		Ref	
		Ph	Tr	Ph	Tr	Ph	Tr	Ph	Tr
2282	4	.	79	.	127.2	.	.	106	.
		p1.226 ₂₈	.	p1.068 ₁₁₈	1.36	.	.	80*	.
		.	.	p1.04 ₁₁₈	>1.46	p1.03 ₁₃₀	73	73	.
		.	.	.	RO.43	.	80*	80	.
2283	5	.	72	.	128.6	.	.	106	.
		.	.	.	1.99	.	.	80*	.
		p1.21 ₂₈	.	p1.062 ₁₁₀	>2.17	.	73	73	.
		.	.	p1.04 ₁₁₀	RO.6	p1.02 ₁₃₀	80*	80	.
2284	6	.	65.7	.	119.3	.	.	106	.
		.	.	.	2.09	.	.	80*	.
		p1.19 ₂₈	.	p1.06 ₁₁₀	>1.95	.	73	73	.
		.	.	p1.03 ₁₁₀	RO.6	p1 ₁₃₀	80*	80	.
2285	7	.	85.9	.	119.8	.	.	106	.
		.	.	.	2.23	.	.	80*	.
		.	.	p1.02 ₁₁₀	RO.61	p0.99 ₁₃₀	80*	80	.
		.	.	.	.	.	.	.	.
2286	8	.	72.5	.	114.7	.	.	106	.
		.	.	.	1.91	.	.	80	.
		.	.	p1 ₁₁₀	RO.5	p0.99 ₁₂₀	80*	80	.
		.	.	.	.	.	.	.	.
2287	9	.	75.6	.	113.1	.	.	106	.
		.	.	.	2.20	.	.	80*	.
		.	.	p1 ₁₀₅	RO.55	p0.98 ₁₂₀	80*	80	.
		.	.	.	.	.	.	.	.
2288	10	.	79.2	.	110.1	.	.	106	.
		.	7.63	.	0.23	.	.	106	.
		.	53	.	58	.	.	27*	.
		.	14.3	.	0.37	.	.	80*	.
		.	.	.	2.12	.	.	73	73
		p1.16 ₂₈	.	p1.05 ₁₀₀	>1.9	p0.97 ₁₂₀	80*	80	.
2289	11	.	80.8	.	109.5	.	.	106	.
		.	.	.	2.3	.	.	80*	.
		.	.	p0.99 ₁₀₀	RO.53	p0.96 ₁₂₀	80*	80	.
		.	.	.	.	.	.	.	.
2290	12	.	83.5	.	106.7	.	.	106	.
		.	.	.	2.34	.	.	80*	.
		.	.	p0.98 ₁₀₀	RO.52	p0.97 ₁₁₀	80*	80	.
		.	.	.	.	.	.	.	.
2291	13	.	85.3	.	106.4	.	.	106	.
		.	.	.	2.28	.	.	80*	.
		.	.	p0.98 ₁₀₀	RO.49	p0.96 ₁₁₀	80*	80	.
		.	.	.	.	.	.	.	.

4,4'-Bis-alkoxycarbonyloxyazobenzene



	n	K		N		I	Ref	
							Ph	Tr
2381	2	.	96	.	121.1	.		32
			35.03		19.6			32