Subst.-4[benzylidene-amino]cinnamic acid

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SUBST.-4-[BENZYLIDENE-AMINO]-CINNAMIC ACID

4-Alkyl-4'-alkoxybenzylidene-aminocinnamate

$$C_nH_{2n+1}\ O\!\!-\!\!\bigcirc\!\!-\!\!CH\!=\!N\!-\!\!\bigcirc\!\!-\!\!CH\!=\!CH\!-\!\!\underset{\underset{O}{\|}}{C}\!-\!O\!-\!R$$
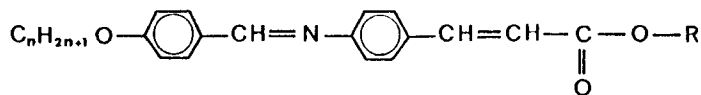
n	R	K		S_G^{*}		S_C^{*}		S_A		I	Ref	
											Ph	Tr
10	$-CH_2-CH(CH_3)-C_2H_5$	.	50	.	61	.	92	.	118	.		172★
			610		61		68		76			172★

The S(-) derivative exibits S_{Gr} and S_{cr} mesophases