The Reaction between Azomethines and Carbon Suboxide

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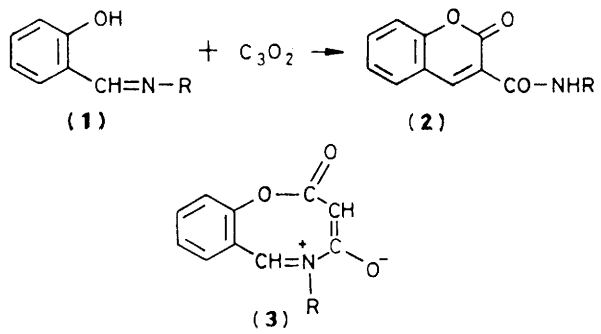
It is proposed that *o*-hydroxybenzylideneamines and carbon suboxide form 2*H*-1-benzopyran-2-one 3-carboxamides.

It is proposed that the condensation of the salicylideneamines (**1**) with carbon suboxide yields coumarin-3-carboxamides (**2**), rather than 1,5-benzoxazocines (**3**), as recently reported by Bonsignore *et al.*[1] With one exception (R = 4-$MeOC_6H_4$), the melting points quoted[1] are in fair agreement with those literature values for (**2**) that are available, and the i.r. spectral data also correspond well with earlier reports.[2] A sample of the *p*-toluidide (**2**; R = 4-MeC_6H_4), prepared by standard methods,[3] had m.p. 236—237 °C (lit.[4] m.p. 230 °C; lit.[1] for **3**; R = 4-MeC_6H_4, 230 °C).



(1) (2) (3)

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