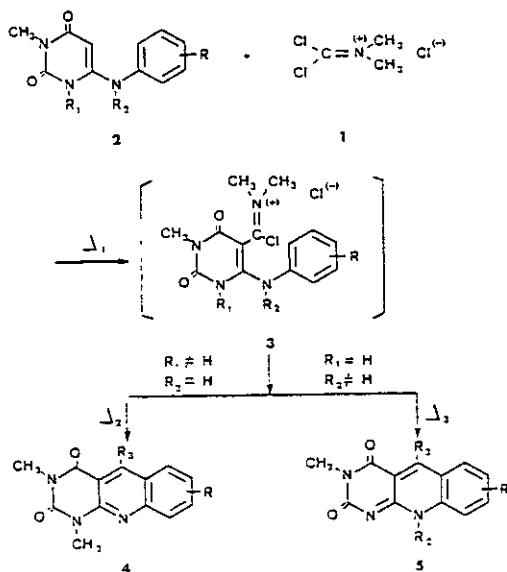


A novel and convenient "one pot" synthesis of 5-substituted pyrimido (4,5-b) quinolines including 5-substituted 5-deazaflavines

Bruno KOKEL - Institut Curie - Section de Biologie
26, rue d'Ulm - 75231 PARIS Cedex 05

The 6-(Aryl) and 6-(Alkyl, Aryl) amino uraciles 2 readily available from 6-chloro uracile and substituted primary and secondary anilines react with phosgeniminium salt 1 (Viehe's salt) leading with a very good yield, to the corresponding 5-chloro and/or 5-N,N dimethylamino pyrimido (4,5-b) quinolines 4 and 5-chloro and/or 5-N,N dimethylamino 5-deazaflavines 5. Some of the thermally stable amidochlorides 3 have actually been isolated and characterized.



R = Alkyl, Methoxy, Halogen
R₂ = CH₃, C₂H₅
R₃ = Cl, N(CH₃)₂