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Reactivity, ^{31}P , ^{13}C , ^1H NMR and IR Studies of Δ^5 -3-Dimethylamino-3-Oxo-1,2,3- Diazaphospholines

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REACTIVITY, ^{31}P , ^{13}C , ^1H NMR AND IR STUDIES OF Δ^5 -3-DIMETHYLAMINO-3-OXO-1,2,3-DIAZAPHOSPHOLINES

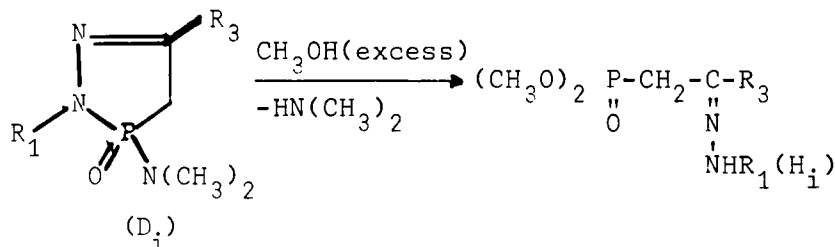
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In precedent work research (1)(2) we have reported a new synthesis method of the Δ^5 -3- dimethylamino-3-oxo-1,2,3 diazaphospholine derivatives (D_1). In this present work, we have to detail the reactivity and the structure of those heterocycles by N.M.R. (^{31}P , ^{13}C , ^1H) and I.R.

In Infra-Red spectroscopy, we show the existence of the intermolecular hydrogen bond of some compounds. The spectrum (^{31}P , ^{13}C , ^1H) and I.R. was reported of (D_1).

- Reactivity



(1) A. BEN AKACHA, Thesis of speciality (Faculty of Sciences of Tunis) April 1987. TUNISIA

(2) A. BEN AKACHA; N. AYED and B. BACCAR

First international Conference on Heteroatom chemistry (ICHAC 87); July 19-24 (1987)- KOBE (JAPAN).