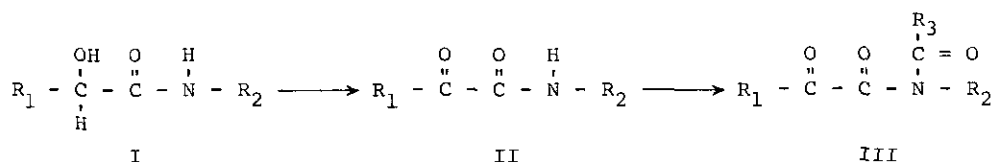


SYNTHESIS AND REACTIONS OF SOME 1,3-OXAZOLIUM-4-OLATE

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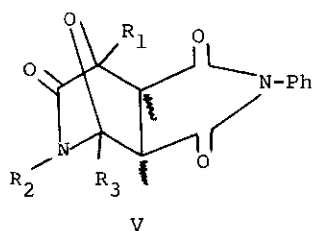
The synthesis of a number of benzoylglycoxylic amides and their conversion to 1,3-oxazolium-4-olates will be described (I $\rightarrow$ II $\rightarrow$ III $\rightarrow$ IV). The generality of this new synthesis of mesoionic compounds IV and some of their reactions will be discussed.



$\text{R}_1 = \text{C}_6\text{H}_5, \text{p-BrC}_6\text{H}_4, \text{p-CH}_3\text{C}_6\text{H}_4$

$\text{R}_2 = \text{C}_6\text{H}_5, 2,6(\text{CH}_3)_2\text{C}_6\text{H}_3, \beta\text{-naphthyl}$

$\text{R}_3 = \text{C}_6\text{H}_5, \text{p-NO}_2\text{C}_6\text{H}_4, \text{p-CH}_3\text{OC}_6\text{H}_4, \text{CH}_3, \alpha\text{-naphthyl}$



Exo and endo

