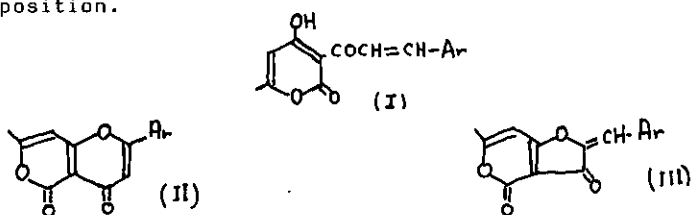


KOSTANECKI REACTION ADAPTED TO 3-CINNAMOYL 2-PYRONES

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Cinnamoyl 2-pyrones (I) are obtained by the action of aromatic aldehydes on dehydroacetic acid. The Kostanecki reaction applied to these derivatives should lead to two series of compounds (II) and (III) according the reactivity of the two bromine atoms in α and β position.



But the basic conditions of this reaction induce the opening of the pyrone ring and limit its use for the preparation of (II) and (III) compounds.

In this work we report the results obtained and new conditions applicable to derivatives type (I) with preservation of the pyrone ring.