

## The IR and UV spectra of enol forms of N-butyl-4-cyano-2, 3-dioxopyrrolidine and N-butyl-4-carboethoxy-2, 3-dioxopyrrolidine

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### Abstract

1. The five-membered chelate ring of enols of  $\alpha$ -diketones and the six-membered chelate ring of  $\beta$ -cyanoketones, if it is formed, has a strength analogous to the intermolecular hydrogen bond.
2. A decrease in the conjugation in the quasiaromatic six-membered chelate ring of cyclic  $\beta$ -keto-esters with substituted five-membered rings is observed. © 1969 Consultants Bureau.

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