

## **Esters of $\beta$ -ketophosphonic acids. VII. The products of the reaction of $\alpha$ -chlorocyclohexanone with the diethyl ester of ethylphosphonous acid and the sodium salt of the monoethyl ester of ethylphosphonous acid**

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### **Abstract**

The action of diethyl ethylphosphonite on  $\alpha$ -chlorocyclohexanone gives cyclohexen-1-yl-1-ethyl ethylphosphonate, Cyclohexen-1-yl-1-ethyl ethylphosphonate is also obtained by the action of sodium monoethyl ethylphosphonite on  $\alpha$ -chlorocyclohexanone. © 1961 Consultants Bureau.

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