

## **Structure of reaction products of benzylidenemalononitrile with tri(dimethylamino)phosphine, trimethyl phosphite and dimethylphosphorous acid**

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### **Abstract**

1. The reaction of tri(dimethylamino)phosphine with benzylidenemalononitrile gives a 1:1 adduct of bipolar structure with a P-C bond; some of the chemical properties of this adduct were studied. 2. Both trimethyl phosphite and dimethylphosphorous acid add to benzylidenemalononitrile at the C=C double bond. 3. The structure of the obtained products was confirmed by the IR and NMR spectra. © 1972 Consultants Bureau.

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