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## Reaction of trimethyl phosphite and dimethylphosphorous acid with 1-phenyl-3-methyl-4-benzylidene-5-pyrazolone

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### Abstract

1. Trimethyl phosphite adds to 1-phenyl-3-methyl-4-benzylidene-5-pyrazolone in two ways: To the conjugated systems to form dimethyl (1-phenyl-2,3-dimethyl-5-pyrazolon-4-yl)benzylphosphinate and dimethyl (1-phenyl-3-methyl-5-methoxy-4-pyrazolyl)benzylphosphinate. 2. The structures of the products are confirmed by chemical and spectroscopic data. © 1970 Consultants Bureau.

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