

## **Reaction of trimethyl phosphite and tri(dimethylamino)phosphine with C,N-diphenylnitrone and 2,5-diphenyl-3,4-diazacyclopentadien-1-oxide-3,4-dioxide**

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### **Abstract**

1. C,N-Diphenylnitrone reacts with trimethyl phosphite to give trimethyl phosphate and benzaniline. 2. C,N-Diphenylnitrone and 2,5-diphenyl-3,4-diazacyclopentadien-1-oxide-3,4-dioxide react with tri-(dimethylamino)phosphine in two directions: with the transfer of oxygen from the nitrone to the tri(dimethylamino)phosphine, and with the formation of bipolar ions, which were isolated as the sodium salts by reaction with sodium tetraphenylboronate. © 1975 Plenum Publishing Corporation.

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