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## The Reaction of Benzothiazolesulfenamide with Phospiiorus-Containing Reagents

Jing-Lin Zhanga; Xiao-Bo Maa

<sup>a</sup> Institute of Organic Synthesis, Huazhong Normal University, wuhan, Hubei, P.R.C.

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THE REACTION OF BENZOTHIAZOLESULFENAMIDE WITH PHOSPHORUS-CONTAINING REAGENTS

JING-LIN ZHANG and XIAO-BO MA Institute of Organic Synthesis, Huazhong Normal University, Wuhan, Hubei, P.R.C.

T.Sigeru reported the reaction of 2-benzothiazolesulfenamide with phosphites, but other P-reagents have not been used.

We found that this compound can react with tris(dialkylamino)phosphines or bis(dialkylamino)phosphites to give products (I). No S-N bond cleavage was observed in the reaction performed as described by T.Sigeru. In the presence of substituent in amino group, the reaction proceeds differently.

T.Sigeru, S.Noboru, T.Hides, Chem. Lett. 1980, 695.