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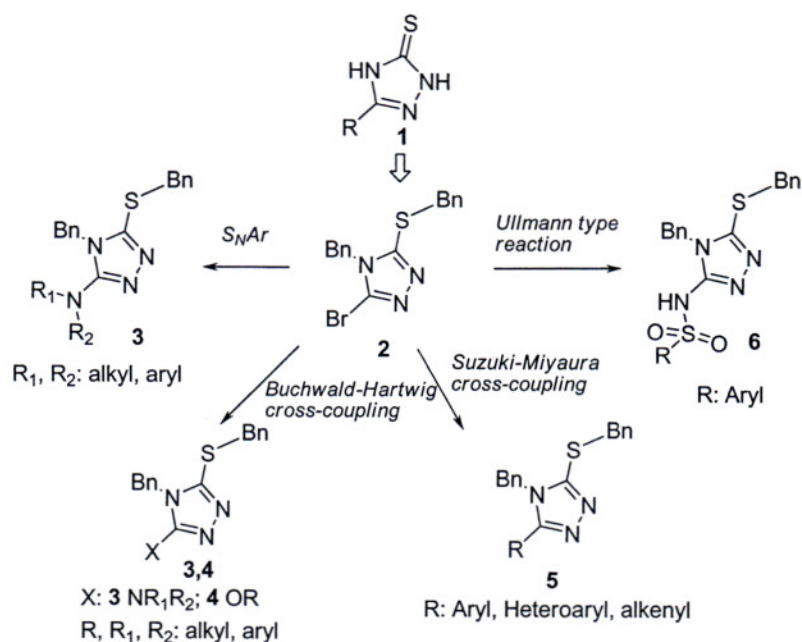
**BUILDING BLOCK APPROACH FOR THE SYNTHESIS OF
1,2,4-TRIAZOLE-3-THIONES**

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1,2,4-Triazole-3-thiones **1** have received considerable attention because of their synthetic importance and wide range of pharmacological activity.

Here we present the synthesis of 5-substituted-1,2,4-triazole-3-thiones by derivatization of specially designed building block **2** which could be easily synthesized in four steps. The building block **2** was subjected to S_NAr , Buchwald-Hartwig cross-coupling, Suzuki-Miyaura cross-coupling and Ullmann type reactions with commercially available amines, alcohols, boronic acids or sulfonamides to give dibenzyl protected 1,2,4-triazole-3-thiones **3-6** in moderate to good yields.



Cleavage of benzyl groups gave the desired 1,2,4-triazole-3-thiones **1** in good to excellent yields.