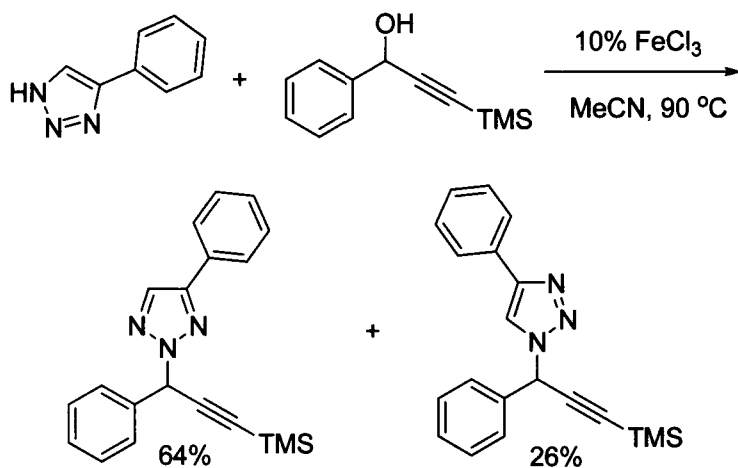


The selective formation of N-2 substituted triazoles has been recently reported.⁹ The alkylation of 4,5-dibromotriazole with ethylbromide produces the N-2 alkylated product in an 87:13 ratio.⁹ The dibromo-triazole is then readily converted into the monobromo-triazole.

Recently propargyl alcohols were reported to undergo FeCl_3 -catalyzed triazole propargylation to yield propargylated triazoles.¹⁰ A mixture of N-2 and N-1 isomers is generally produced. The products of the reaction were then further derivatized via click chemistry to synthesize bis-triazole systems.



Biaryl-1,2,3-triazoles have been reported to undergo direct palladium-catalyzed arylation to yield annulated phenanthrenes.¹¹

