SYNTHESIS AND REACTIONS OF 1,2,3-TRIAZINES

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1,2,3-Triazines (1) were synthesized through the LTA (Pb(AcO)₄) oxidation of the corresponding N-aminopyrazoles. Reactions of 1 (to form the compounds shown below) have been investigated.

Unsubstituted 1,2,3-triazine (1a) was synthesized by an oxidation of 1-aminopyrazole with nickel peroxide (NPO).

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\[ \text{R}^1 = \text{R}^2 = \text{R}^3 = \text{H} \]

\[ \text{R}^1 = \text{Me}, \text{R}^2 = \text{R}^3 = \text{H} \]

\[ \text{R}^1 = \text{R}^2 = \text{Me}, \text{R}^3 = \text{H} \]

\[ \text{R}^1 = \text{Me}, \text{R}^2 = \text{Ph}, \text{R}^3 = \text{H} \]

\[ \text{R}^1 = \text{R}^2 = \text{R}^3 = \text{Me} \]

Unsubstituted 1,2,3-triazine (1a) was synthesized by an oxidation of 1-aminopyrazole with nickel peroxide (NPO).