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Simple Synthesis of α -Oxime Derivatives of 2-Ketomethyl Quinolines under Mild and Heterogeneous Conditions

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Abstract: 2-Ketomethyl quinolines are converted to their α -oximinoketone derivatives in quantitative yields using sodium nitrite in the presence of silica sulfuric acid as nitrosating agent under mild and heterogeneous conditions.

Key Words: Quinolines, α -oximinoketones, heterogeneous catalysis, nitrosation

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