

# Zr-MCM-41 Nanoreactors as Efficient and Reusable Catalysts in the Synthesis of New Aminonitriles by the Strecker Reaction

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**摘要** The synthesis and characterization of Zr-MCM-41 nanoreactors and their catalytic activity in the synthesis of new amino nitrile derivatives by the Strecker reaction in high yields and in short reaction times is reported.

**关键词:** Zr-MCM-41 Strecker reaction aminonitrile three component one-pot reaction

**Abstract:** The synthesis and characterization of Zr-MCM-41 nanoreactors and their catalytic activity in the synthesis of new amino nitrile derivatives by the Strecker reaction in high yields and in short reaction times is reported.

**Keywords:** Zr-MCM-41, Strecker reaction, aminonitrile, three component one-pot reaction

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