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Baker Yeast a Greener Catalyst for Synthesis of Diverse Heterocyclic Compound: A Review

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Abstract:*Saccharomyces cerevisiae, usually referred to as baker's yeast, has gained important importance as a gentle, low-cost, environmentally benign catalyst. at the start it had been largely used as AN economical catalyst for the enantioselective reduction of carbonyl compounds. Over the last decade, baker's yeast has found versatile chemical change applications in numerous organic transformations. several multicomponent reactions were conjointly catalyzed by baker's yeast. numerous heterocyclic scaffolds with huge biological activities were synthesized by using baker's yeast as catalyst at temperature. during this communication, we've got summarized baker's yeast catalyzed numerous organic transformations focusing totally on heterocyclic synthesis.*

Keywords: Microbiome, Plant Growth-Promoting Bacteria, etc.

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