

Review on Synthesis in Deep Eutectic Solvents

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Abstract: *The synthesis of heterocycles is a fundamental area of organic chemistry that offers enormous potential for the discovery of new products with important applications in our daily life such as pharmaceuticals, agrochemicals, flavors, dyes, and, more generally, engineered materials with innovative properties. As heterocyclic compounds find application across multiple industries and are prepared in very large quantities, the development of sustainable approaches for their synthesis has become a crucial objective for contemporary green chemistry committed to reducing the environmental impact of chemical processes. This review focuses on the application of DESs in materials synthesis. After a brief summary of their use in organic synthesis, four strategies for materials synthesis are surveyed*

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