

Organocatalytic Domino and Multicomponent Reactions of 1,3- Dicarbonyls for the Synthesis of Enantioenriched Heterocycles



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A general perspective of the research program aimed towards the preparation of polycyclic heterocycles by the means of enantioselective organocatalytic reactions will be presented. β -Dicarbonyl compounds are generally used as pronucleophiles in the synthesis of these heterocycles and their polyfunctional nature makes them ideal substrates for multiple- bond-forming transformations (MBFTs) including domino processes and multicomponent reactions.