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SYNFACTS
Highlights in
Chemical Synthesis

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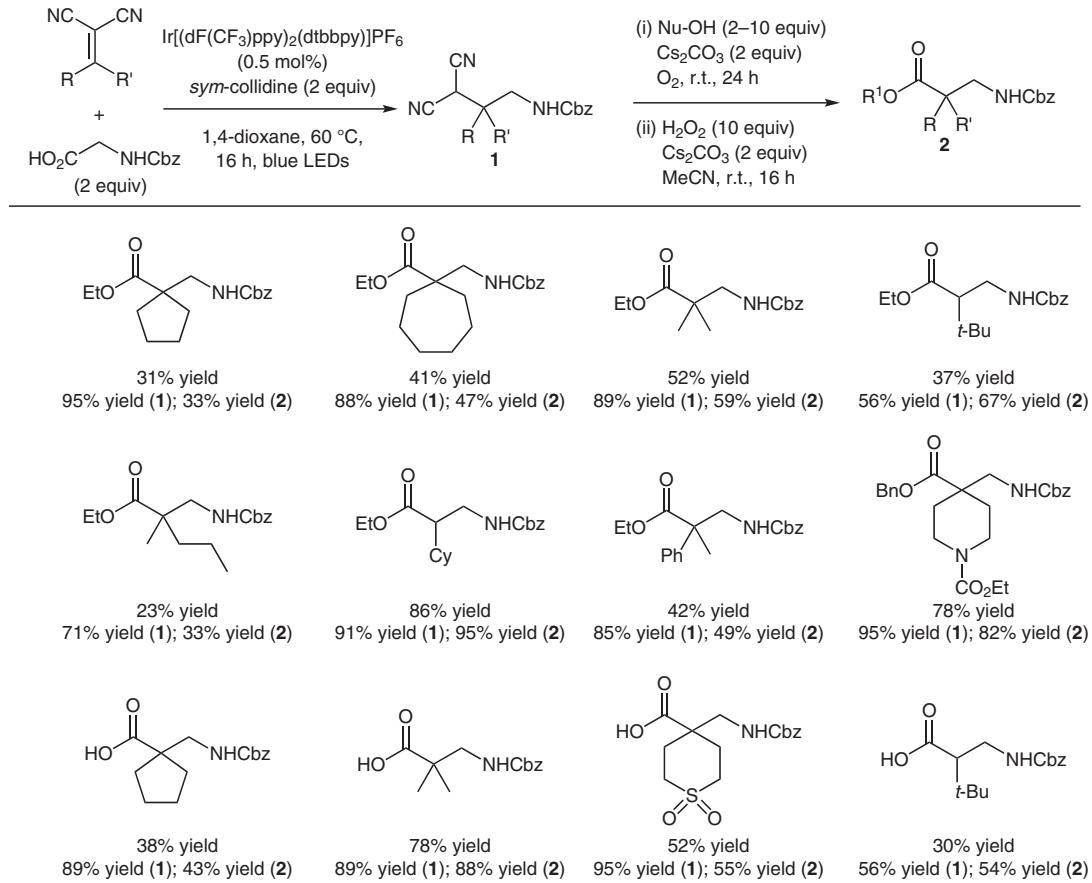
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Two Step Synthesis of $\beta^{2,2}$ -Amino Acids from Alkylidenemalononitriles and Cbz-Gly



Significance: The β -amino acid motif is present in several important natural products. The authors have reported the $\beta^{2,2}$ -amino acids synthesis from alkylidenemalononitriles and Cbz-glycine via β -quaternary malononitriles.

Comment: The desired $\beta^{2,2}$ -amino acids were formed by oxidation of quaternary malononitriles, which were prepared from various alkylidenemalononitriles and glycine derivatives by the help of iridium catalysis.