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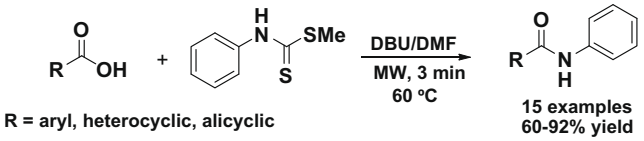
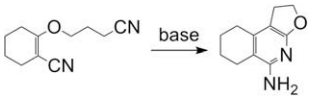
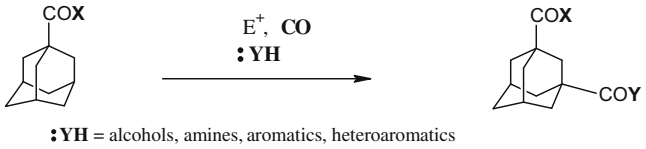
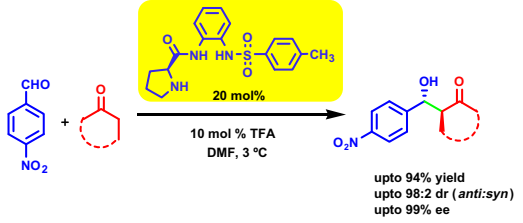
Contents

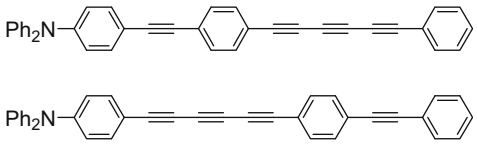
COMMUNICATIONS

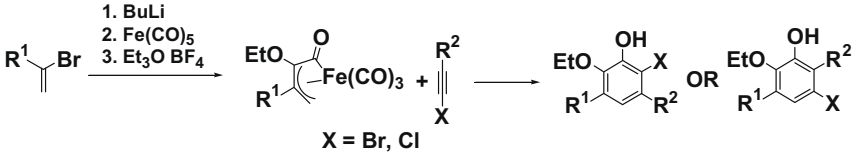


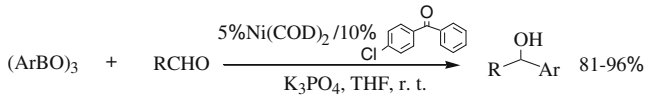


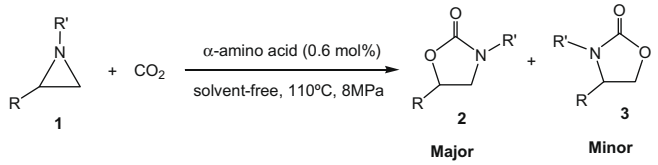




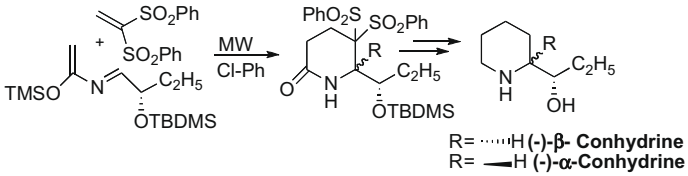


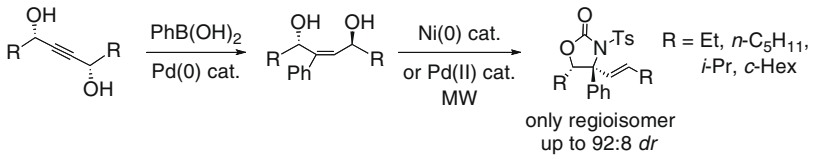


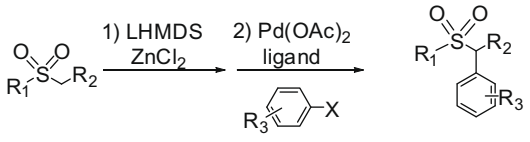


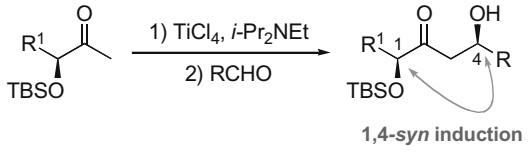


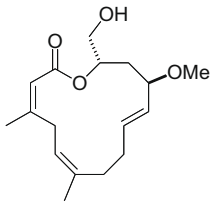
Naturally occurring α-amino acid successfully catalyzed cycloaddition of aziridine with carbon dioxide to afford 5-aryl-2-oxazolisinones under mild conditions without the need of any additives. The scope of this reaction is very general, providing the corresponding products in good yields and excellent regioselectivity (87:13–100:0) regardless of the α-amino acid examined and a wide variety of N-substituted aziridines employed. Two possible reaction pathways for the reaction were also discussed.



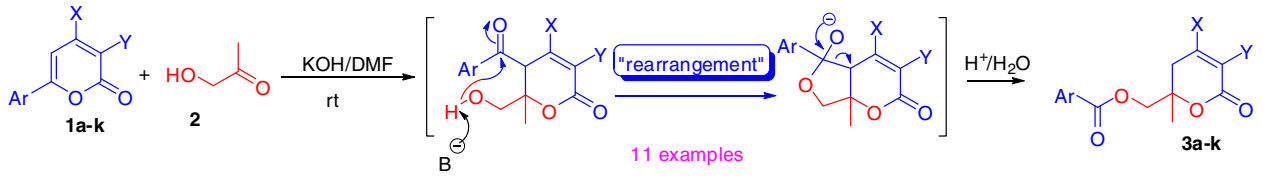


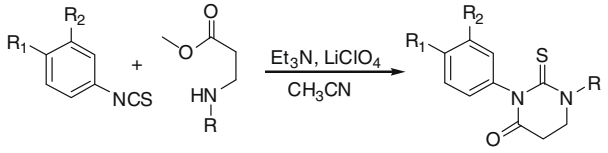


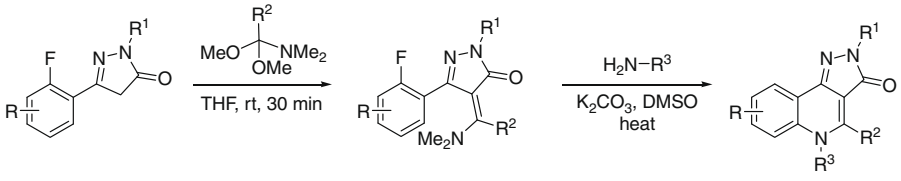


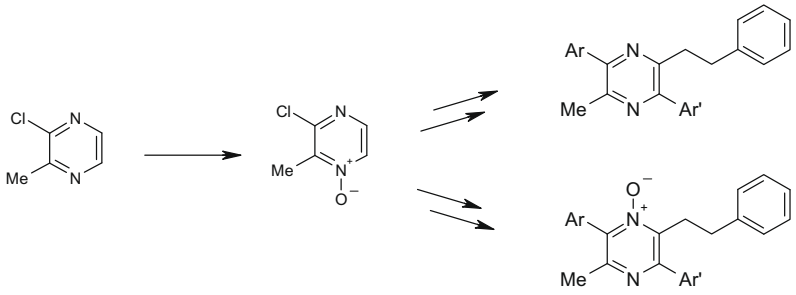


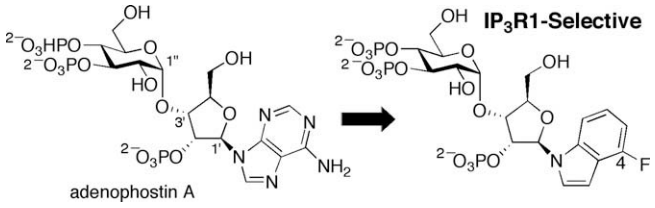
A 14-membered macrolide, koshikalide (**1**), was isolated from the marine cyanobacterium *Lyngbya* sp., and its relative stereostructure was elucidated by spectroscopic analysis.

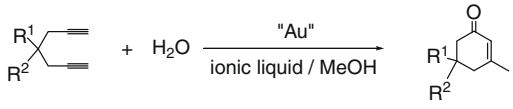


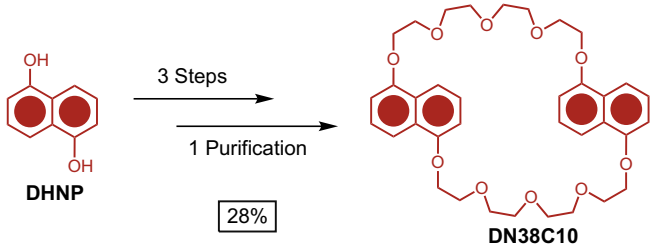


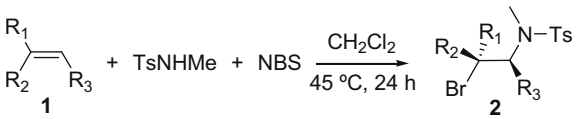




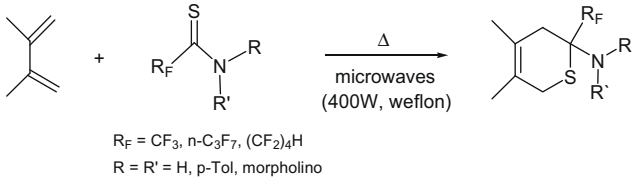




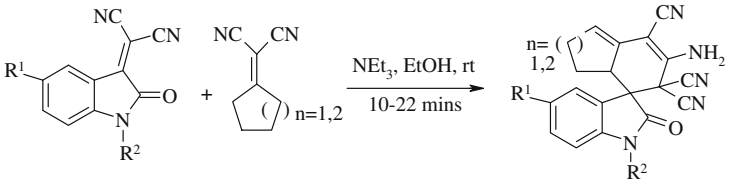




A catalyst-free aminohalogenation system was reported with *N*-methyl-*p*-toluenesulfonamide as nitrogen resource.



First examples of microwave-assisted hetero-Diels–Alder reactions of polyfluoroalkanethiocarboxylic acid amides and 2,3-dimethylbutadiene.



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*Corresponding author
Supplementary data available via ScienceDirect

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