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Tetrahedron Letters

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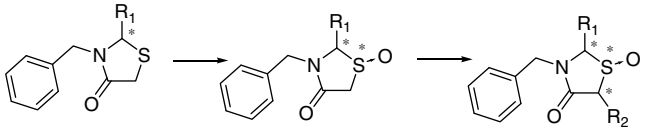
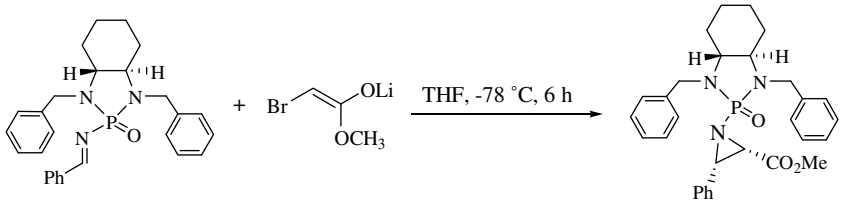
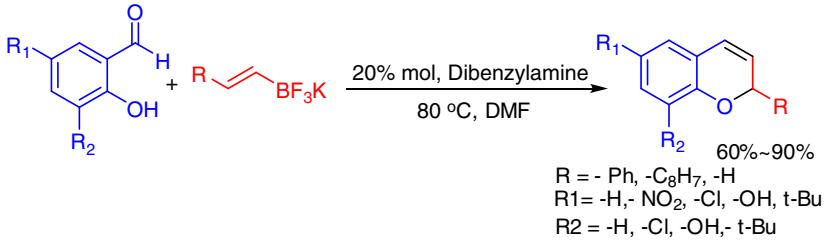
Contents

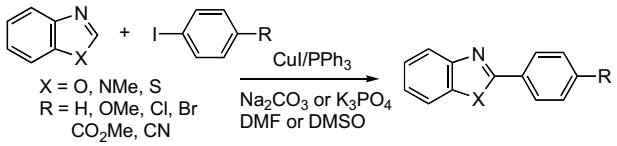
COMMUNICATIONS

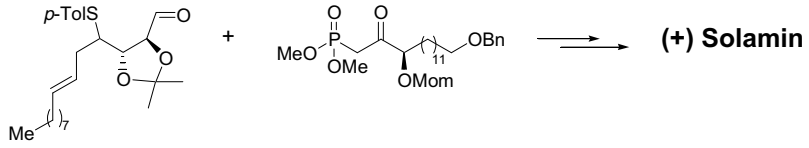


Diastereoselectivity in the oxidation of different 4-thiazolidinones was discussed. Alkylation of these compounds with benzyl bromide was also studied. The stereoselectivity obtained was interpreted by the presence of the sulfoxide.

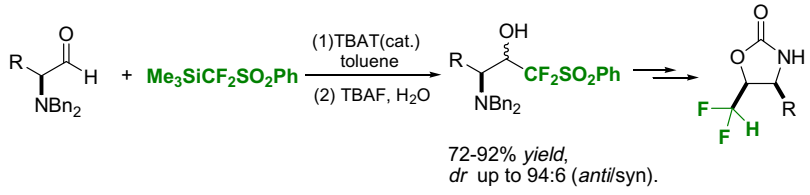


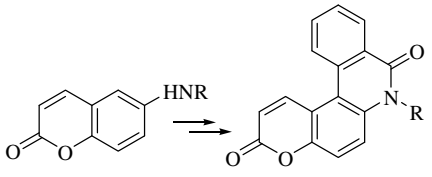


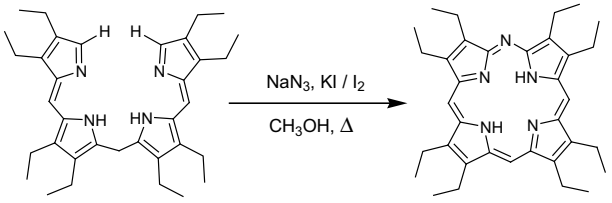




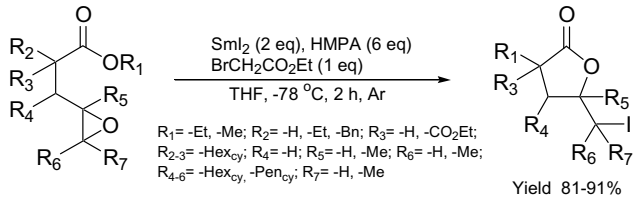
A modular formal synthesis of (+)-solamin is disclosed.

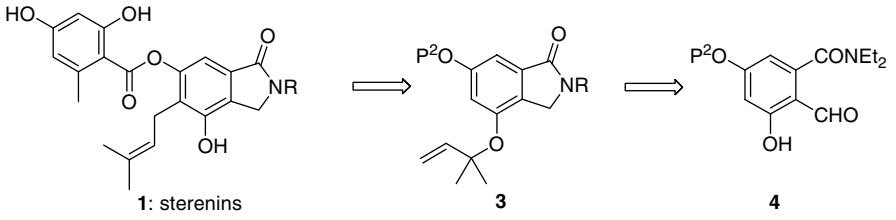


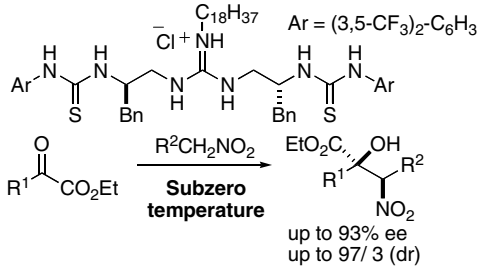


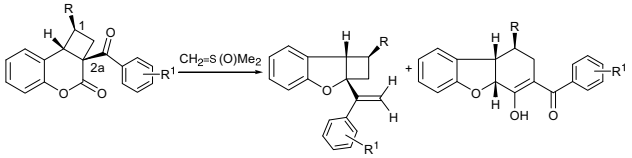


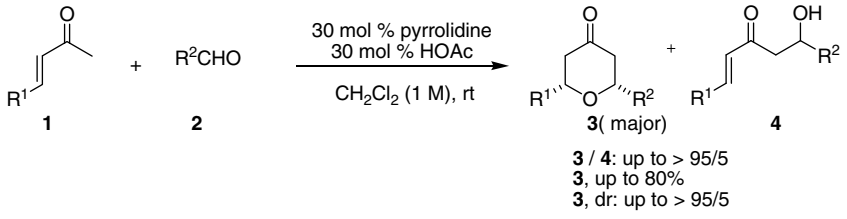
A novel and concise route from 1,19-dideoxybiladiene-*ac* to monoazaporphyrin was developed.

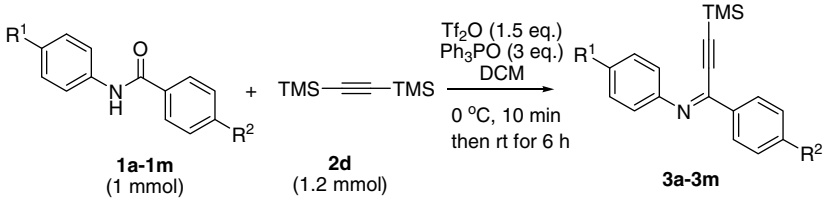


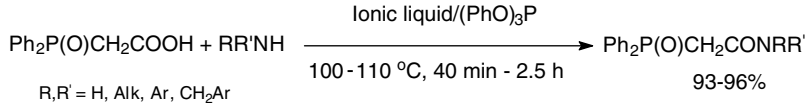


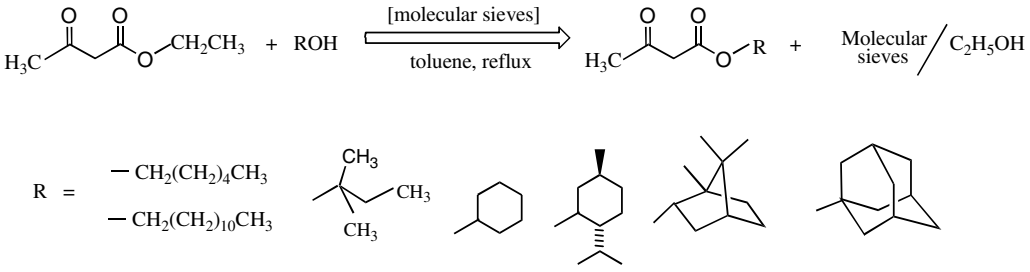




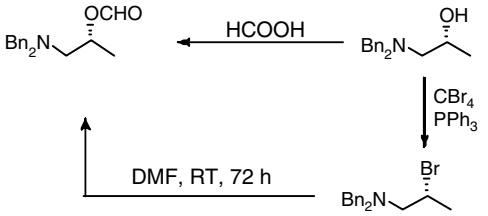




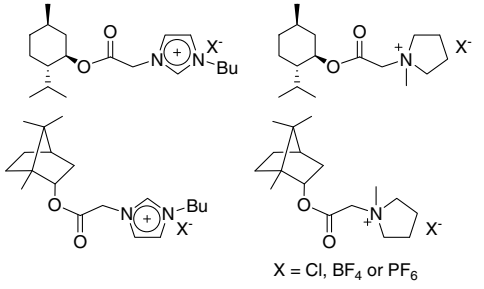


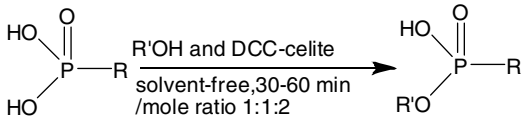


2-Bromoethylamines are converted to the corresponding formate esters in the presence of DMF. Both primary and secondary bromides are smoothly transformed to the esters in satisfactory yields. Participation of the β-amino group appears to control not only the regioselectivity but also the stereoselectivity of the reaction. Application of the reaction conditions to chiral substrates indicated that non-rearranged products are formed with retention of configuration at the reacting center.

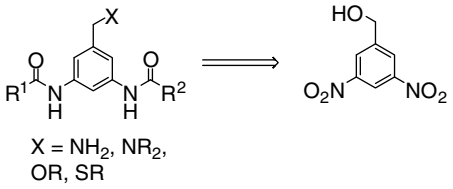


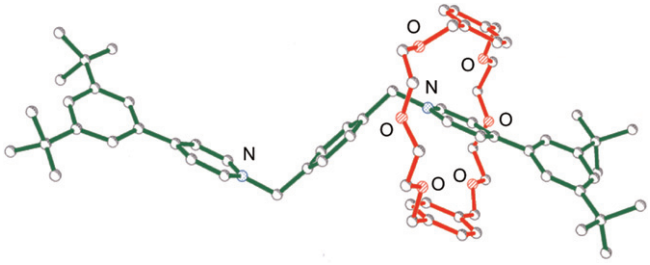
New chiral ionic liquids (CILs) based on (−)-menthol and (−)-borneol were designed and synthesized in very good yields using a simple and efficient 3-step strategy. The properties and characterization of these compounds are discussed.

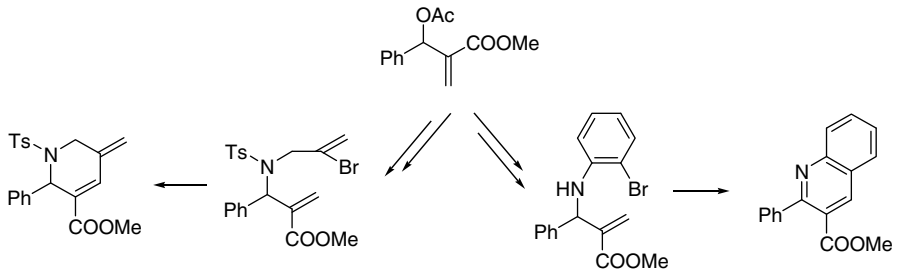


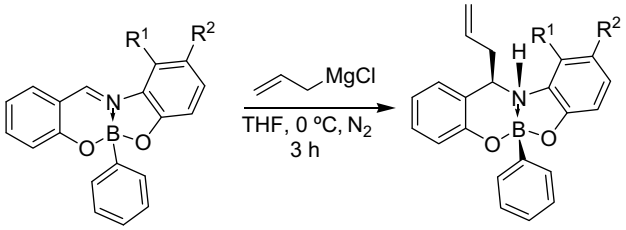


An efficient and solvent-free synthesis of *O*-alkyl hydrogen alkyl phosphonates is described.

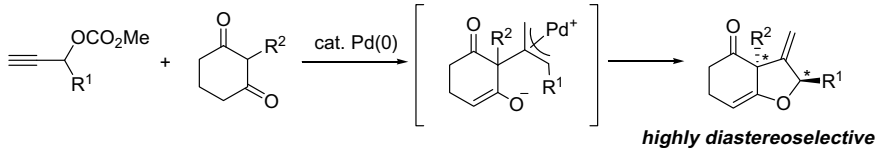


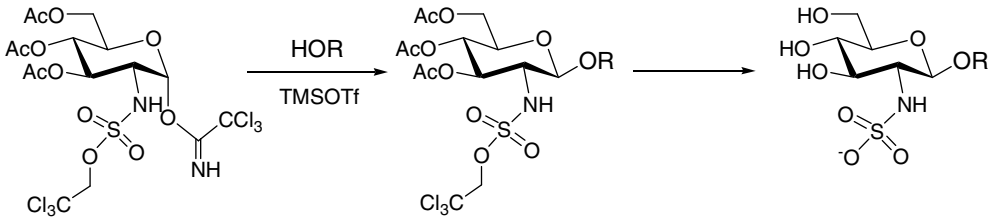


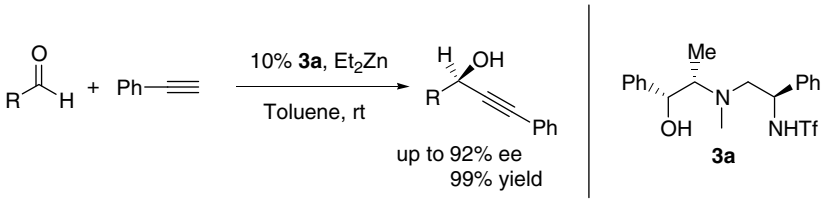


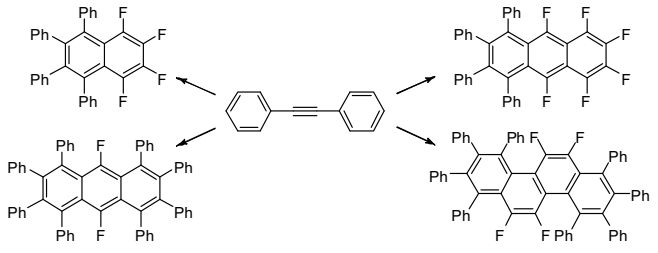


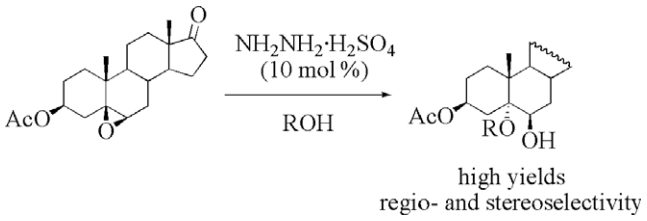
	R1	R2
a:	H	H
b:	H	Cl
c:	H	*t*-Bu
d:	H	Me
e:	Me	H

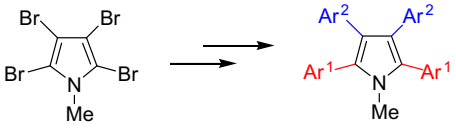


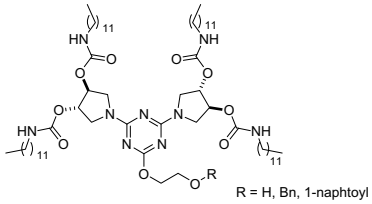




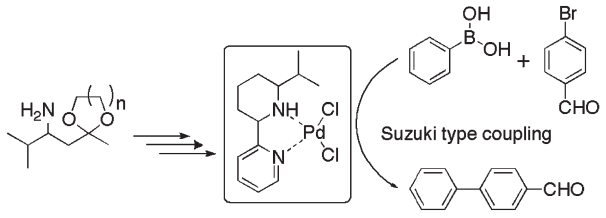




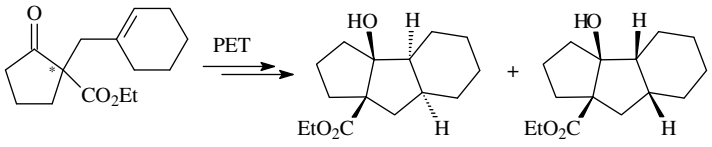




New compounds based on a triazine ring are synthesized and studied as efficient organogelators.



Novels 2-(2-pyridyl)-6-isopropyl piperidines Pd(II) complexes are described and their catalytic activity estimated through Suzuki coupling reaction.



OTHER CONTENT

*Corresponding author
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