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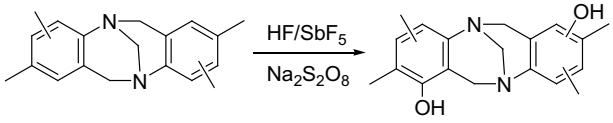
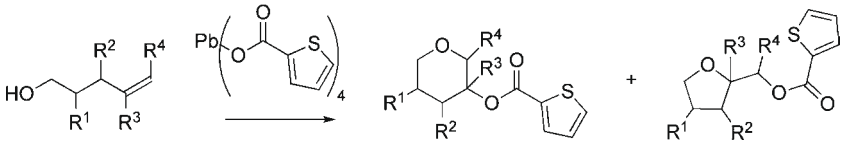
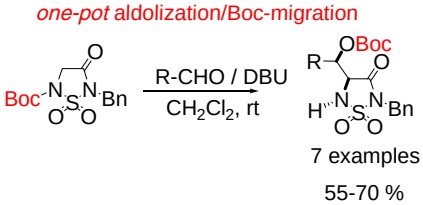
Contents

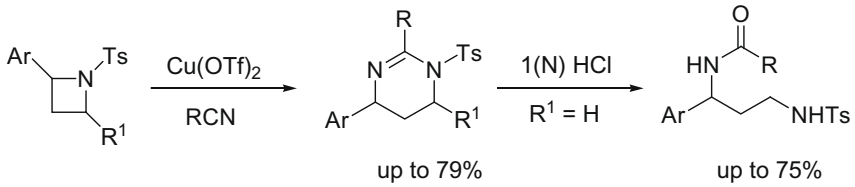
Communications



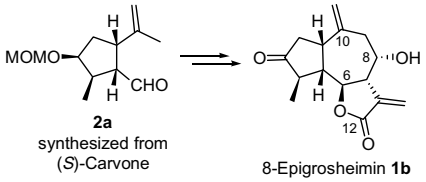
In HF/SbF_5, Tröger's bases have been selectively hydroxylated in good yields on aromatic rings, using sodium persulfate as hydroperoxonium $H_3O_2^+$ precursor.



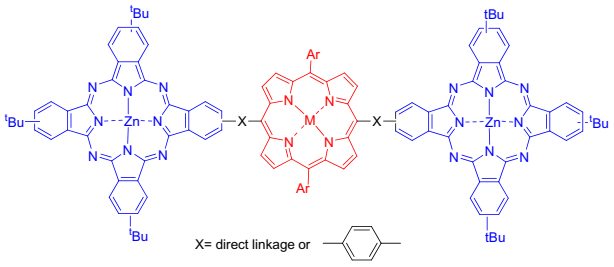


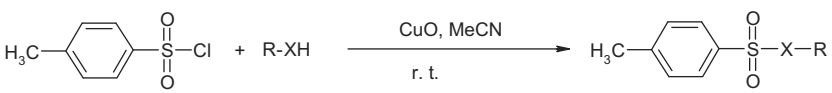


Ar = Ph, 2-ClC_6H_4, 4-ClC_6H_4, 3-BrC_6H_4, 4-$MeOC_6H_4$; R = CH_3, Ph, CH_2Ph, 4-EtC_6H_4
R^1 = Et, *n*-Pr



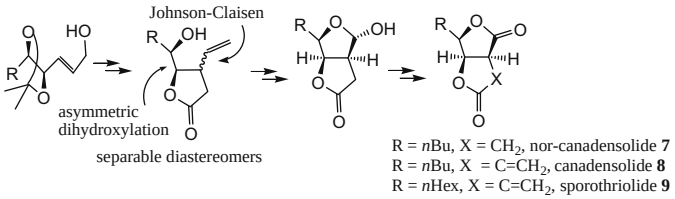
The first diastereoselective total synthesis of 8-epigrosheimin, isolated as an amoebicidal and antibiotic compound from *Crepis virens*, was accomplished relying entirely on substrate-controlled methods.

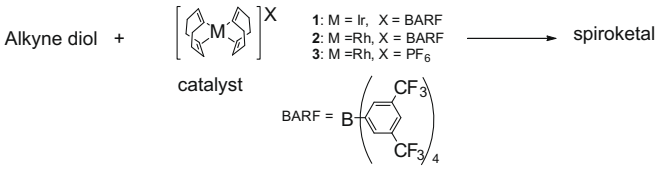


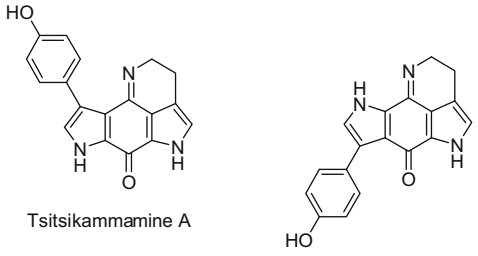


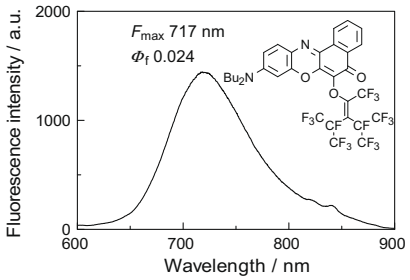
X: O, NH
R: Alkyl, Phenyl

Cupric oxide efficiently catalyzed the synthesis of sulfonamides and sulfonic esters. This method has been applied to a variety of substrates including nucleophilic and sterically-hindered amines, alcohols and phenols with excellent yields of sulfonamides and sulfonic esters. The remarkable selectivity under mild and neutral conditions of this commercially available inexpensive catalyst is an attractive feature of this method.



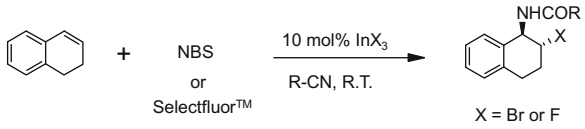


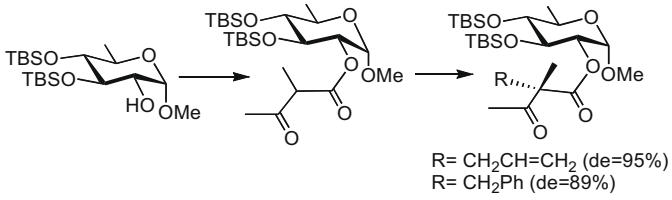


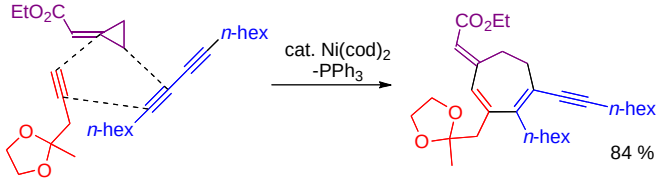


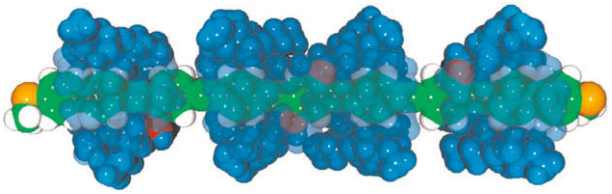
Solid-state fluorescence spectrum

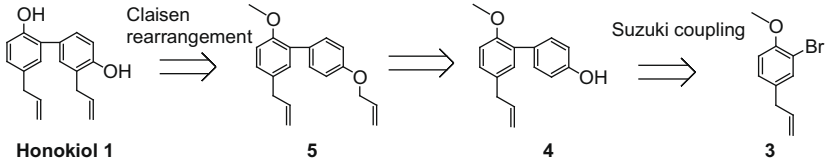
The first near-infrared fluorescent naphthooxazine dyes.











A simple synthesis of honokiol **1** has been developed which proceeds in four steps and provides a 32% overall yield.

*Corresponding author
Supplementary data available via ScienceDirect

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