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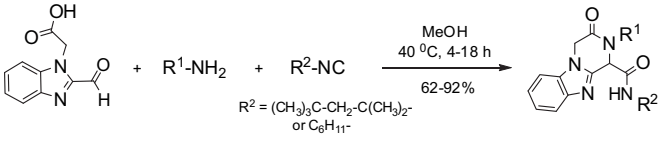
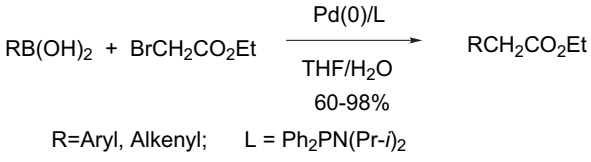
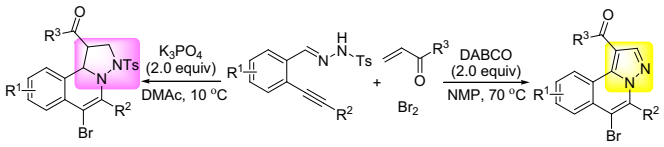
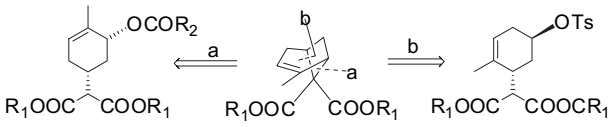
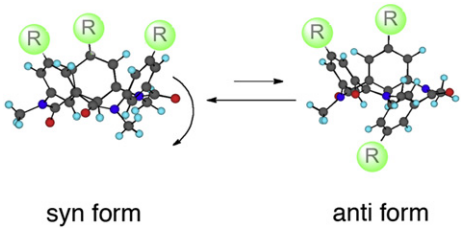
ARTICLES

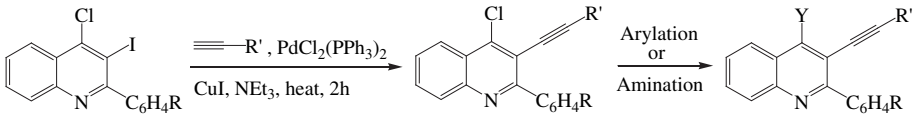


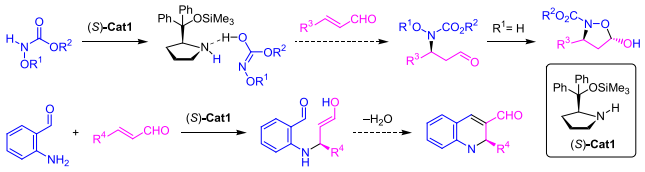




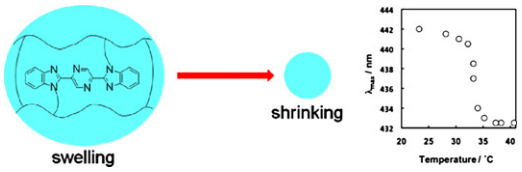


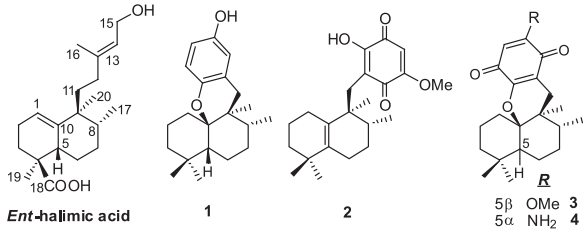




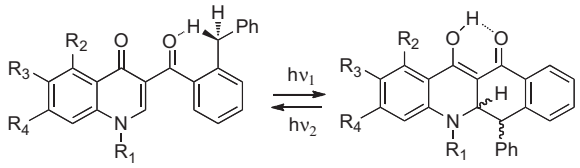


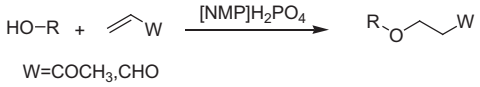
(*S*)-**Cat1**-catalyzed aza-Michael reactions: same catalyst, different reaction mechanisms!

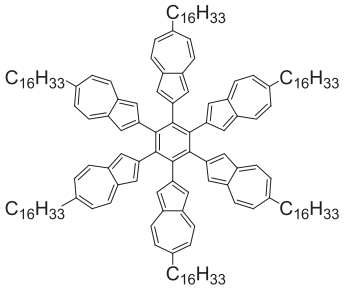




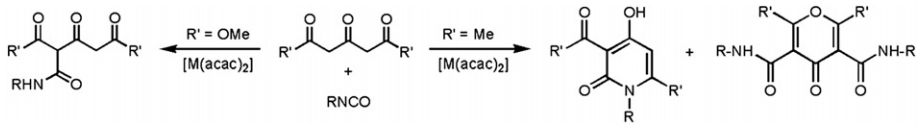
The syntheses of (−)-aureol **1**, (−)-neomamanuthaquinone **2**, (−)-smenoqualone **3**, and the formal synthesis of (−)-cyclosmenospongine **4**, from *ent*-halimic acid are described.

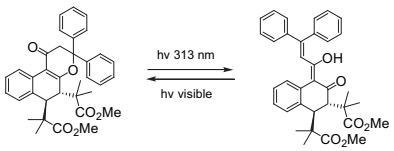


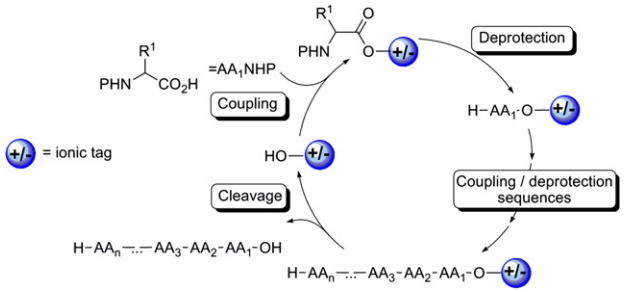




'Spontaneous uniform homeotropic alignment' is revealed in the Col_{hd} mesophase on non-treated glass substrate as the first example in a discotic liquid crystalline azulene derivatives.







*Corresponding author
Supplementary data available via ScienceDirect

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