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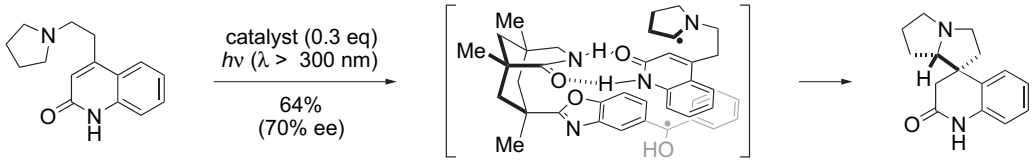
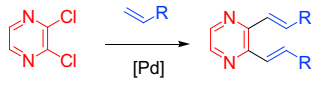
Contents

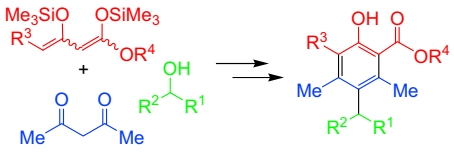
REPORT

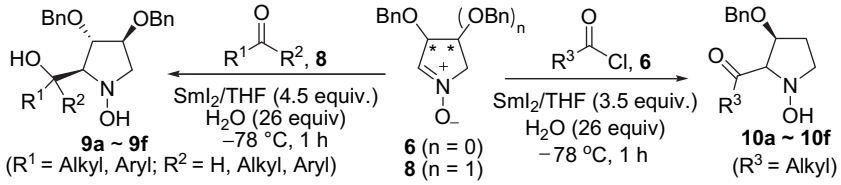


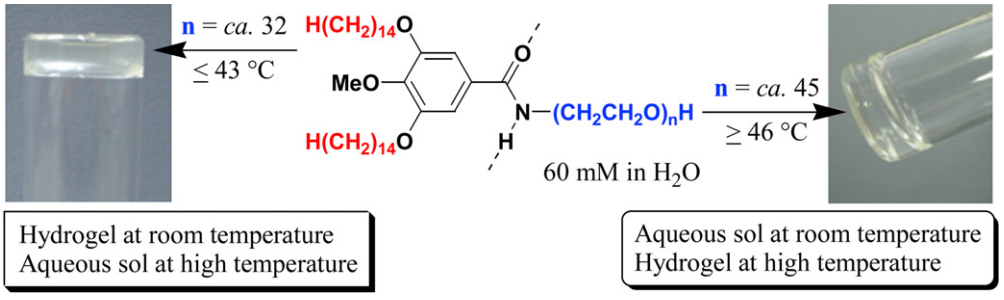
This report is the second part of a two part overview of recent advances in radical reactions in organic synthesis. It covers radical cyclisations as well as radical fragmentations and rearrangements. The report includes just under 300 references.

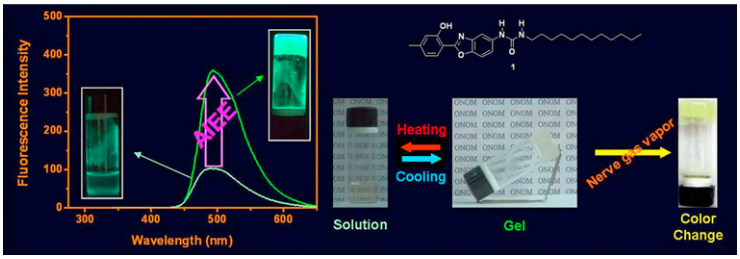
ARTICLES



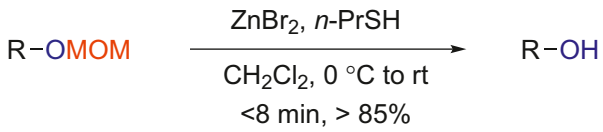


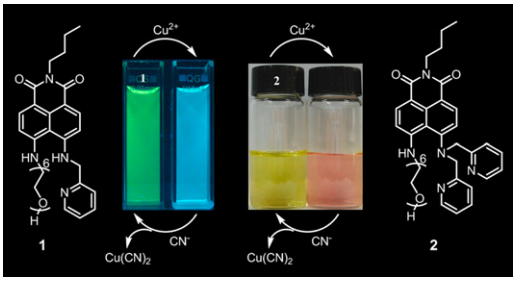


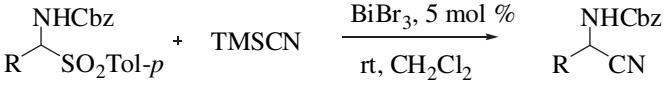




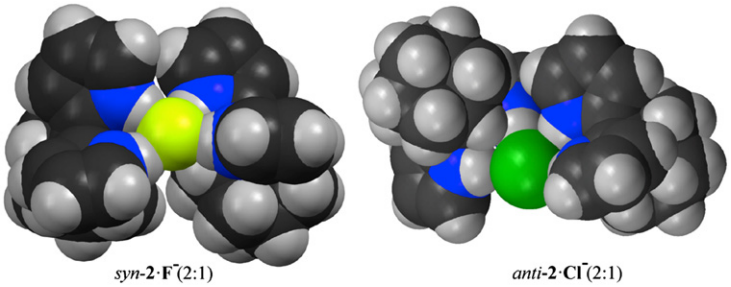
Thermally reversible organogelators containing HPB was synthesized and supramolecular organogel structure with AIEE effect was successfully fabricated using the benzoxazole-based organogelator for potent application in detection of nerve gas simulant.

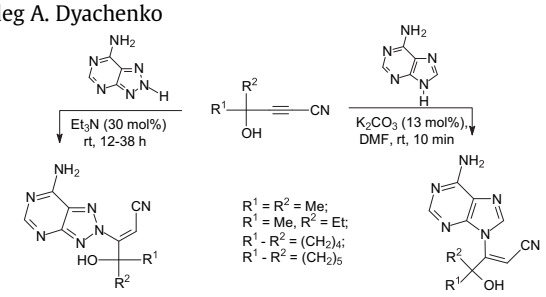


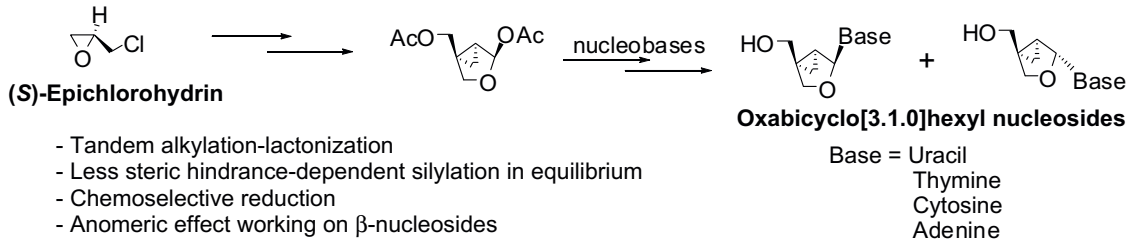


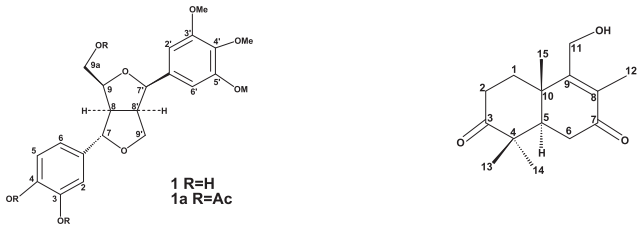


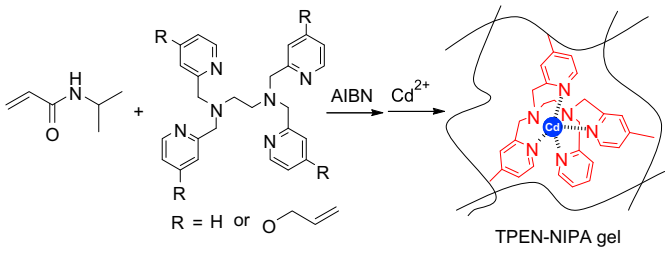
The α-amido *p*-tolylsulfones derived from aromatic and aliphatic aldehydes react with TMSCN in the presence of $BiBr_3$ (5 mol %) as catalyst to give the *N*-protected α-amino nitriles in very good yield.

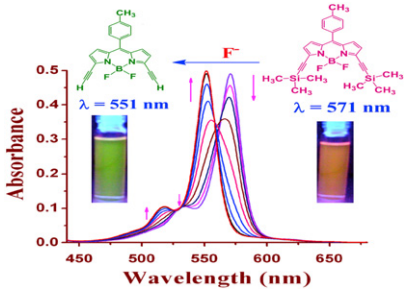




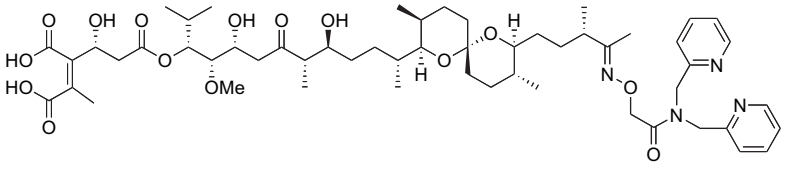


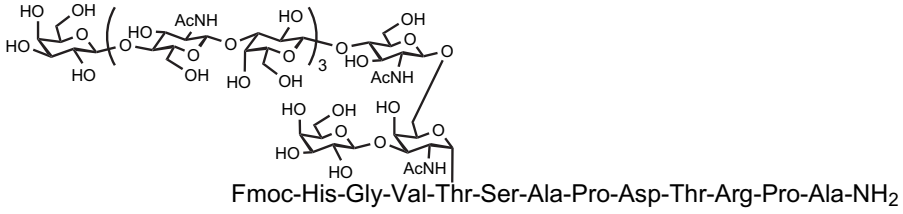






We have developed a novel colourimetric and fluorescent sensor for fluoride ion based on a boron–dipyrromethene dye possessing trimethylsilylacetylenic groups located at 3 and 5 positions.





A glyco-threonine building block containing $(LacNAc)_4$ was stereoselectively synthesized, and introduced into a glycopeptide by the Fmoc SPPS.

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Supplementary data available via ScienceDirect

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