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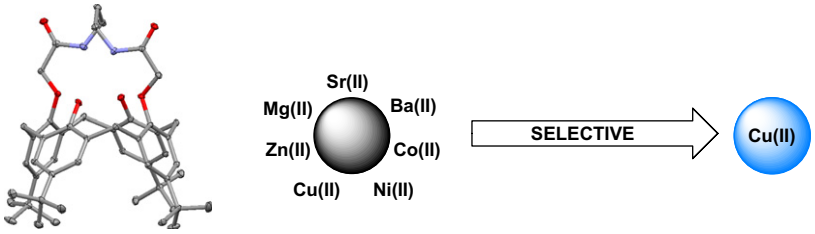
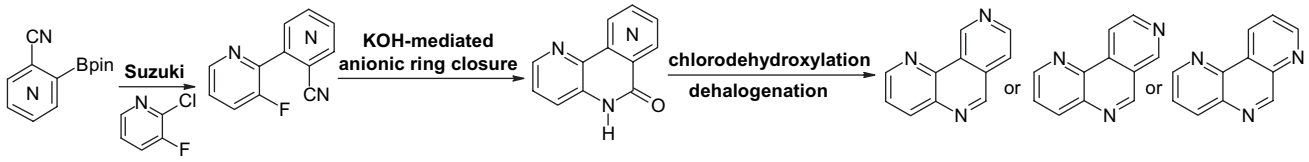
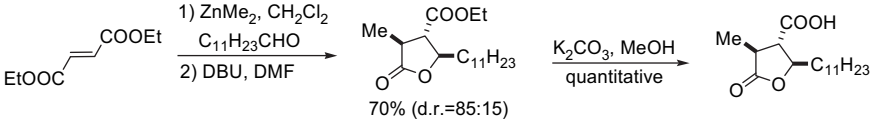
Tetrahedron

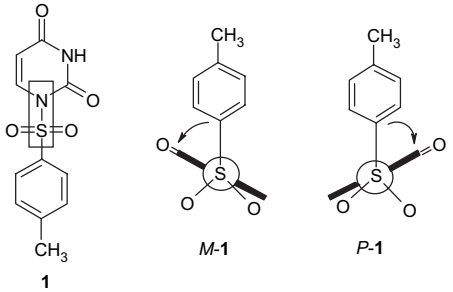
Tetrahedron Vol. 63, No. 1, 2007

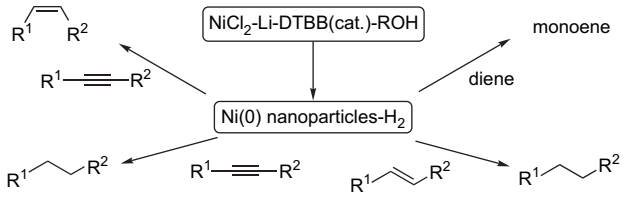
Contents

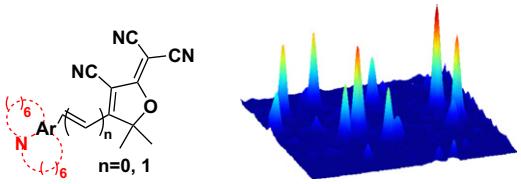




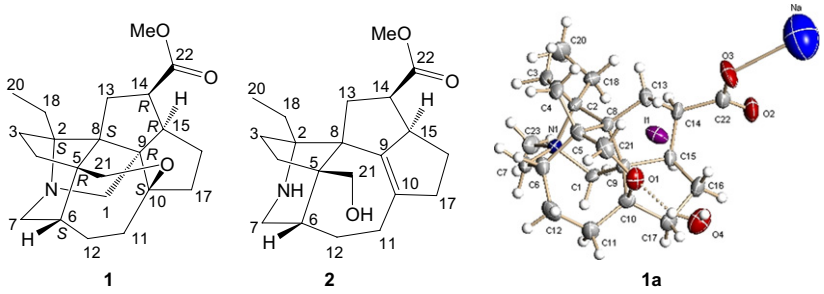




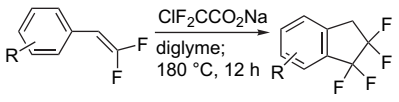




The general structure of a DCDHF fluorophore and epifluorescence image of single copies in a PMMA film.



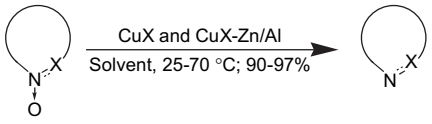
1 **2** **1a**



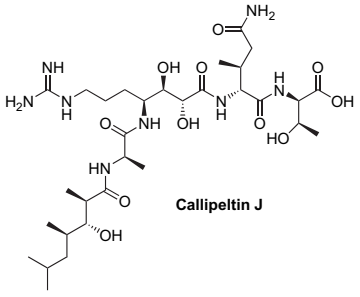
1 **3, 4, 5**

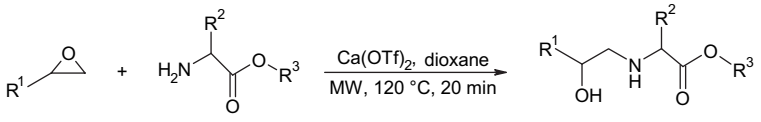
R:H (**a**); 3-CH_3 (**b**); 4-CH_3 (**c**); 3-CH_3O (**d**); 4-CH_3O (**e**)
3-Cl (**f**); 4-Cl (**g**); 3-Br (**h**); 4-Br (**i**)

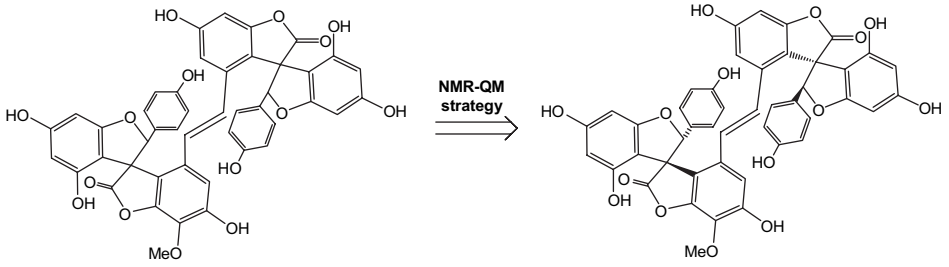
1,1,2,2-Tetrafluoroindanes were prepared by the reaction of difluorostyrene and chlorodifluoroacetate in diglyme at 180 °C for 12 h in good yields.

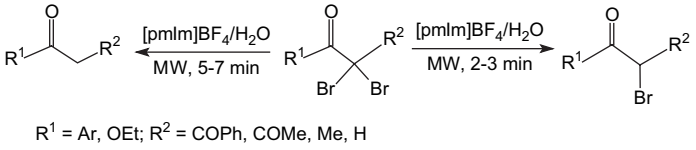


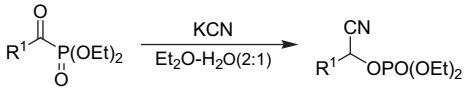
Mild and efficient deoxygenation of variety of *N*-oxides using CuX (Cl, I), CuX–Zn and CuX–Al under an ordinary laboratory condition is described.

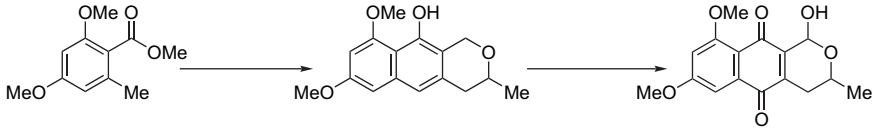


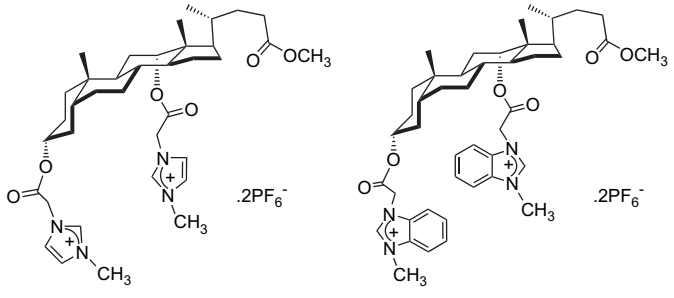


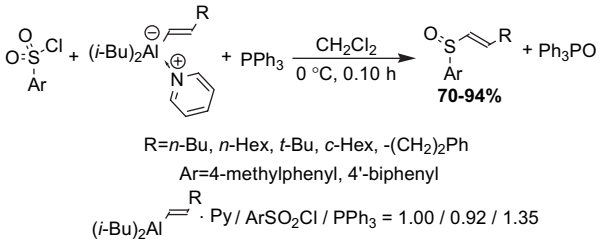


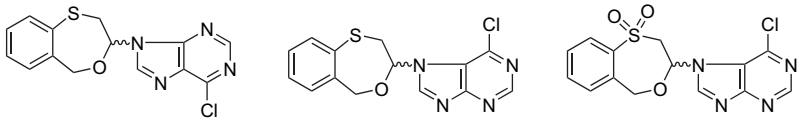


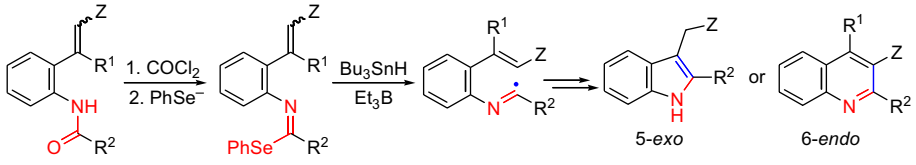




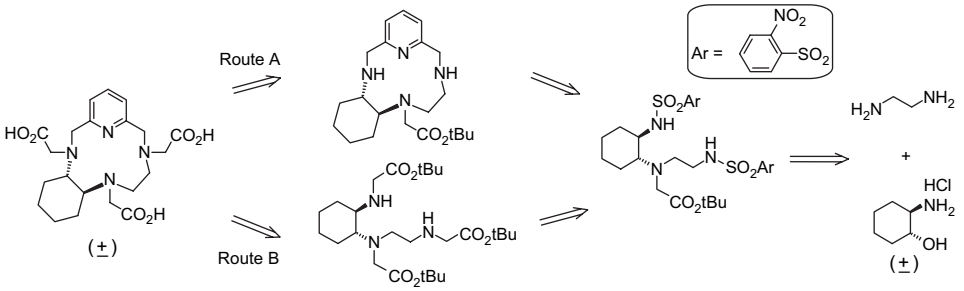


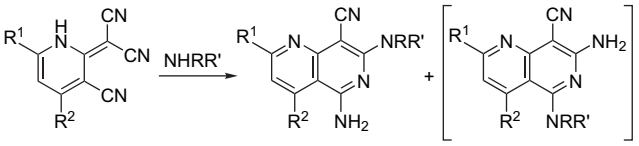


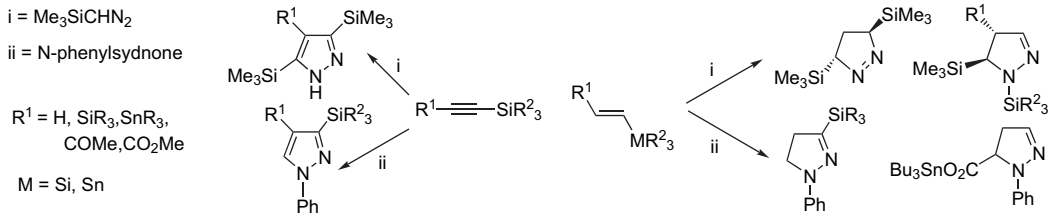




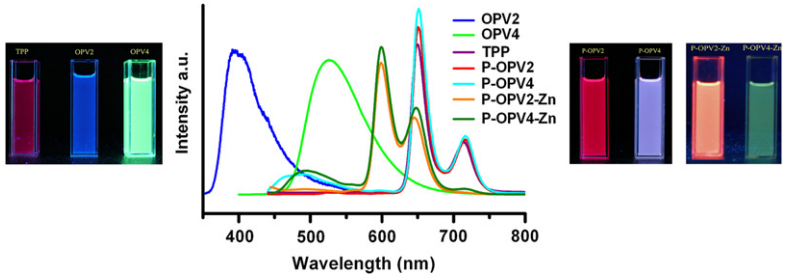
Imidoyl radicals have been generated from secondary amides via imidoyl selanides and used in radical cyclisations onto alkenes and heteroarenes.

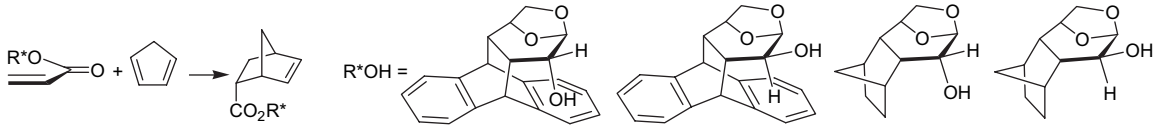






The oligo(*p*-phenylene vinylene)-porphyrin-oligo(*p*-phenylene vinylene) (P-OPV*n*, *n*=2, 4) and the complex with Zn^{2+} based on P-OPV*n* were synthesized. The detailed studies of photophysical properties of the triads indicate that OPV group can act as an antenna unit for effective intramolecular energy transfer.





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*Corresponding author
ⓘ+ Supplementary data available via ScienceDirect

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