

ROMPsphere-Supported *seco*-Porphyrazines: Mild, Efficient and Recyclable Photo-Oxygenation Catalysts.

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General Procedures.

All manipulations of air or moisture sensitive materials were carried out in oven or flame dried glassware under an inert atmosphere of N₂ or argon. Reaction temperatures reported refer to external bath temperature. Solvents for flash chromatography were reagent or GPR grade and were used as received. THF was redistilled from potassium benzophenone under a N₂ atmosphere. Pyridine and CH₂Cl₂ were distilled from CaH₂ under a N₂ atmosphere. All other reagents were used as commercially supplied. TLC plates were visualised using UV radiation (254 nm) or chemical staining using KMnO₄ and drying with a heat gun. Flash column chromatography was carried out on silica gel 60, 230-400 mesh (eluants are given in parentheses). In the case of norbornenyl-derivatives **3** - **6** the ¹H and ¹³C NMR spectra are listed solely for the major isomers (endo). Vinyl polystyrene **13** was prepared from commercially available (Aldrich) Merrifield resin (0.5 mmol g⁻¹) following the procedure of Sylvain *et al.*¹ The catalysts **15a** and **15b** were prepared from vinyl polystyrene **13** using the reported procedures.^{2,3}

1. Sylvain, C.; Wagner, A.; Mioskowski, C. *Tetrahedron Lett.*, **1998**, *39*, 9679.
2. Ahmed, M.; Barrett, A. G. M.; Braddock, D. C.; Cramp, S. M.; Procopiou, P. A. *Tetrahedron Lett.*, **1999**, *40*, 8657.
3. Ahmed, M.; Arnauld, T.; Barrett, A. G. M.; Braddock, D. C.; Procopiou, P. A. *Synlett*, **2000**, 1007.





















