

*Supporting Information for*

**Solvent-Free Asymmetric Olefin Hydroformylation Catalyzed by Highly Crosslinked Polystyrene-Supported (*R,S*)-BINAPHOS–Rh(I) Complex**

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Color change of polymer-supported catalyst **1b** during the hydroformylation of *cis*-2-butene in a batch system. (i) Initial yellow color of **1b**. (ii) Pale yellow of RhH(CO)<sub>2</sub>(BINAPHOS) (**5**). (iii) Red color due to the formation of a new species.