Effect of heteropoly acids on the hydrocarboxylation of styrene: comparative study on hydrocarboxylation and hydroesterification reactions.


Abstract

The hydrocarboxylation and the hydroesterification of styrene was studied in the presence of PdCl2(PPPh3)2 as catalyst. The effect of heteropoly acids of general formula H3+nPMo12-nVnO40 (n = 1-4) on the hydrocarboxylation and hydroesterification of styrene was considered.