

Supporting Information

Synthesis and catalytic application of palladium nanoparticles supported on kaolinite-based nanohybrid materials†

Gaëlle Ngnie,^{*a} Gustave. K. Dedzo,^{*a,b} and Christian Detellier^a

^aCenter for Catalysis Research and Innovation and Department of Chemistry and Biomolecular Sciences, University of Ottawa, Ottawa, Ontario K1N 6N5, Canada.

^bLaboratory of Analytical Chemistry, Faculty of Science, University of Yaoundé I, B.P. 812, Yaoundé, Cameroon.

E-mails: gngnietu@uottawa.ca, gkennede@uottawa.ca

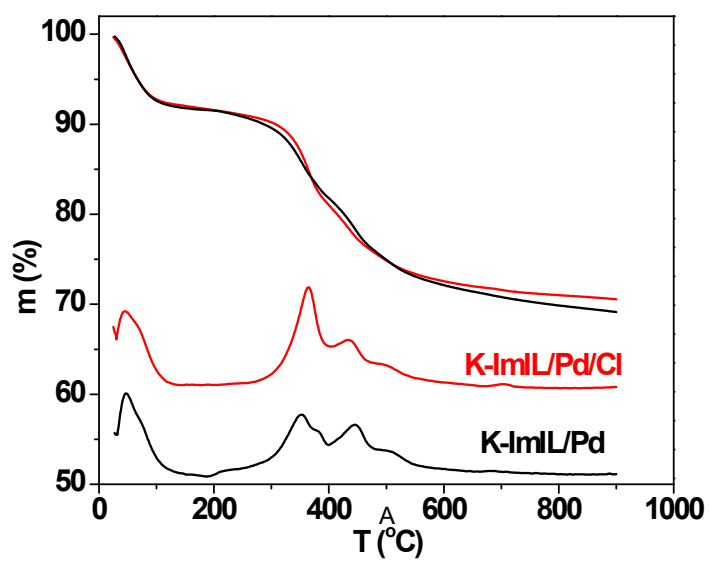


Fig. S1 TGA/DTGA of (Black lines) K-ImIL/Pd and (Red lines) K-ImIL/Pd/Cl modified kaolinite.

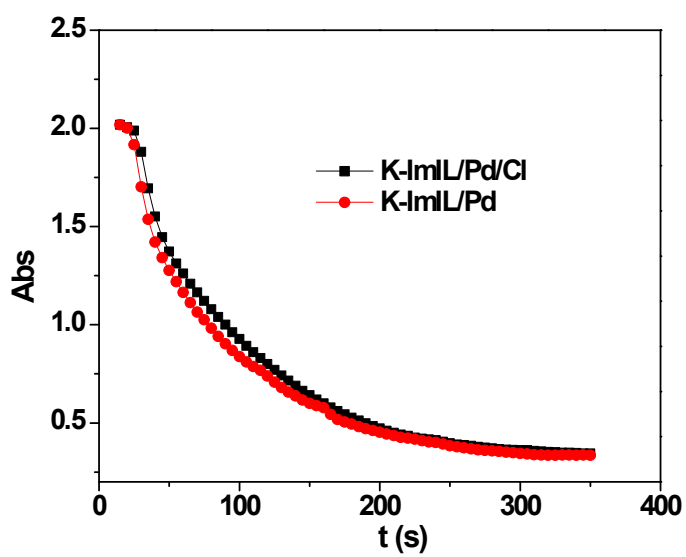


Fig. S2 Variation of 4-NP maximum absorbance at 400 nm for K-ImIL/Pd and K-ImIL/Pd/Cl during the catalytic reduction of 4-NP in the presence of NaBH_4 .