Supporting Information

for

Ru complexes of Hoveyda–Grubbs type immobilized on lamellar zeolites: activity in olefin metathesis reactions

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XRD patterns of catalysts and supports, conversion curves for self-metatheses of methyl oleate and *cis*-3-hexenyl acetate, splitting experiment

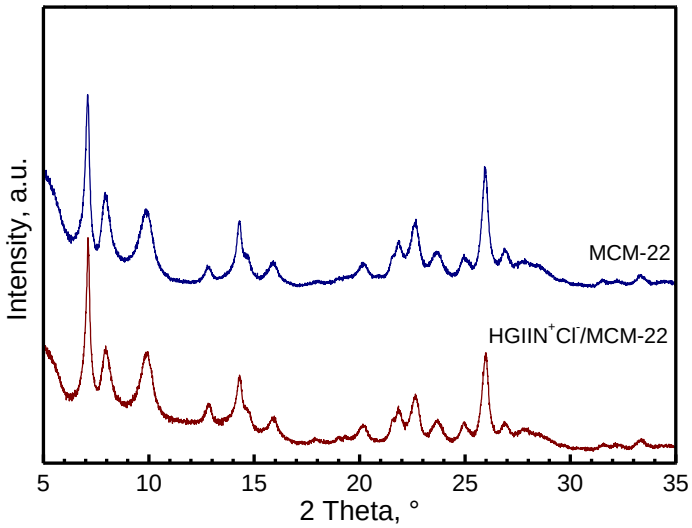

Figure S1: XRD patterns of parent MCM-22 and HGIIN^{+}Cl^{-}/MCM-22 catalyst.

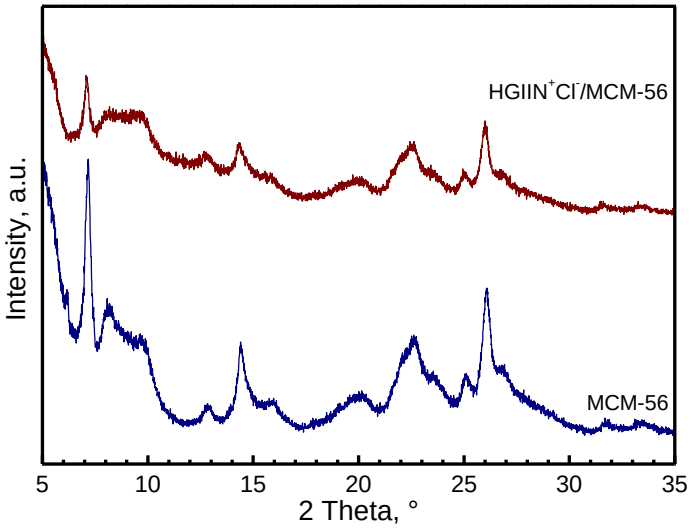

Figure S2: XRD patterns of parent MCM-56 and HGIIN^{+}Cl^{-}/MCM-56 catalyst.

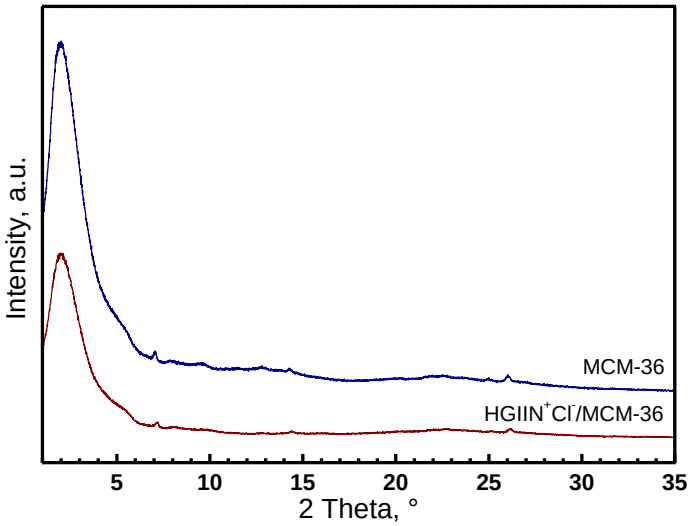

Figure S3: XRD patterns of parent MCM-36 and HGIIN^{+}Cl^{-}/MCM-36 catalyst.

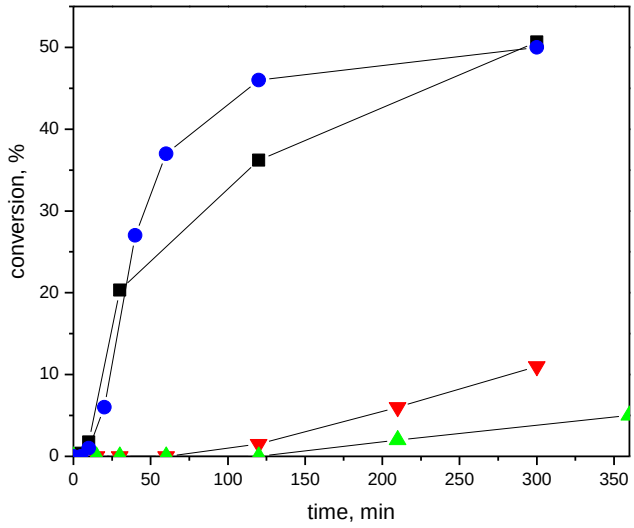

Figure S4: Self-metathesis of methyl oleate over HGIIN^{+}Cl^{-} (●), HGIIN^{+}Cl^{-}/SBA-15 (■), HGIIN^{+}Cl^{-}/MCM-22 (▼) and HGIIN^{+}Cl^{-}/MCM-56 (▲). Toluene (toluene+CH_2Cl_2, v/v = 78/22 for (●)), 30 °C, molar ratio oleate/Ru=250, c_{ol} = 0.15 mol/L.

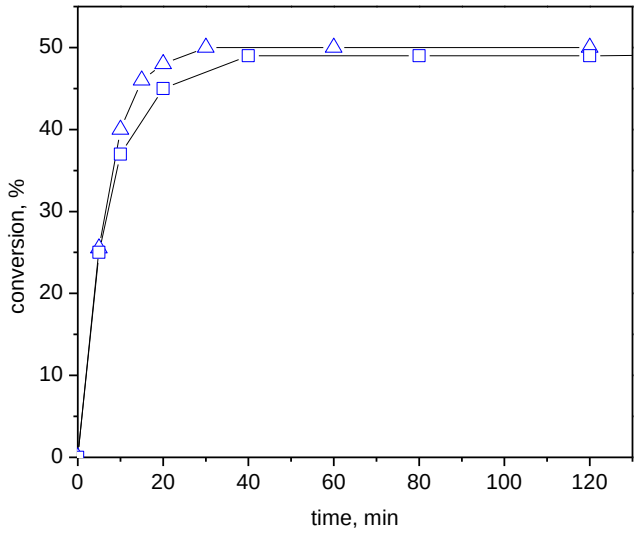

Figure S5: Self-metathesis of *cis*-3-hexenyl acetate over HGIIN^{+}Cl^{-}/MCM-22 (Δ) and HGIIN^{+}Cl^{-}/SBA-15 (□). Toluene, 30 °C, molar ratio 3-hexenyl acetate/Ru= 250, c_{ac}=0.15 mol/L.

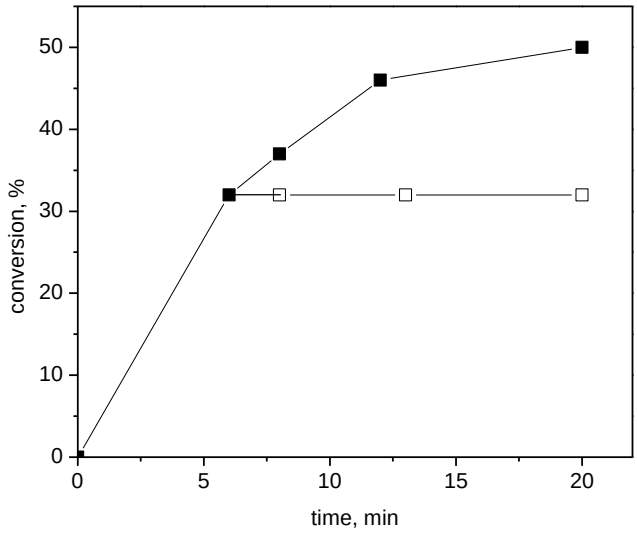

Figure S6: Splitting test for self-metathesis of cis-3-hexenyl acetate over HGIIN^{+}Cl^{-}/MCM-22. Toluene, 30 °C, molar ratio *cis*-3-hexenyl acetate/Ru= 2000, c_{ac}= 0.15 mol/L. Heterogeneous system (■), system without heterogeneous catalyst (□).