

Supplementary informations

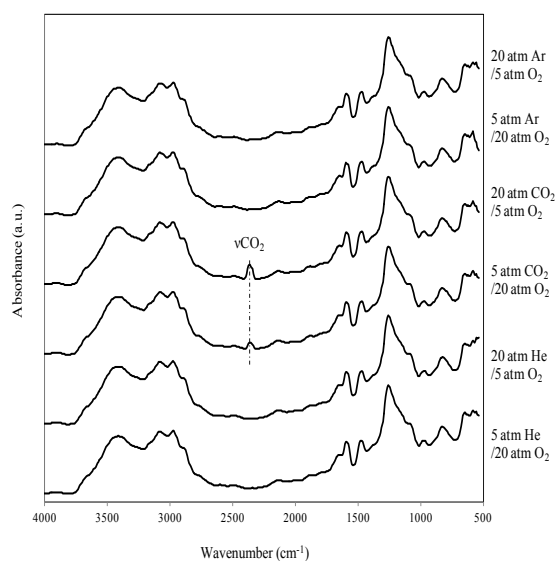


Figure S11. DRIFT spectra of SILP catalysts in various inert atmospheres

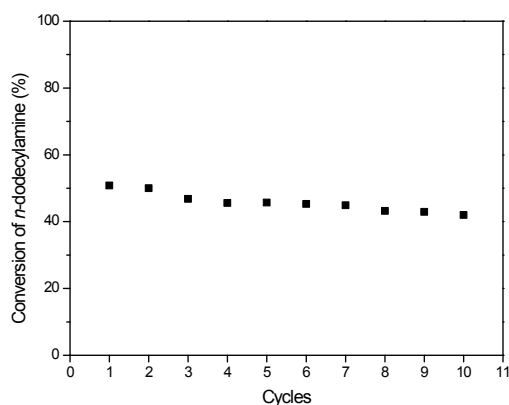


Figure S12. The activity of Ru₂Cl₄(az-tpy)₂ complex (SILP) (IL=[C₄C₁im][NTf₂]) in oxidation of *n*-dodecyl amine as substrate (5 mL hexane as solvent; 5 h reaction time; 5 atm molecular oxygen) vs. number of cycles.