Electronic Supporting Information (ESI)

Characterization of Cu-exchanged SSZ-13: a comparative FTIR, UV-Vis, and EPR study with Cu-ZSM-5 and Cu-β with similar Si/Al and Cu/Al ratios

Filippo Giordanino, Peter N. R. Vennestrom, Lars F. Lundegaard, Frederick N. Stappen, Susanne Mossin, Pablo Beato, Silvia Bordiga, Carlo Lamberti

Fig. S1. CO adsorption (~ 100K) on O₂ activated Cu-SSZ-13. Increasing CO coverage spectra reported in the ν(CO) region and showing the CO interaction with extra framework Al³⁺ (2220 cm⁻¹ band) and with [Cu²⁺(OH⁻)]⁺ species (2207 cm⁻¹).

Fig. S2 Deconvoluted signals of observed Cu²⁺(NO) band in O₂ activated Cu-ZSM-5.