

Supporting Information

COMPARISON OF THE CATALYTIC ACTIVITY OF MOFs AND ZEOLITES IN KNOEVENAGEL CONDENSATION

Maksym Opanasenko, Amarajothi Dhakshinamoorthy, Mariya Shamzhy, Petr Nachtigall, Michal Horáček, Hermenegildo Garcia and Jiri Čejka

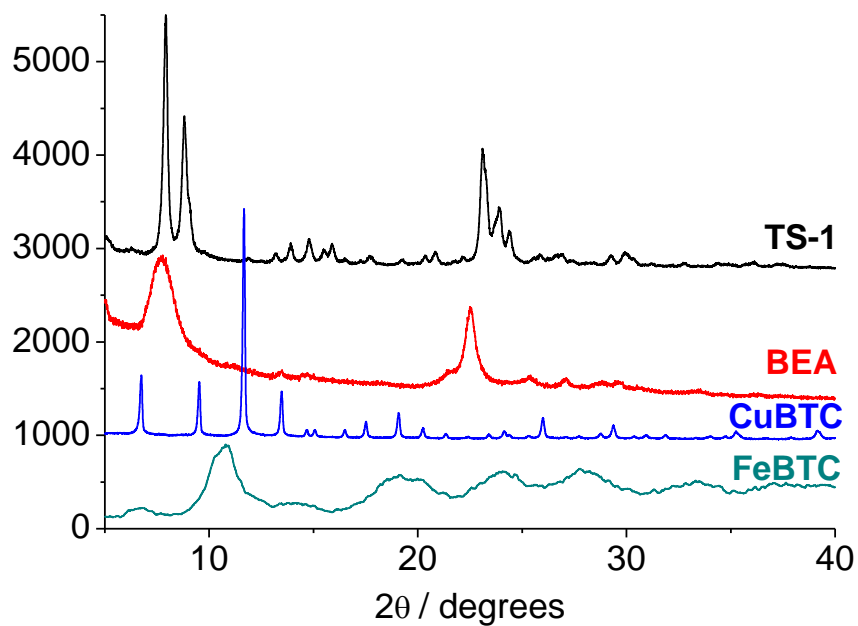


Figure SI-1. XRD patterns of the catalysts under study.

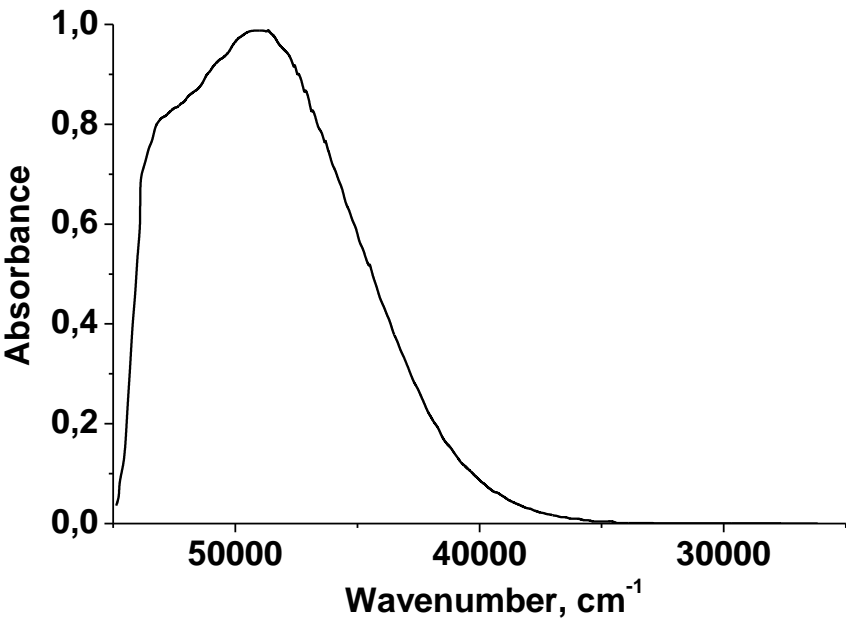


Figure SI-2. UV-VIS spectra of TS-1.

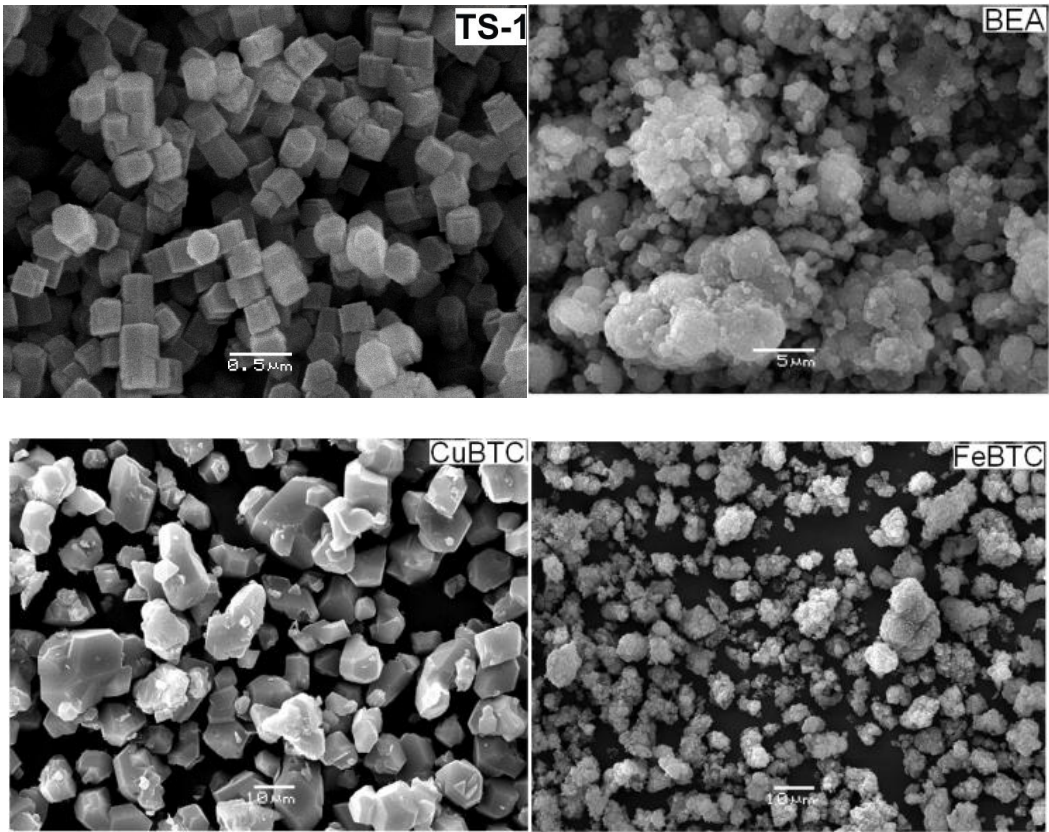


Figure SI-3. SEM images of the catalysts under study.

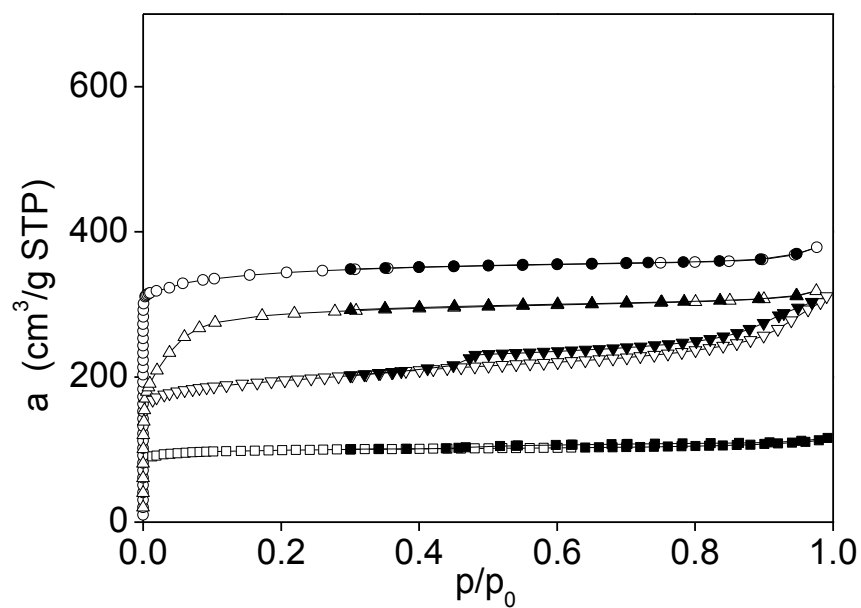


Figure SI-4. Nitrogen adsorption isotherms of the catalysts: CuBTC (O); FeBTC (Δ); BEA (∇); TS-1 (\square), open points represent adsorption, full points - desorption.

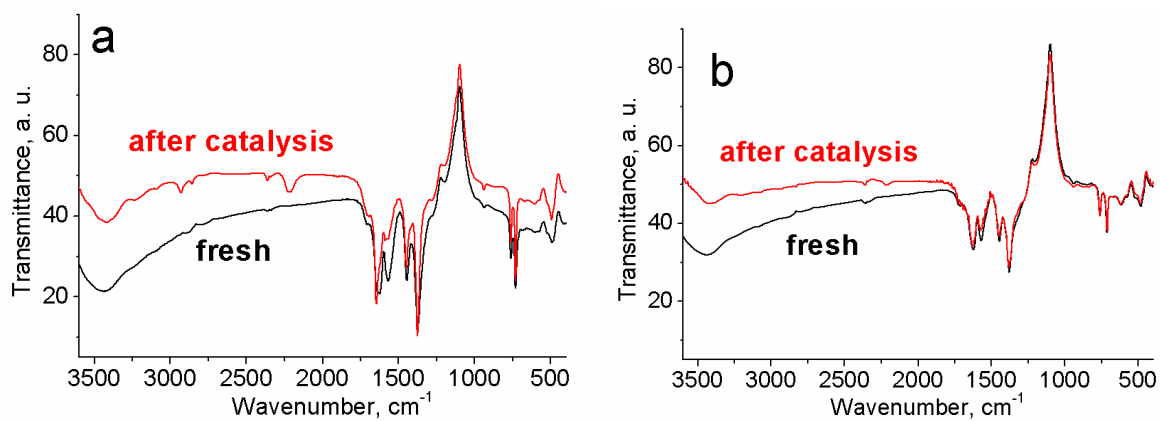


Figure SI-5. FTIR spectra of CuBTC (a) and FeBTC before and after the reaction.