

*Supporting Information for*

**Synthesis of Hierarchical Mordenite by Solvent-free Method  
for Dimethyl Ether Carbonylation Reaction**

Xiaosheng Wang<sup>1\*†</sup>, Shaoduo Liu<sup>1,2†</sup>, Hongjing Wang<sup>1</sup>, Yinghui Liu<sup>1</sup>, Yangyang Zhang<sup>1</sup>,  
Ranjia Li<sup>1</sup>, Changchun Yu<sup>1</sup>, Kun Ren<sup>1</sup>, Pengcheng Yang<sup>3</sup>

(1: State Key Laboratory of Heavy Oil Processing, College of New Energy and Materials, China  
University of Petroleum-Beijing, Beijing 102249, PR China;

2: Synfuels China Co. Ltd, Beijing, 101407, PR China;

3: Shandong Hi-tech Spring Material Technology Co. Ltd, Dongying, 257000, PR China)

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\* Corresponding author. E-mail: [wxs880620@cup.edu.cn](mailto:wxs880620@cup.edu.cn).

† These two authors contribute to this work equally.

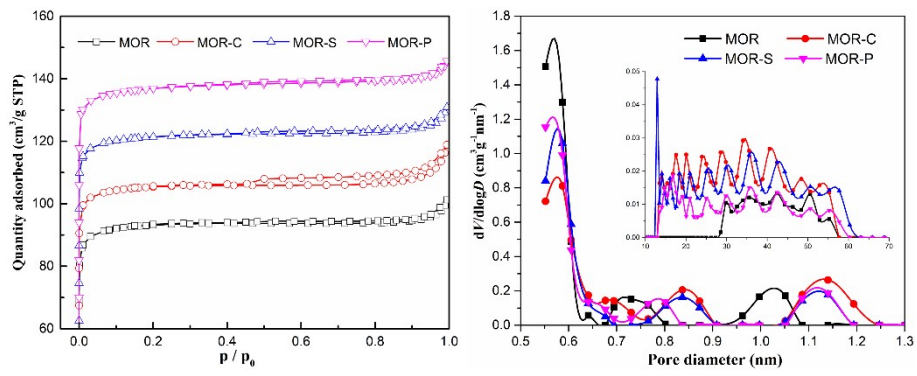


Fig. S1 N<sub>2</sub> adsorption and desorption isotherms (a) and pore size distribution (b) of MOR samples

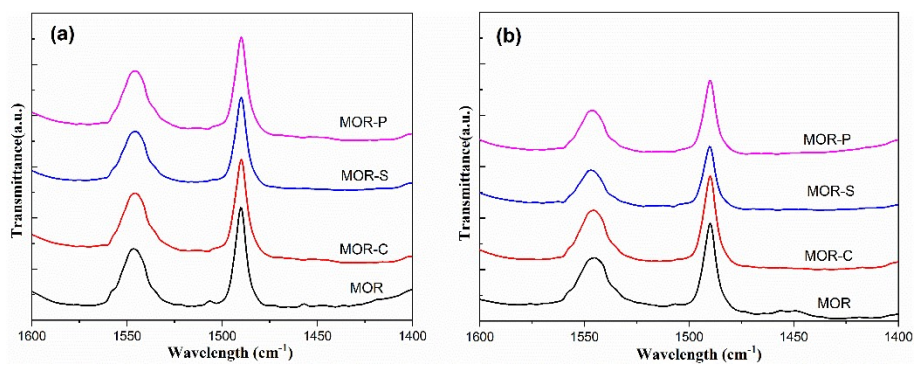


Fig. S2 Py-IR spectra of MOR synthesized with different soft template (a: Py desorpted at 150 °C; b: Py desorpted at 300 °C)