

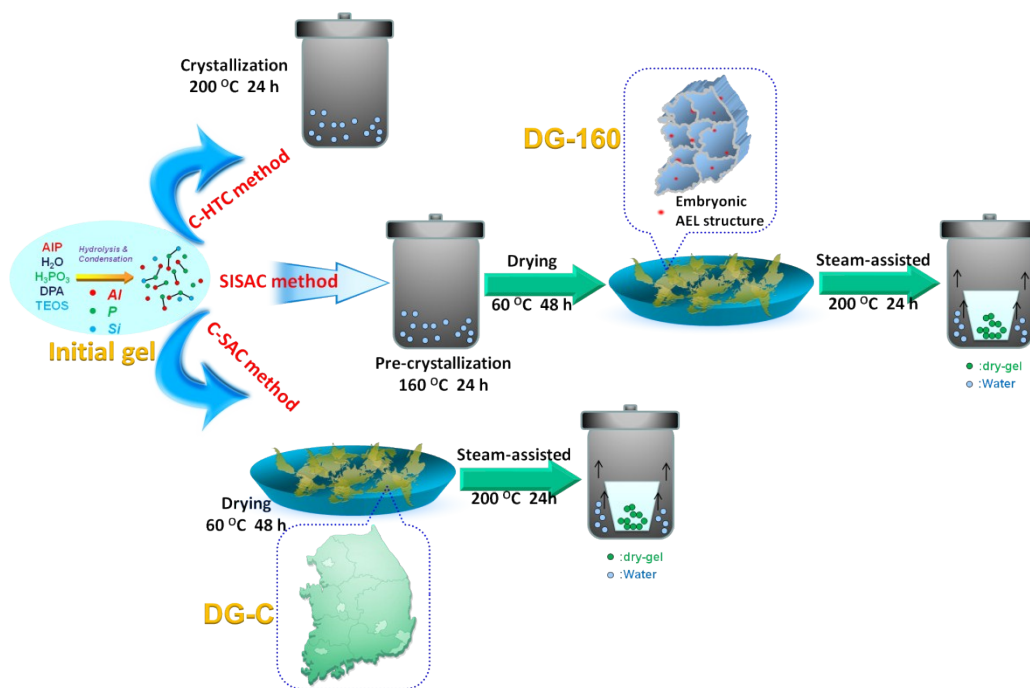
Supporting Information

Synthesis of a multi-branched dandelion-like SAPO-11 by an in-situ inoculating seed-induced-steam-assisted conversion method (SISAC) as a highly effective hydroisomerization support

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Scheme S1. The synthesis route of SAPO-11 zeolite by three methods.

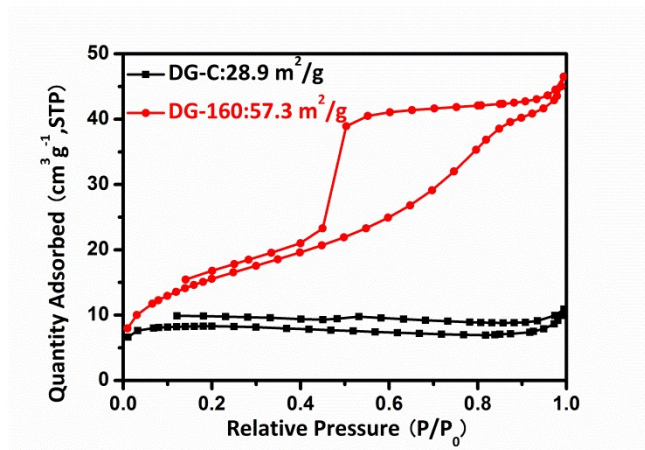


Figure S1 N_2 adsorption-desorption isotherms of synthesized (black) DG-C, (red) DG-160

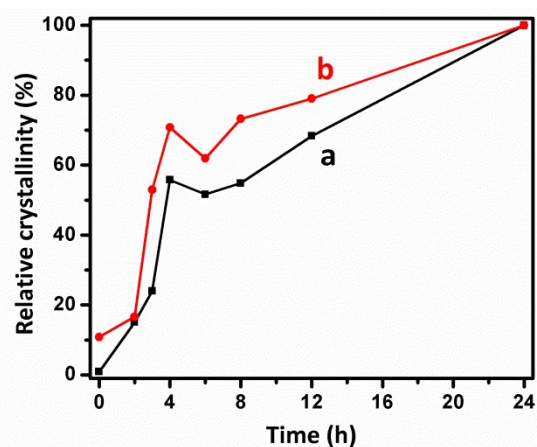


Figure S2 Crystallization curves obtained under SAC process during different period at 473 K using different method: (a) dry gel without pre-crystallization, (b) dry gel with pre-crystallization at 433 K for 24 h. And the calculative relative crystallinity value was versus to the corresponding 24 h SAC product, respectively.

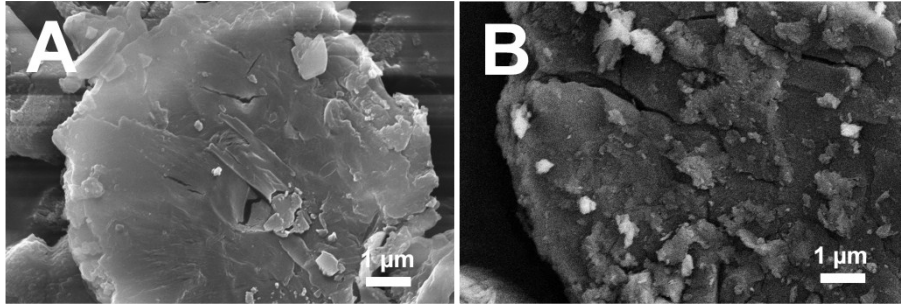


Figure S3 SEM image of DG-C (A) and DG-160 (B).

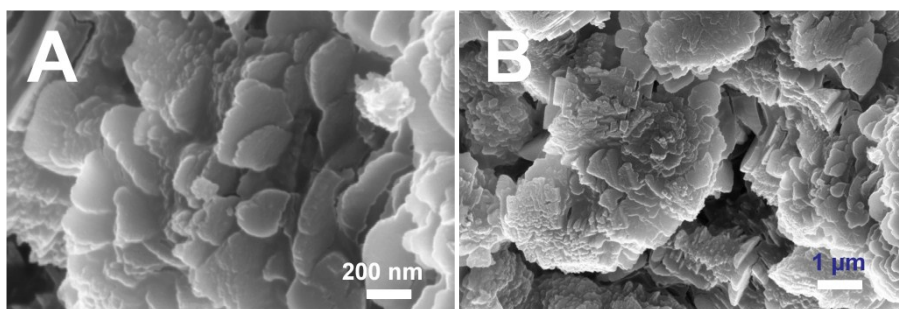


Figure S4 SEM image of seed-SAC-SAPO-11

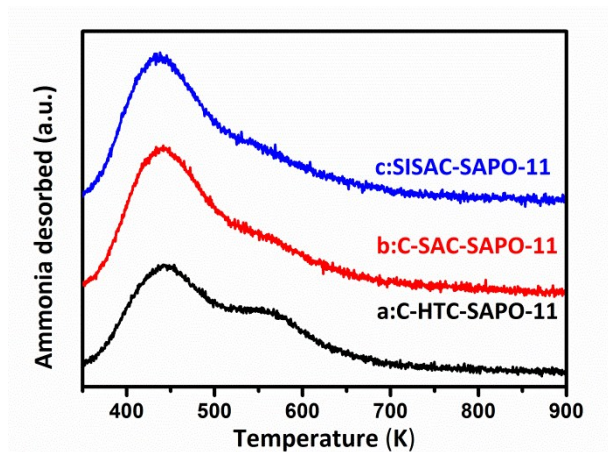


Figure S5. NH₃-TPD profiles of (a) C-HTC-SAPO-11, (b) C-SAC-SAPO-11 and (c) SISAC-SAPO-11