

## 氟硅酸铵改性纳米 HZSM-5 分子筛催化甲醇制丙烯

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### Catalytic Conversion of Methanol to Propylene over (NH<sub>4</sub>)<sub>2</sub>SiF<sub>6</sub>-Modified Nanosized HZSM-5 Zeolite

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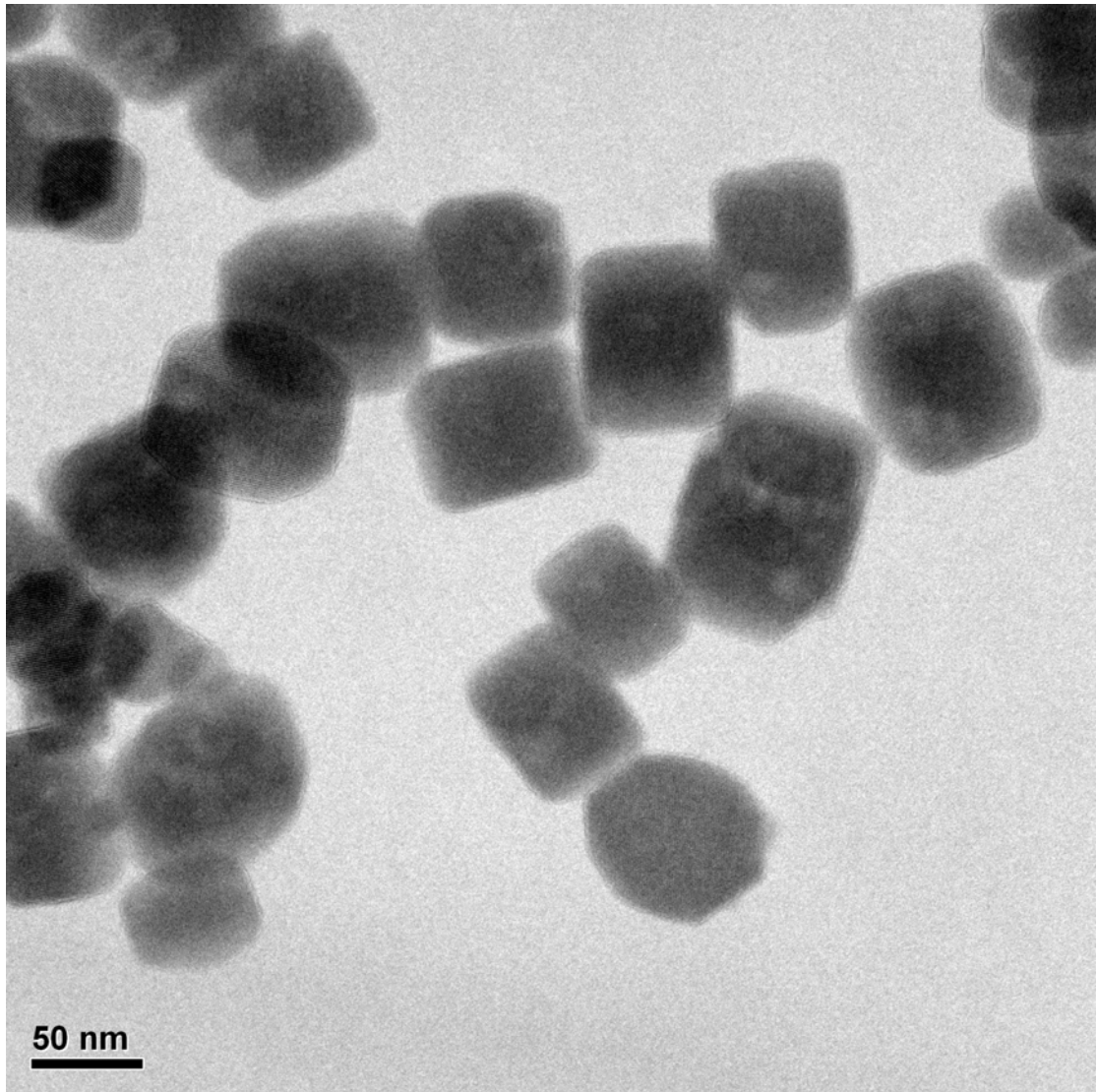


图 S1 合成的 ZSM-5 分子筛样品的 TEM 图  
Fig.S1 TEM image of as-synthesized ZSM-5 zeolite

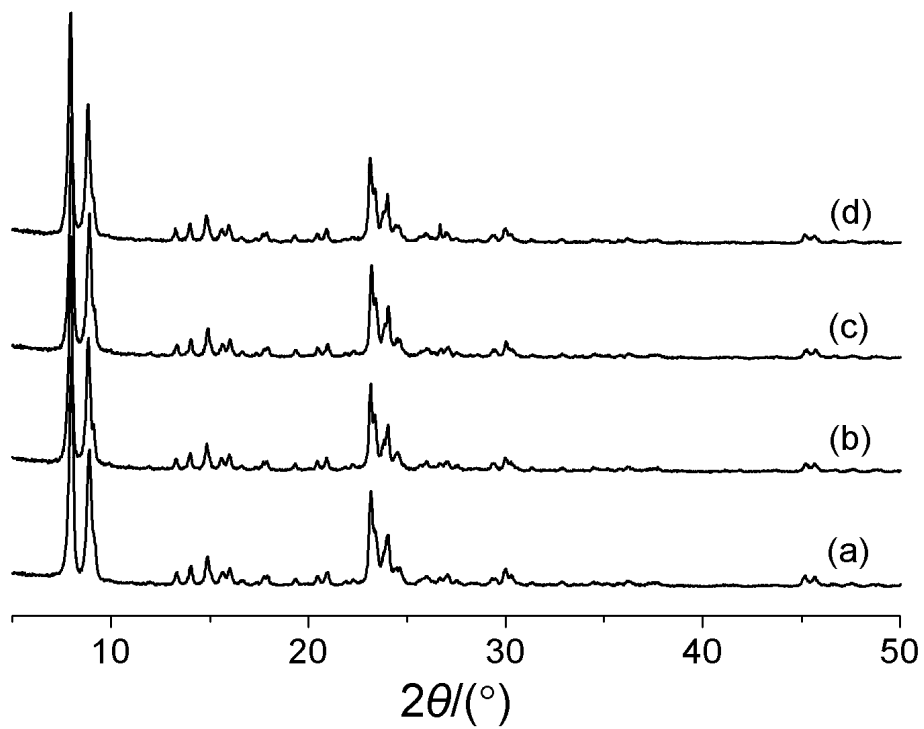


图 S2 反应后样品的 XRD 谱图

Fig.S2 XRD patterns of the parent and  $(\text{NH}_4)_2\text{SiF}_6$ -modified HZSM-5 zeolites after reaction

(a) HZ; (b) FSHZ-0.2; (c) FSHZ-0.5; (d) FSHZ-0.8