# Supplementary Information

# Simple and facile one-step synthesis of bowl-like hollow ZSM-5 zeolites

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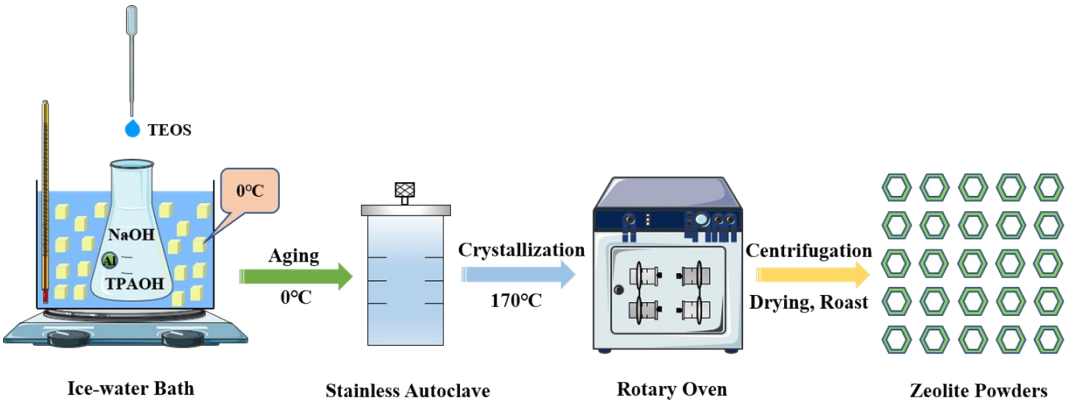


**Fig. S1.** The synthesis process of hollow single crystal ZSM-5 zeolite.

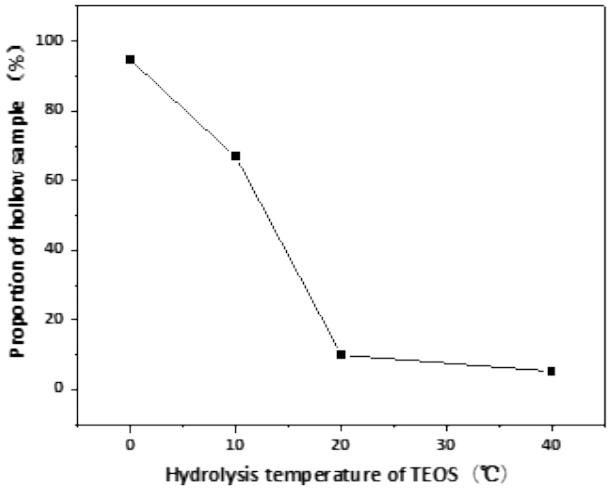


**Fig. S2.** Hollow proportion of the products synthesized at 170°C for 24h under different TEOS hydrolysis temperature.

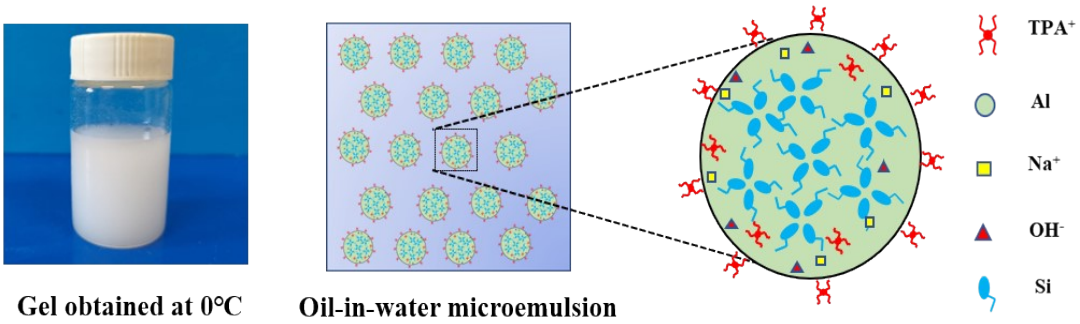


**Fig. S3.** Gel composed of oil-in-water microemulsion.

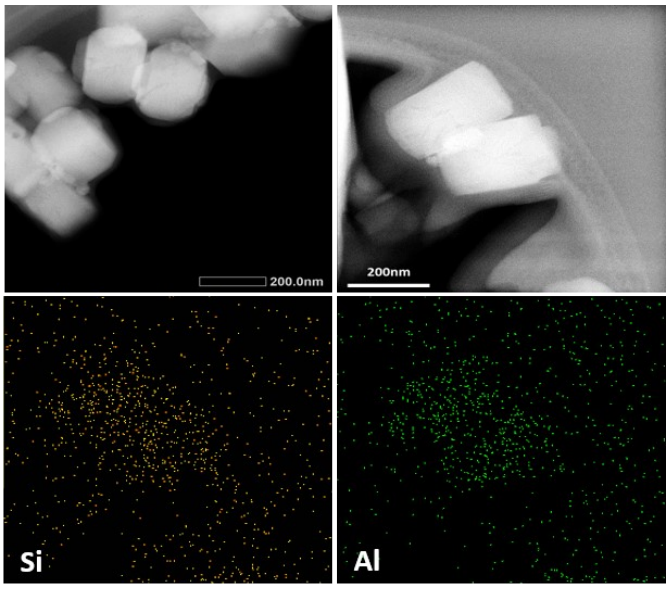


**Fig. S4.** TEM EDX Mapping analysis of conventional solid ZSM-5 crystals obtained under the TEOS hydrolysis temperature of 40℃.

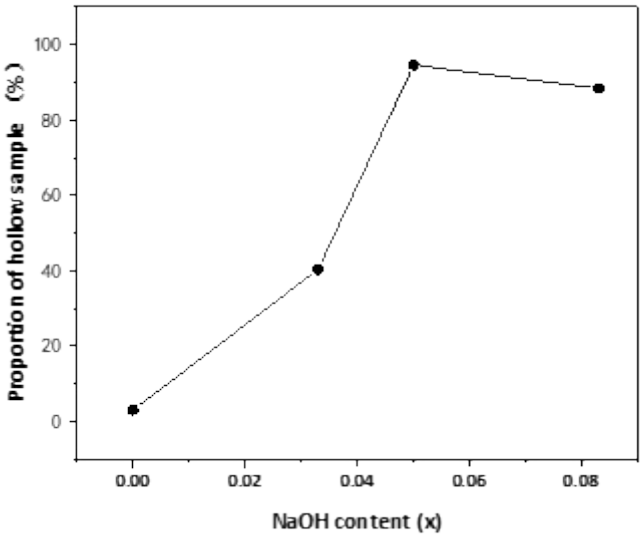


**Fig. S5.** Hollow proportion of the products with different $NaOH/SiO_2$ mole ratios.