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The construction of a series of hierarchical MWW-type zeolites and their catalytic performances for bulky aldol condensation

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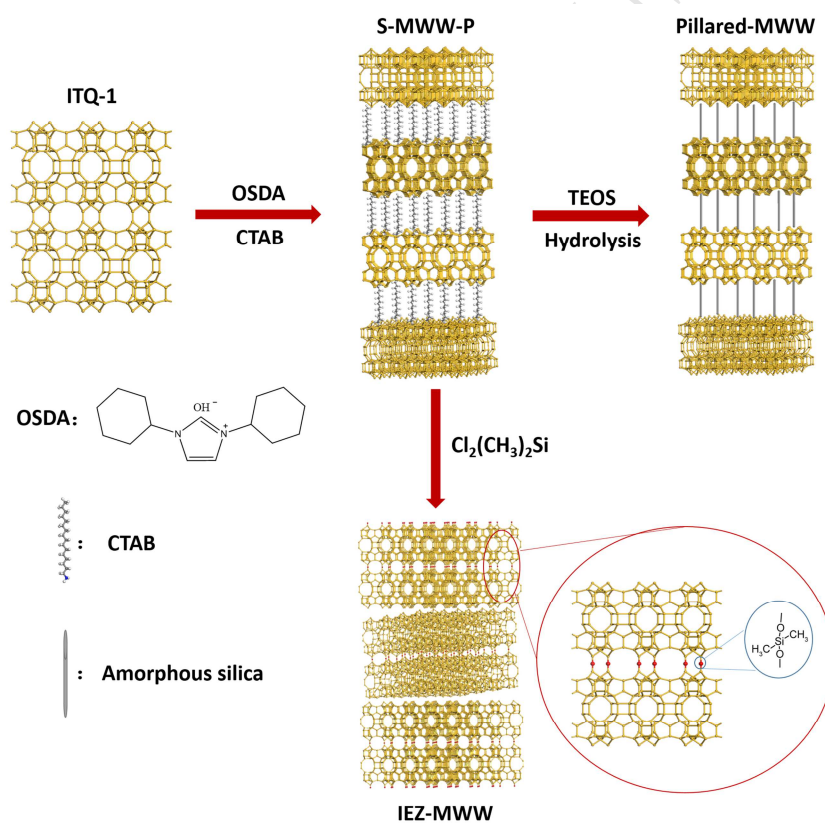
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In this study, IEZ-MWW and Pillared-MWW were obtained by the post-synthesis modifications of the swollen multilamellar MWW precursor (S-MWW-P), which have better catalytic performances than 3D-MWW and ZSM-5 in the condensation of cyclohexanone with glycol or benzaldehyde with 1-pentanol.

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