



Catalytic performance of imidazole modified HZSM-5 for methanol to aromatics reaction

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Highlights

- Imidazole modified zeolite HZSM-5 showed excellent texture properties, such as abundant porous structure, uniform size and suitable acidity.
- The modified zeolite exhibited excellent catalytic performance for MTA reaction compared with conventional HZSM-5.
- The modified of imidazole was a promising way for the synthesis of MFI zeolites.

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