

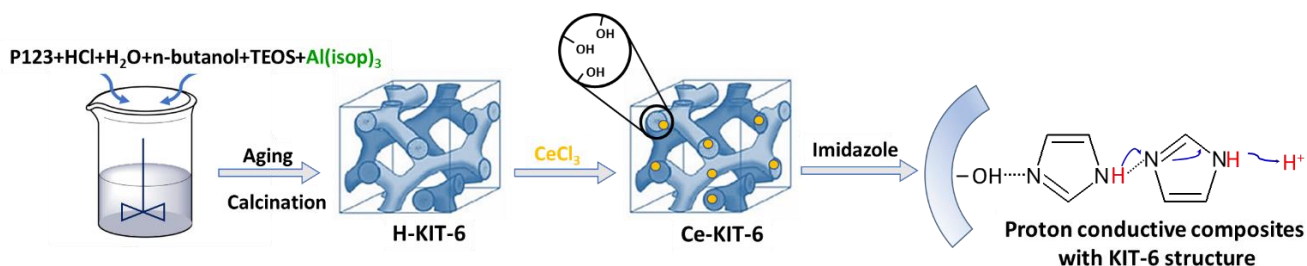
SUPPLEMENTARY MATERIAL

Encapsulation of imidazole into Ce-modified mesoporous KIT-6 for high anhydrous proton conductivity

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Scheme S1. The proposed concept of imidazole-Ce-KIT-6 composite formation.

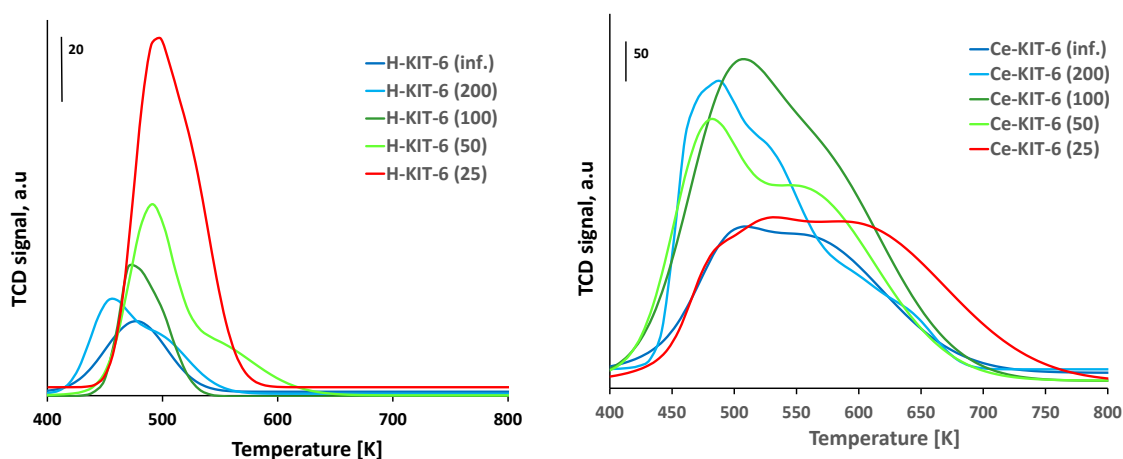


Figure S1. The TPD-NH₃ profiles for indicated samples.

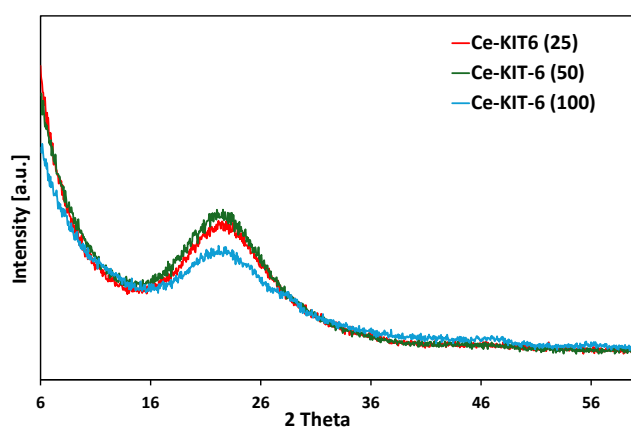


Figure S2. PXRD patterns of indicated samples.

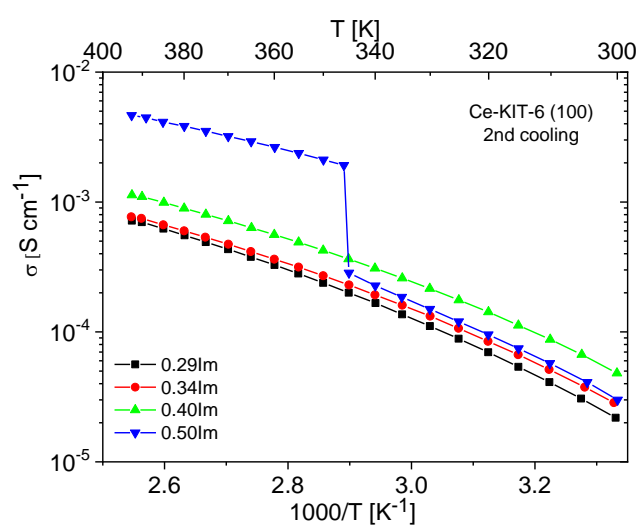


Figure S3. Temperature dependence of the conductivity of Ce-KIT-6 (100) with different imidazole loading measured during the second cooling cycle.

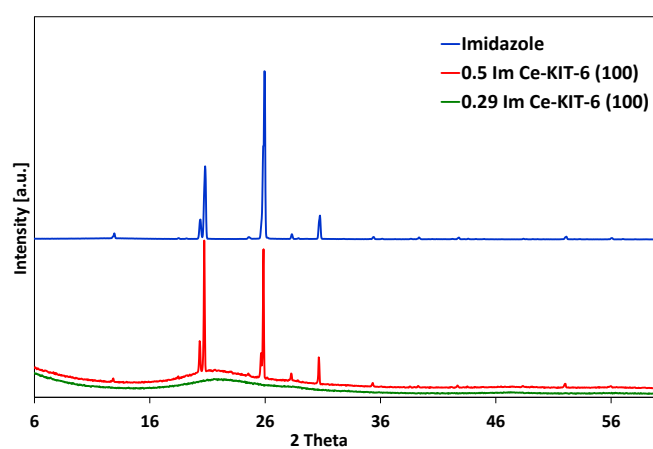


Figure S4. PXRD patterns of imidazole and selected composites with different imidazole loading.

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