

Supporting Information

Facile fabrication and characterization of hierarchically porous calcium carbonate microspheres

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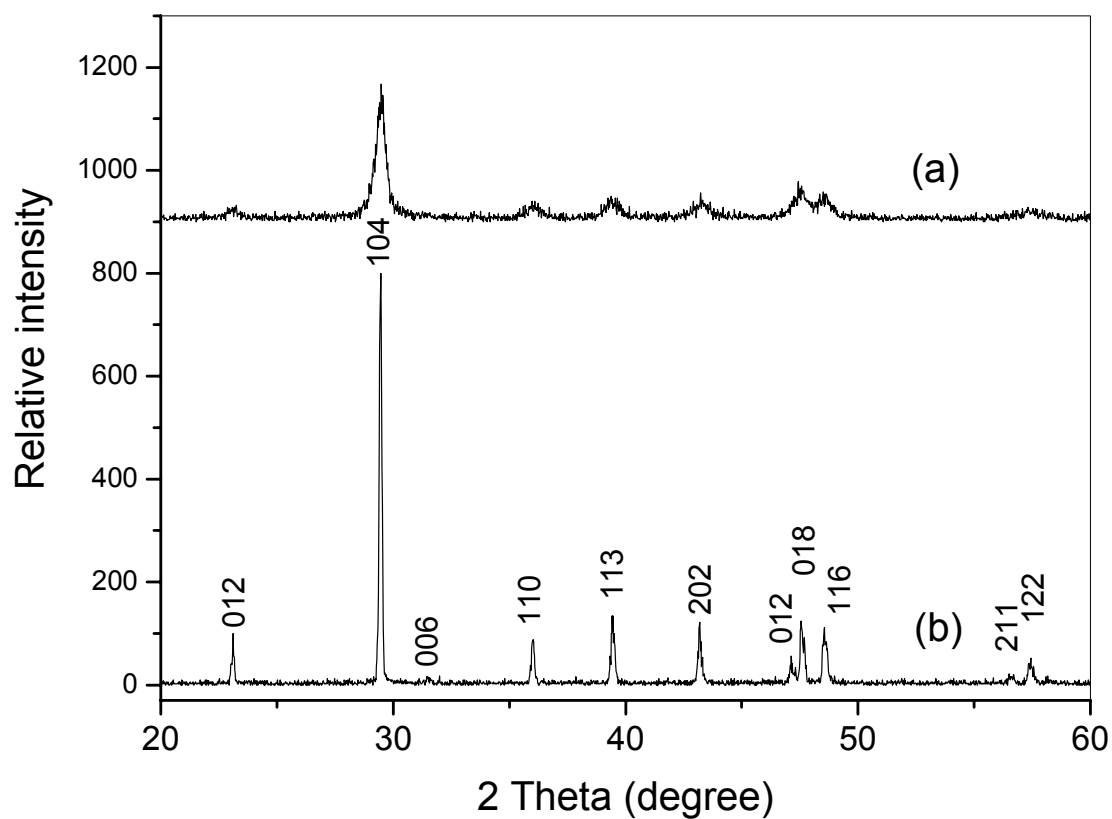


Figure S1 XRD patterns of CaCO₃ particles obtained (a) in the presence of PSMA (1.0 g/L) and (b) in the absence of PSMA and aged at 25°C for 24 h.

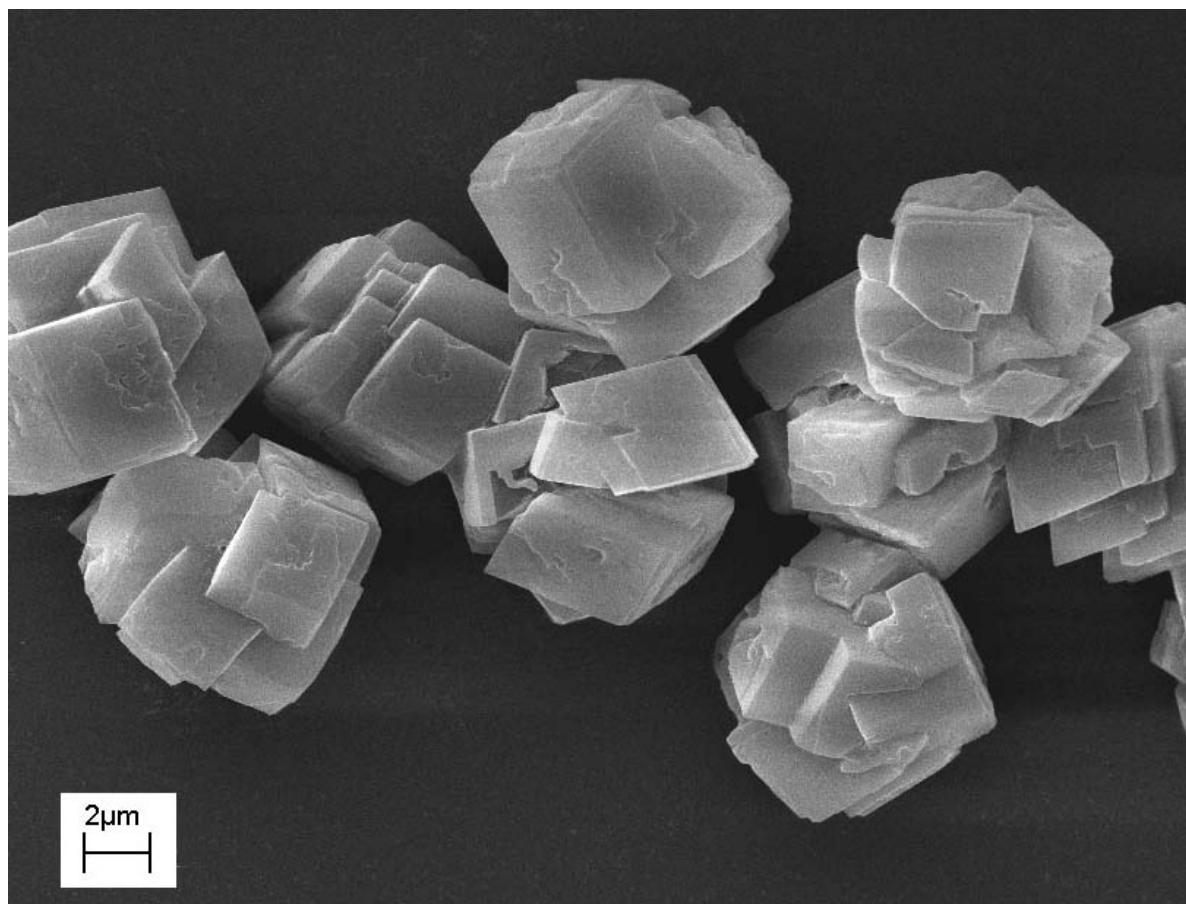


Figure S2 SEM images of CaCO₃ particles obtained in the absence of PSMA after aging at 25°C for 24 h.

Supplementary Material (ESI) for Chemical Communications
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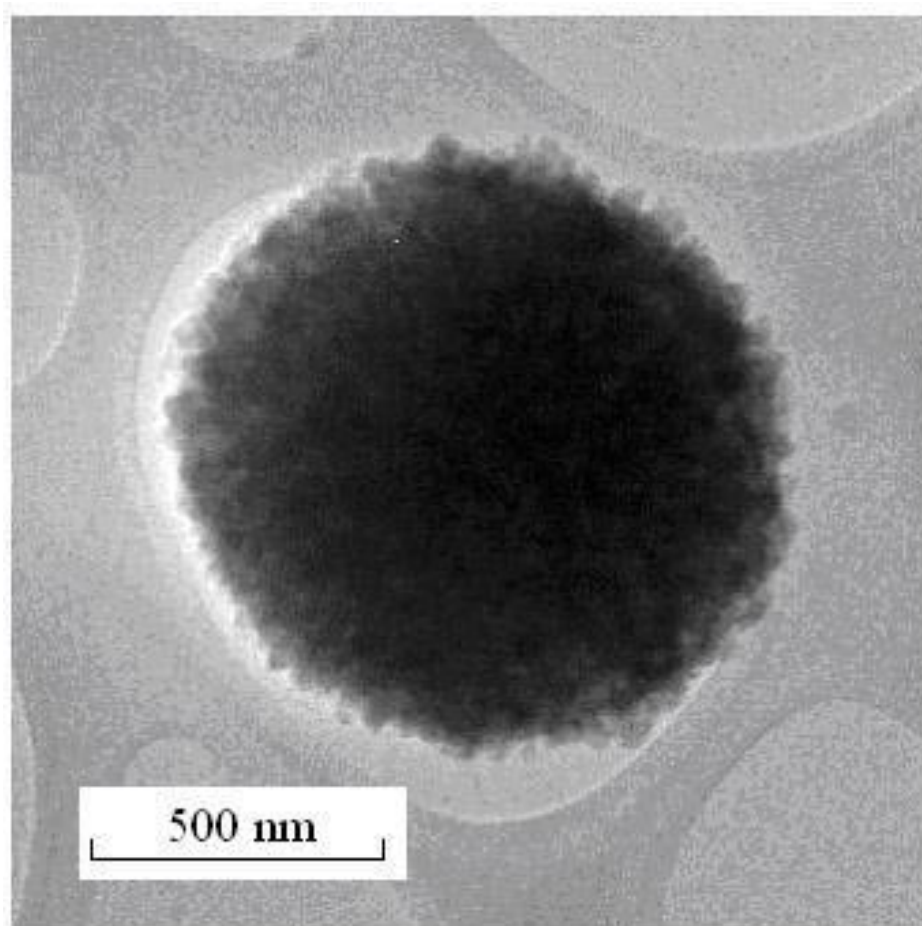


Figure S3 TEM images of CaCO₃ particles obtained in the presence of PSMA (1.0 g/L) after aging at 25°C for 20 min.

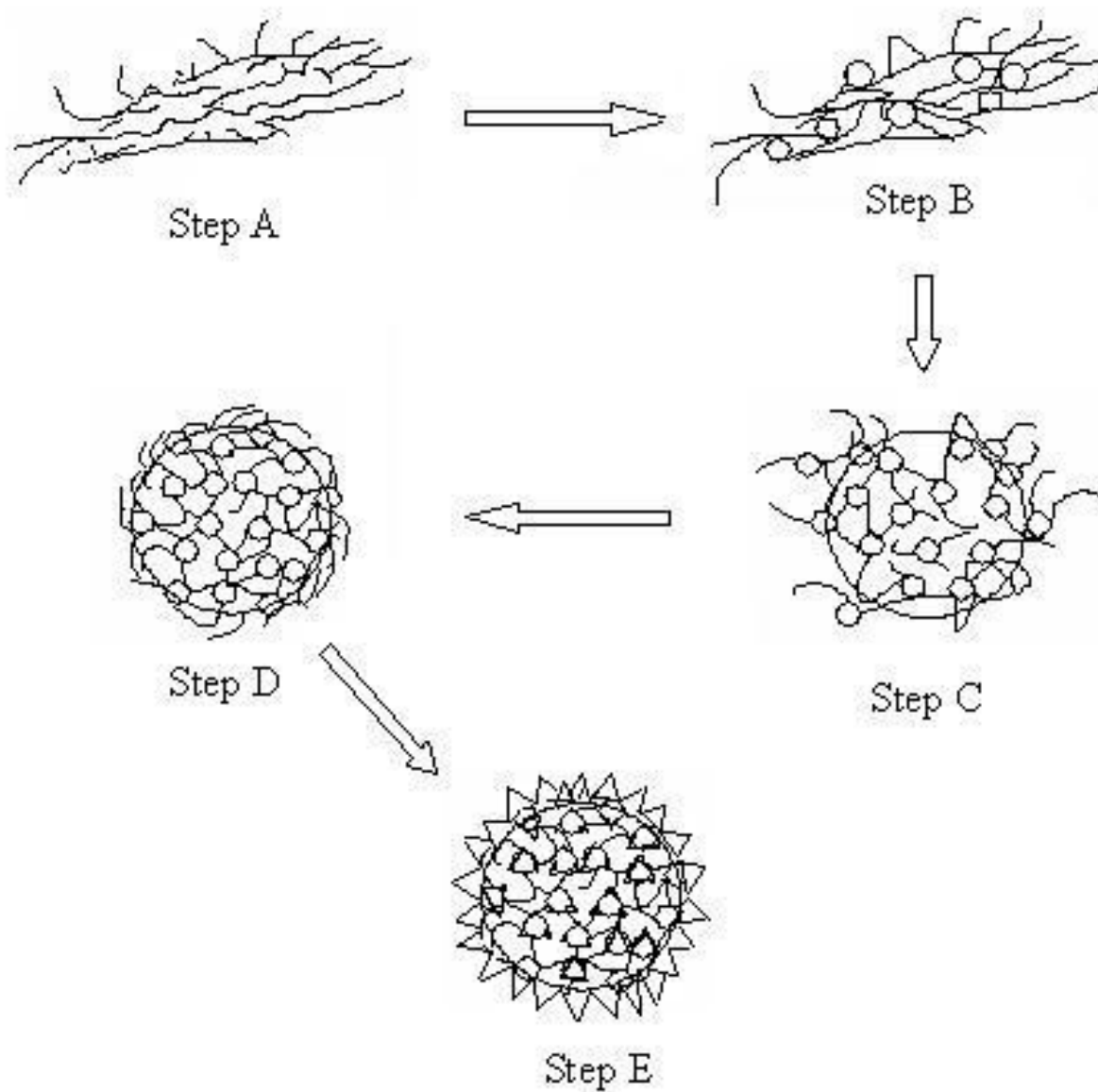


Figure S4 Proposed formation mechanism for sponge-like porous microspheres.