Tailoring Self-assembly Behavior of Biological Surfactant By Imidazolium-based Surfactants with Different Length of Hydrophobic Alkyl Tails

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Figure S1 The photographs of typical samples of the phase transition with the addition of [C\textsubscript{14}mim]Br to 50 mmol L\textsuperscript{-1} NaDC samples without the addition of PBS: \( c_{\text{NaDC}} = 50 \text{ mmol L}^{-1} \) and \( c_{[\text{C}_{14}\text{mim}]\text{Br}} \) is changeable: (a) 5, (b) 7.5, (c) 10, (d) 75, (e) 100 mmol L\textsuperscript{-1}. \( T = 20.0 \pm 0.1^\circ\text{C} \).

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Figure S2 The photographs of typical samples of 100 mmol L⁻¹ CₙmimBr/50 mmol L⁻¹NaDC mixed system. (a) C₁₄mimBr; (b) C₁₂mimBr; (c) C₈mimBr; (d) C₂mimBr.