

Supplementary materials

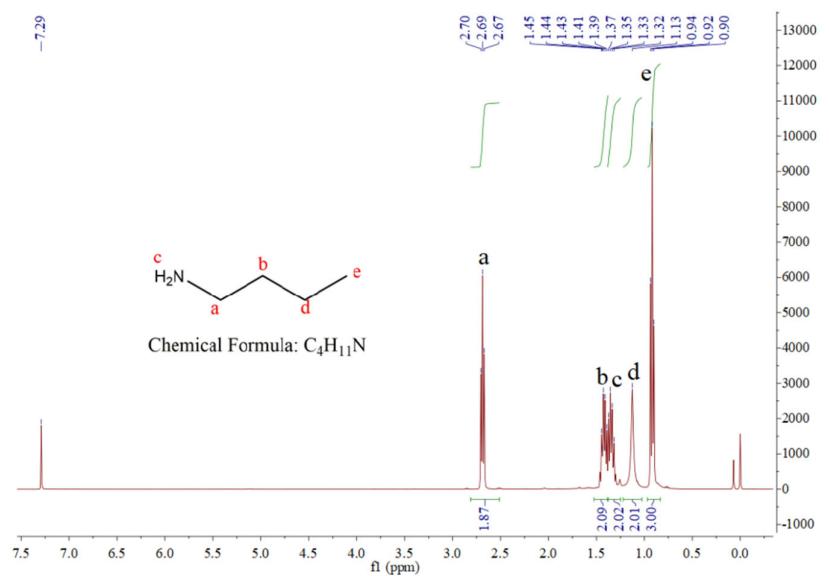


Figure S1. ^1H NMR of $\text{C}_4\text{H}_9\text{NH}_2$.

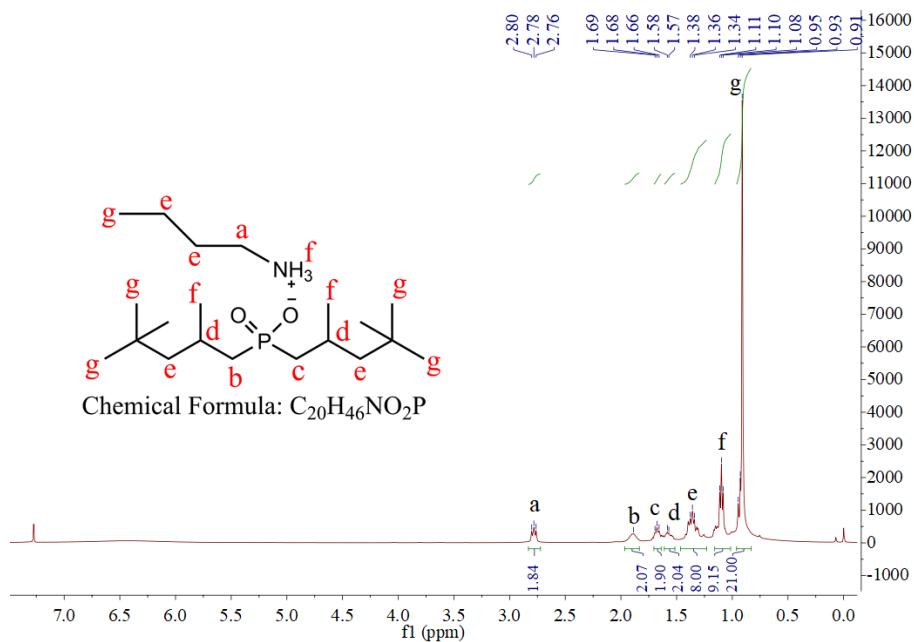


Figure S2. ^1H NMR of $[\text{C}_4\text{H}_9\text{NH}_3][\text{Cyanex 272}]$.

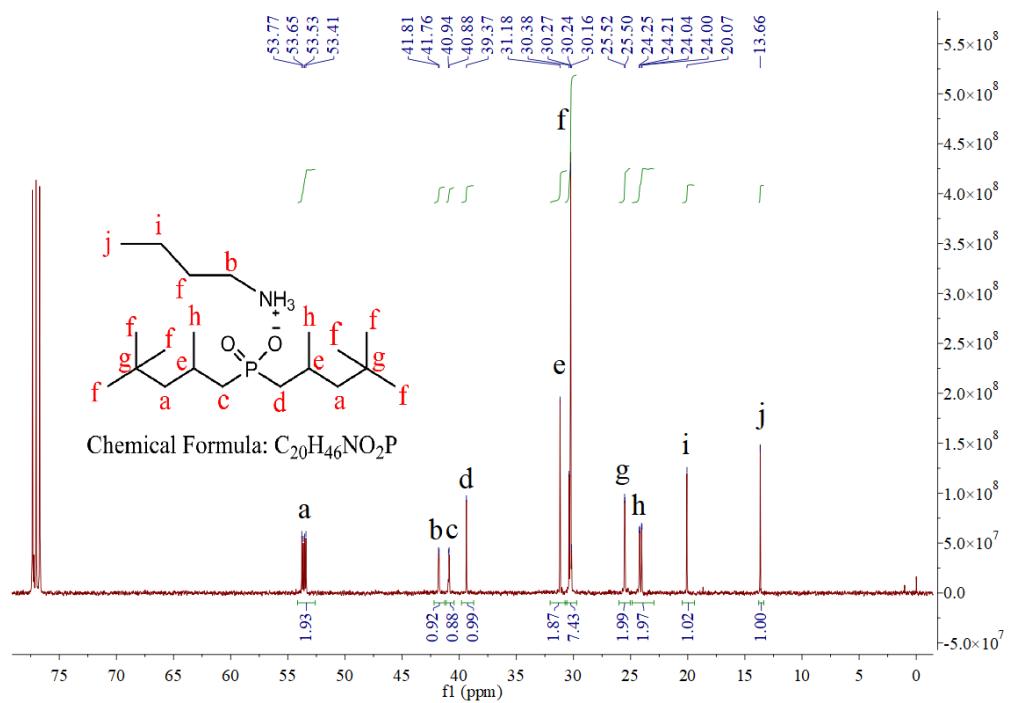


Figure S3. ^{13}C NMR of $[\text{C}_4\text{H}_9\text{NH}_3]\text{[Cyanex 272]}$.

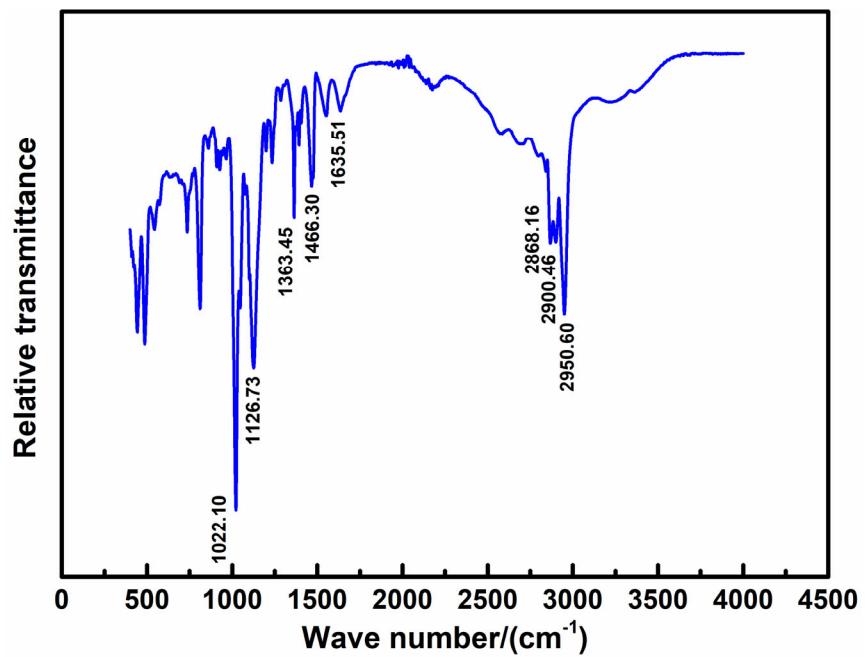


Figure S4. FT-IR of $[\text{C}_4\text{H}_9\text{NH}_3]\text{[Cyanex 272]}$.

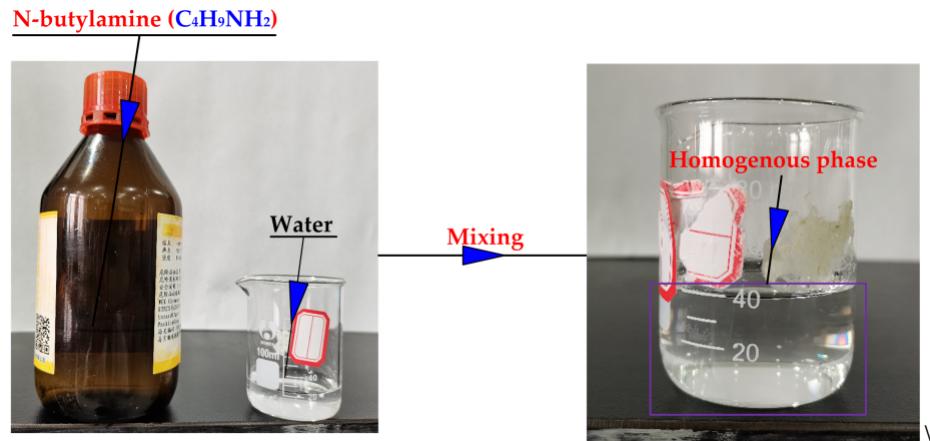


Figure S5. Homogenous phase of mixing of $C_4H_9NH_2$ and Water.

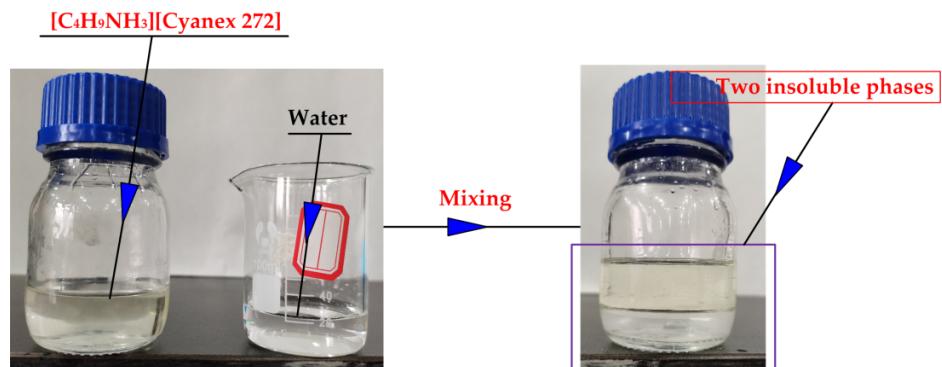


Figure S6. Two insoluble phases of mixing of $[C_4H_9NH_3][\text{Cyanex 272}]$ and Water.