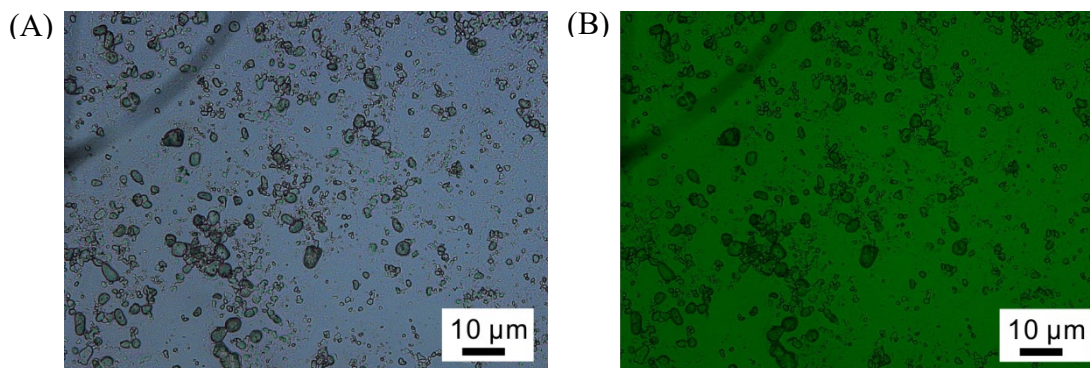
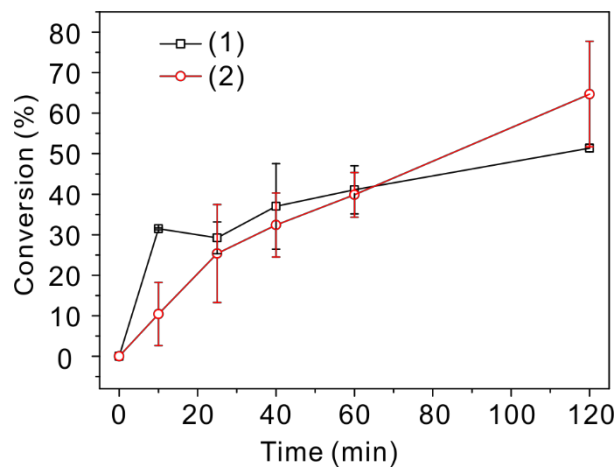


*Supplementary Material*



**Supplementary Figure 1.** (A) Optical and (B) fluorescent microscopy images of ZIF-8. The black particles in (B) are ZIF-8



**Supplementary Figure 2.** Conversion of (1) vinyl acetate and (2) vinyl laurate when free CalB was used as the catalyst. Reaction conditions: n-butanol or 3-(4-hydroxyphenyl)propan-1-ol (300 mM), vinyl acetate or vinyl laurate (200 mM), free CalB (366 μg, determined through Bradford test), acetone (250 μL), 25 °C.