

Supplementary Materials

Incorporation of rhodamine into a host polymer via in-situ generated isocyanate group and application for the detection of Cu²⁺ ion

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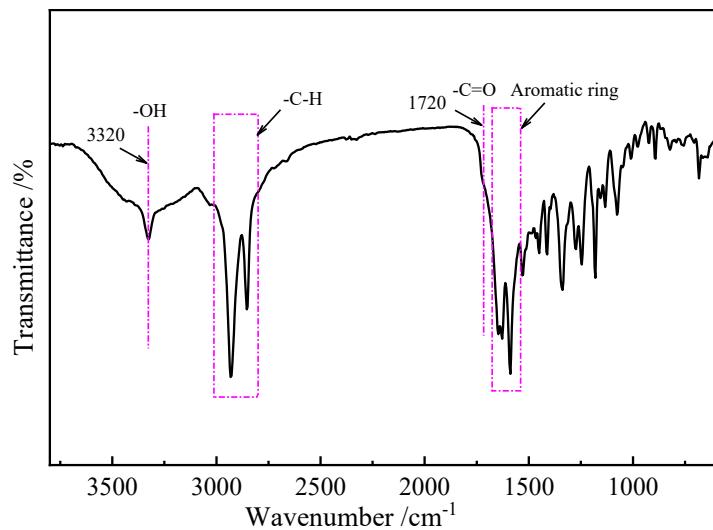


Figure S1. IR spectrum of RB-OH

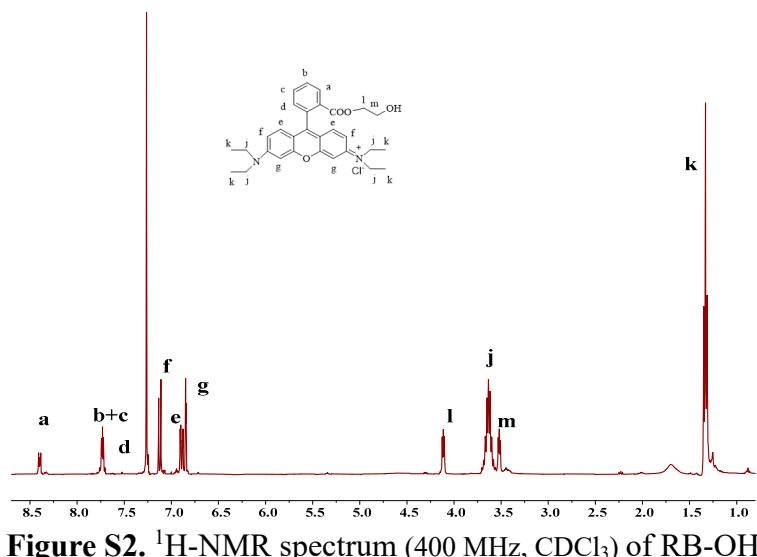


Figure S2. ^1H -NMR spectrum (400 MHz, CDCl_3) of RB-OH

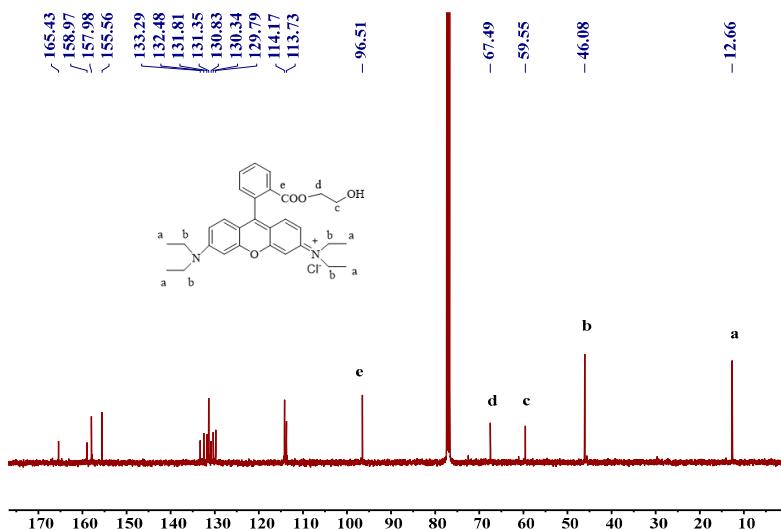


Figure S3. ^{13}C -NMR spectrum (100 MHz, CDCl_3) of RB-OH

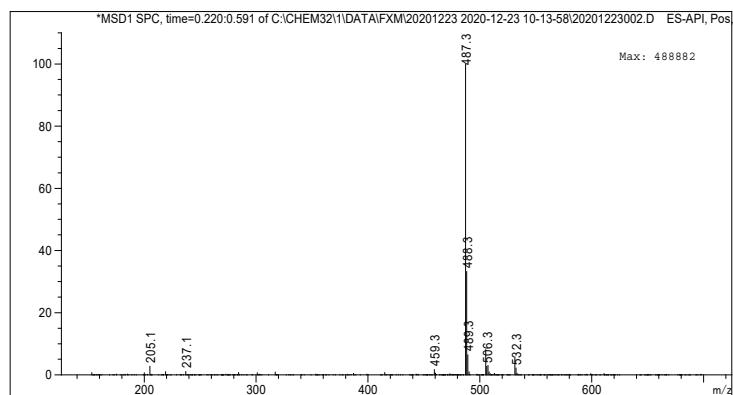


Figure S4. Mass spectrum of RB-OH

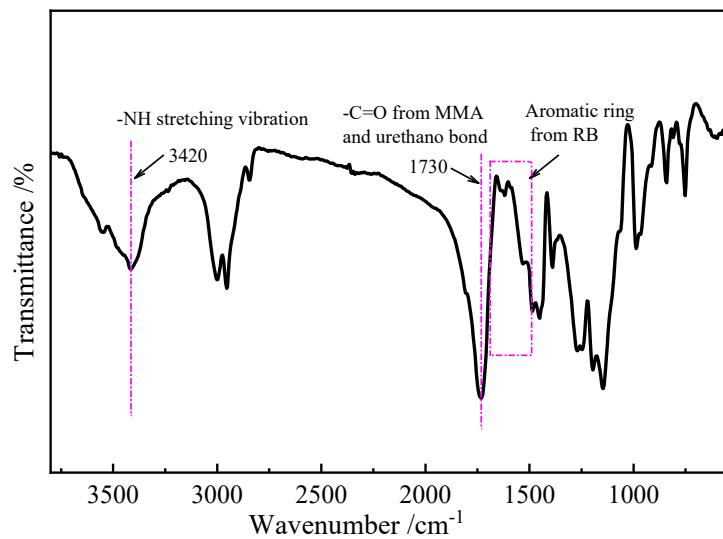


Figure S5. IR spectrum of P(MMA-co-RB)

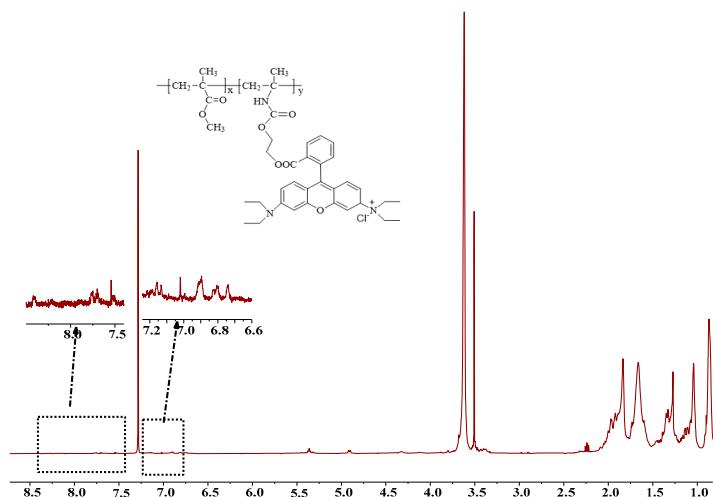


Figure S6. ¹H-NMR spectrum (400 MHz, CDCl₃) of P(MMA-co-RB)

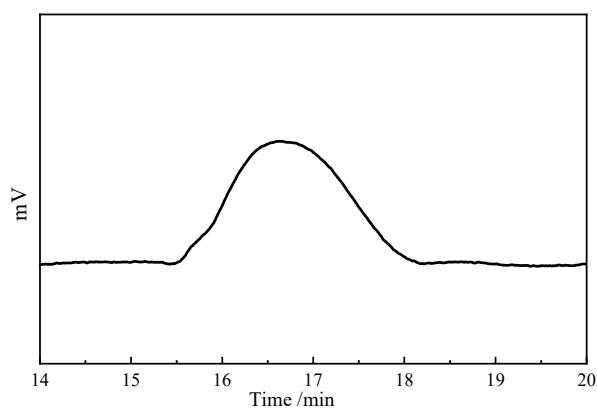


Figure S7. GPC chromatograms of P(MMA-co-RB)