

Facing the problem of the bis(acetylacetonato)cobalt(II)-mediated radical polymerization of acrylates

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Cobalt-Mediated Radical Polymerization (CMRP) is an efficient tool for polymerizing acrylates and vinyl esters. However, a challenge in CMRP remains in controlling the polymerization of both types of monomers with the same cobalt complex. Here, we show how $\text{Co}(\text{acac})_2$, efficient for unconjugated vinyl monomers, can also cope with acrylates.