Supplementary Information



Figure S2. ¹³C-NMR spectrum of adduct Et₃N·Al(C₆F₅)₃.







Figure S6. ¹⁹F-NMR spectrum of adduct TMP·Al(C₆F₅)₃.



Figure S7. ¹H-NMR spectra (CDCl₃) of polymerization of $_{\gamma}$ MMBL by Et₃N/B(C₆F₅)₃ with a ratio of 800:2:1 extracted at 10, 30, 60 min.



Figure S8. ¹H-NMR spectra (CDCl₃) of polymerization of γ MMBL by Et₃N/Al(C₆F₅)₃ with a ratio of 800:2:1 extracted at 10, 30 min.



Figure S9. ¹H-NMR spectra (CDCl₃) of polymerization of γ MMBL by TMP/B(C₆F₅)₃ with a ratio of 1600:2:1 extracted at 1, 2, 3 min.



Figure S10. ¹H-NMR spectra (CDCl₃) of polymerization of γ MMBL by TMP/Al(C₆F₅)₃ with a ratio of 1600:2:1 extracted at 1, 2, 3 min.



Figure S11. ¹H-NMR spectrum in CD_2Cl_2 of a stoichiometric reaction between of Et_3N and $B(C_6F_5)_3$.



Figure S12. ¹H-NMR spectrum in CD₂Cl₂ of a stoichiometric reaction between of Et₃N, $B(C_6F_5)_3$ and $_{\gamma}MMBL$.



Figure S13. ¹H-NMR spectrum in C₆D₆ of a stoichiometric reaction between of Et₃N, Al(C₆F₅)₃ and $_{\gamma}$ MMBL.



Figure S14. ¹H-NMR spectrum in CD_2Cl_2 of a stoichiometric mixture of Et_3N , $B(C_6F_5)_3$ and MMA.