Supplementary Information for

Ring-Opening Polymerization of Donor-Acceptor Cyclopropanes Catalyzed by Lewis Acids

Kosuke Hayakawa, Shin-ichi Matsuoka,* Masato Suzuki

Department of Life Science and Applied Chemistry, Graduate School of Engineering,

Nagoya Institute of Technology, Gokiso-cho, Showa-ku, Nagoya, Aichi 466-8555, Japan

Fax: +81-52-735-5442; Tel: +81-52-735-7254;

E-mail: matsuoka.shinichi@nitech.ac.jp

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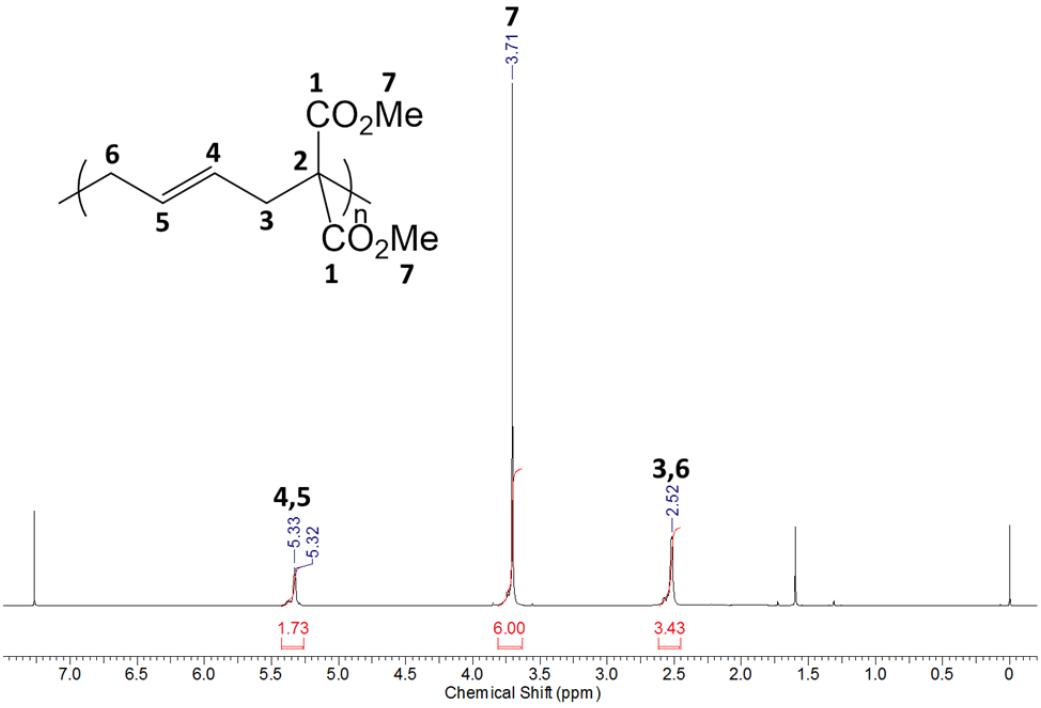

Figure S1 ^{1}H NMR spectrum of Poly1 (radical ROP, entry 1 in Table 2).

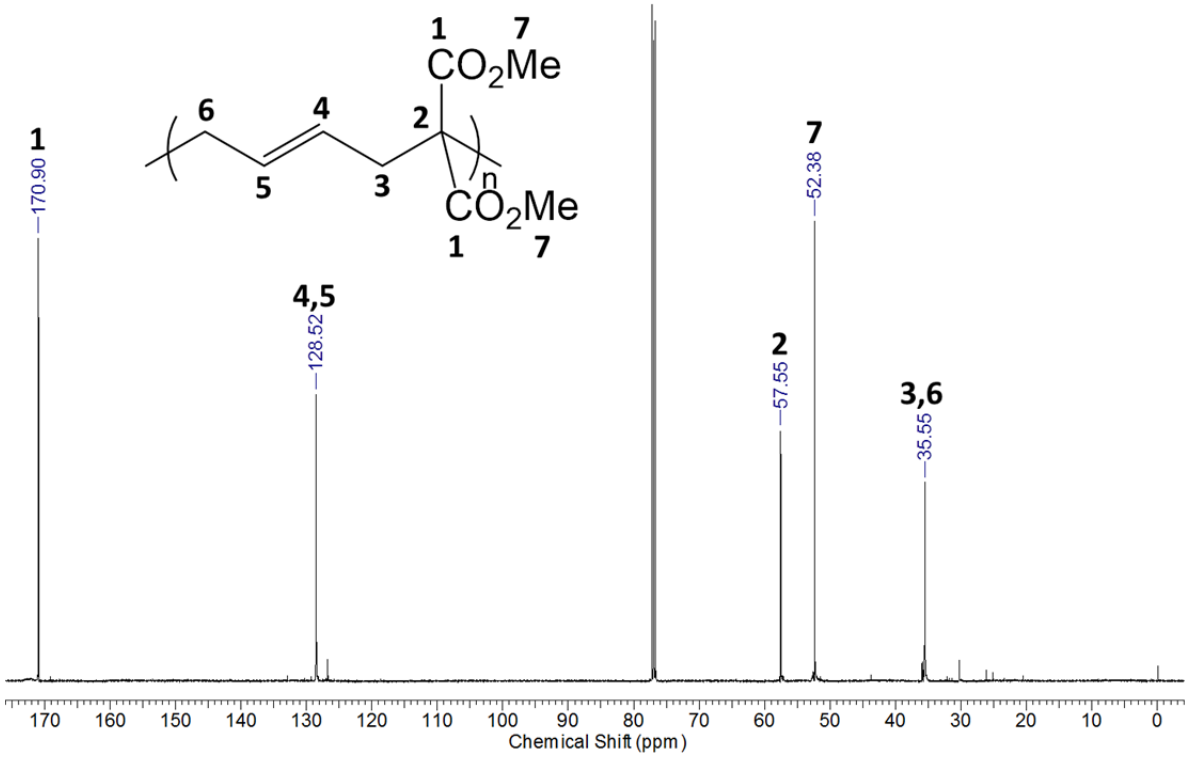

Figure S2 ^{13}C NMR spectrum of Poly1 (radical ROP, entry 1 in Table 2).

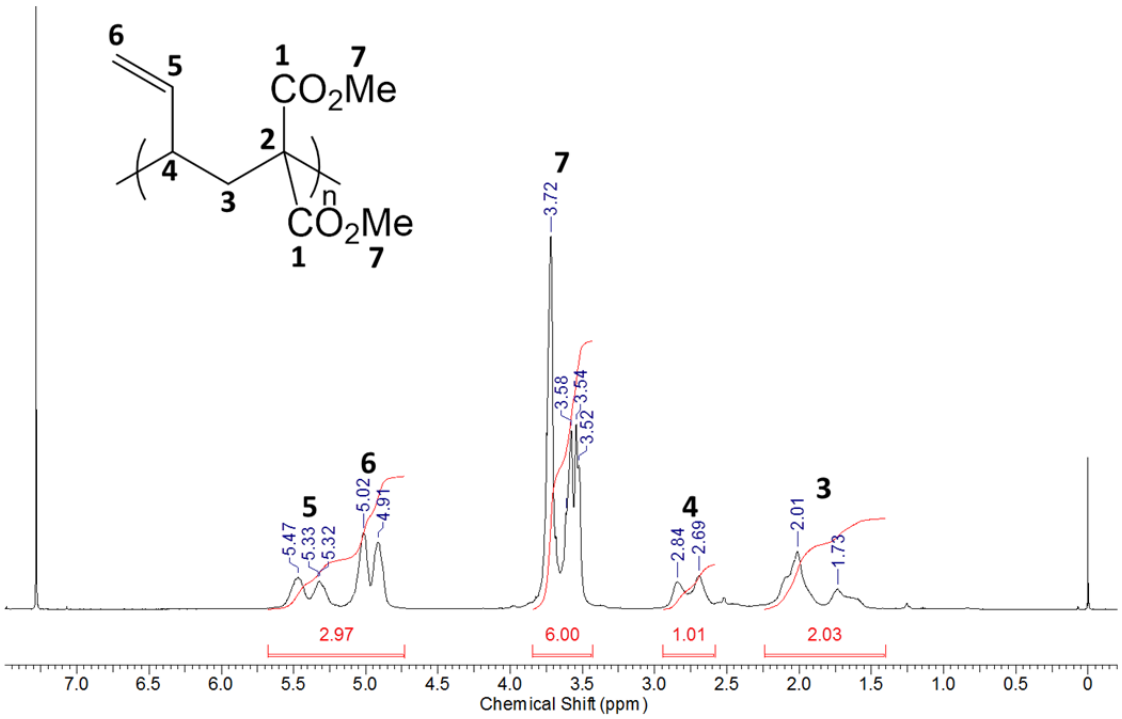

Figure S3 ^{1}H NMR spectrum of Poly1 (catalyzed by $SnCl_4$, entry 7 in Table 2).

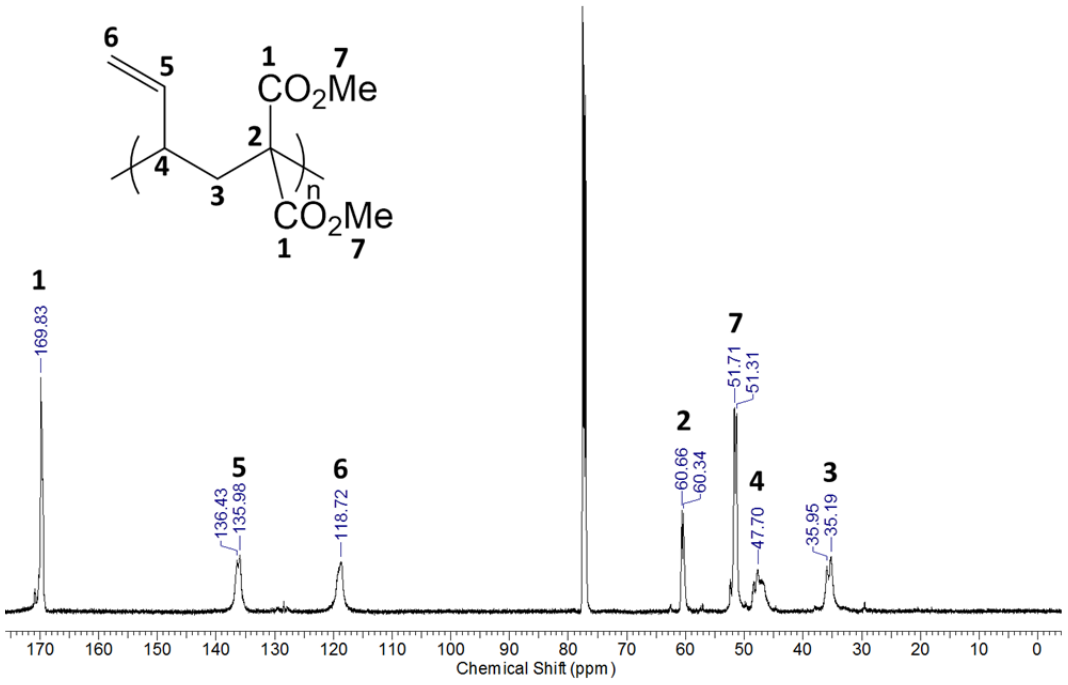

Figure S4 ^{13}C NMR spectrum of Poly1 (catalyzed by $SnCl_4$, entry 7 in Table 2).

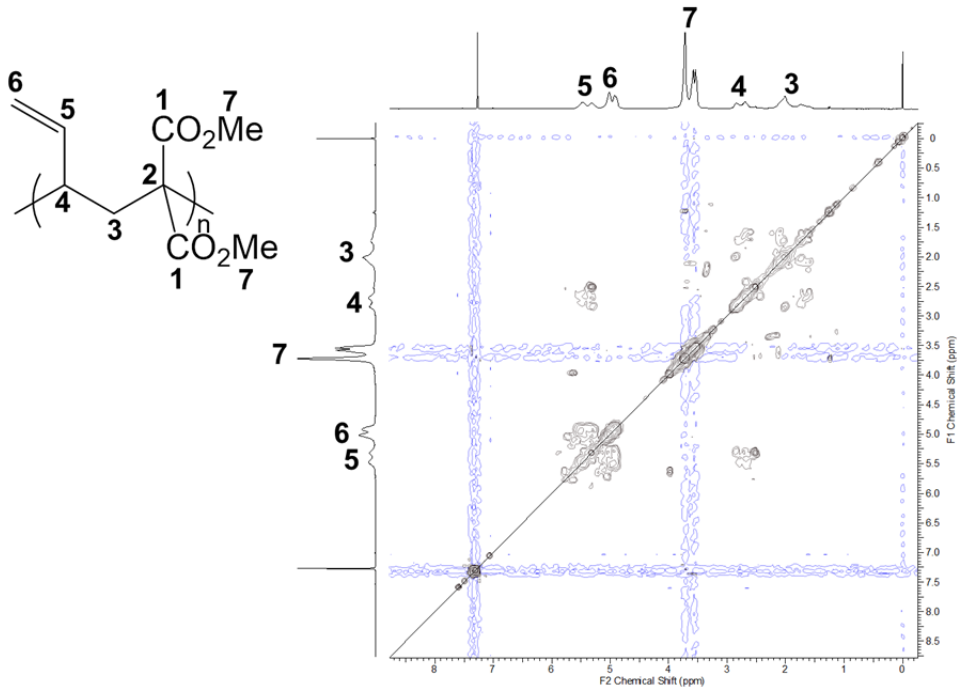

Figure S5 COSY spectrum of Poly1 (catalyzed by $SnCl_4$, entry 7 in Table 2).

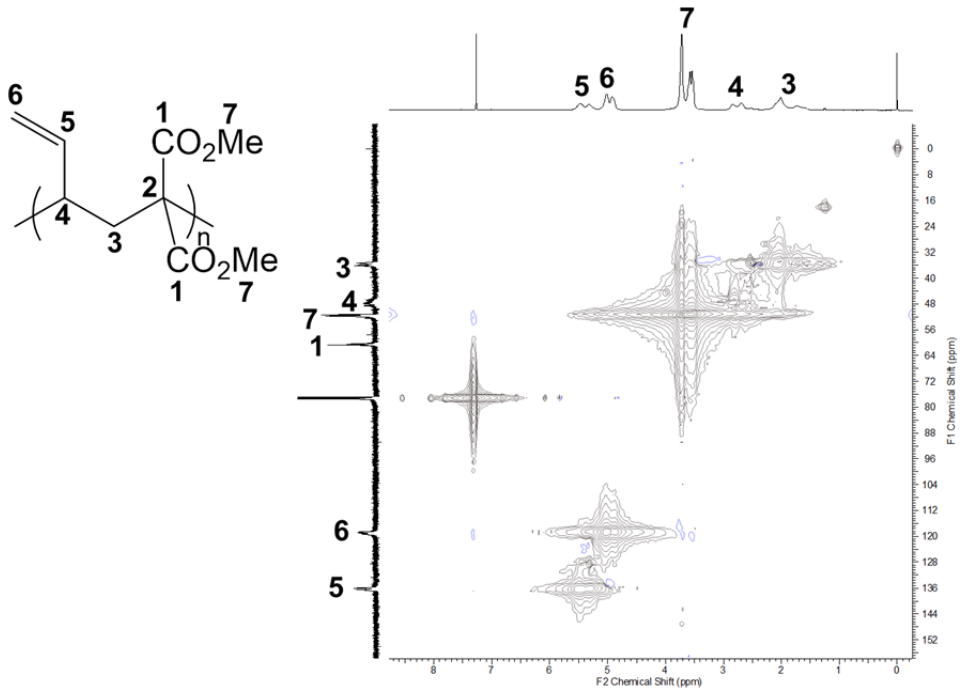

Figure S6 HMQC spectrum of Poly1 (catalyzed by $SnCl_4$, entry 7 in Table 2).

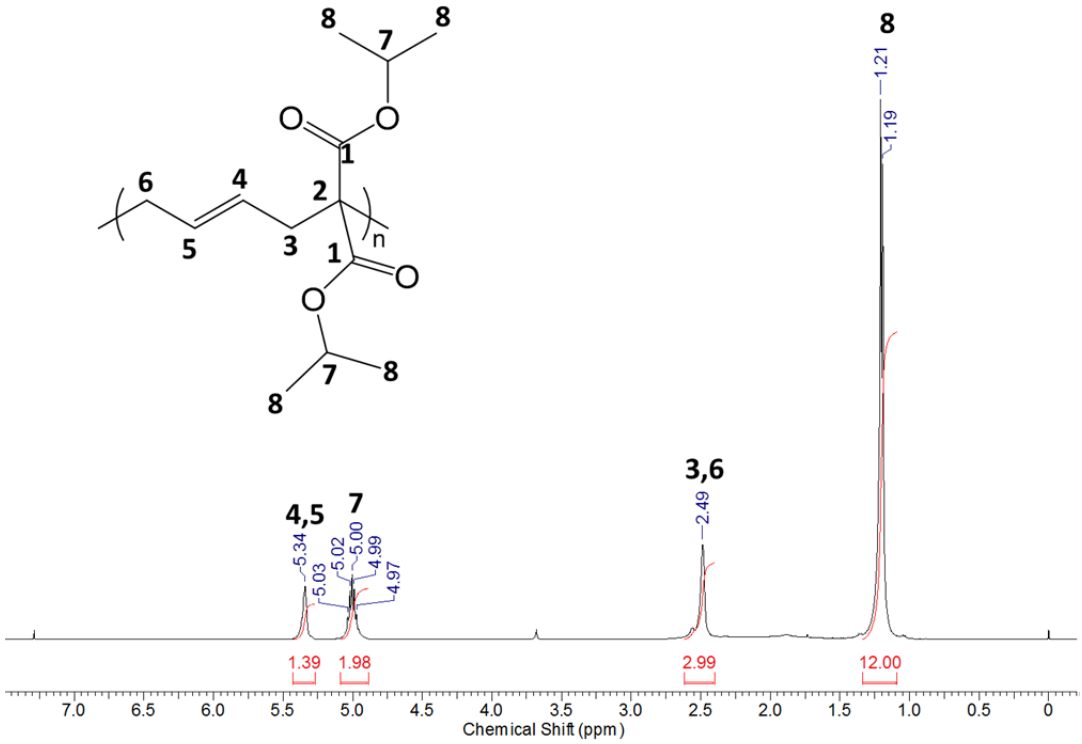

Figure S7 ^{1}H NMR spectrum of Poly2 (radical ROP, entry 10 in Table 2).

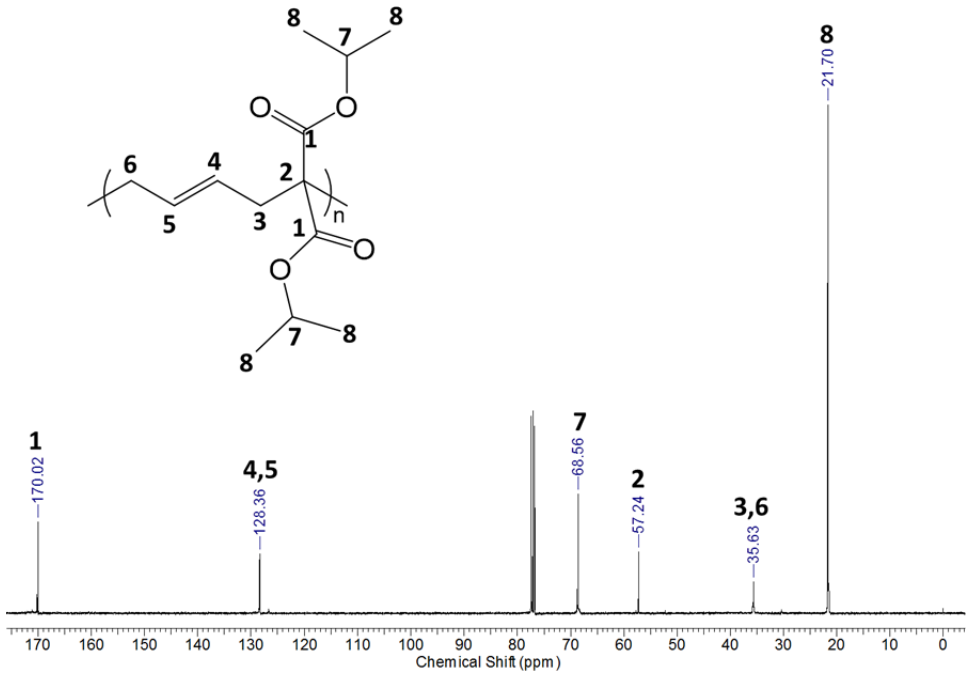

Figure S8 ^{13}C NMR spectrum of Poly2 (radical ROP, entry 10 in Table 2).

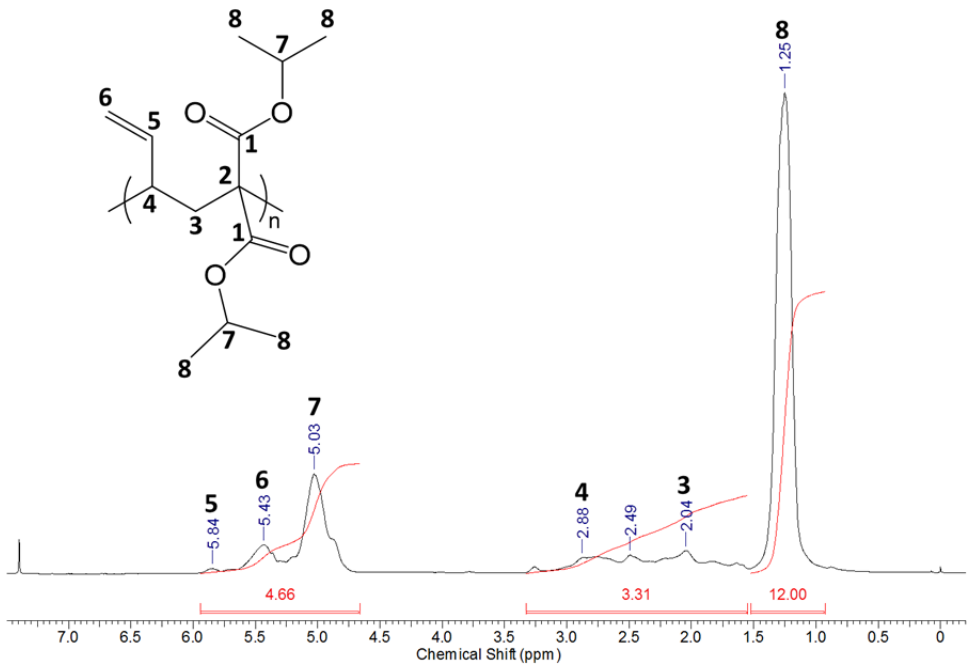

Figure S9 ^{1}H NMR spectrum of poly2 (catalyzed by $SnCl_4$, entry 13 in Table 2).

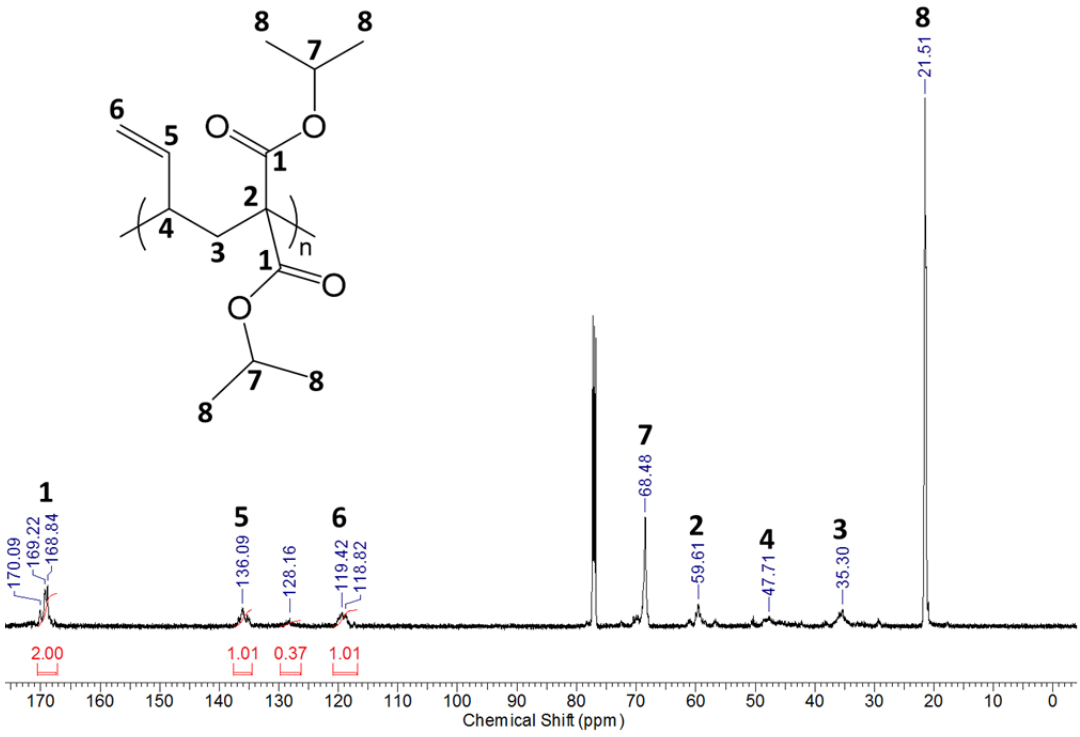

Figure S10 ^{13}C NMR spectrum of poly2 (catalyzed by $SnCl_4$, entry 13 in Table 2).

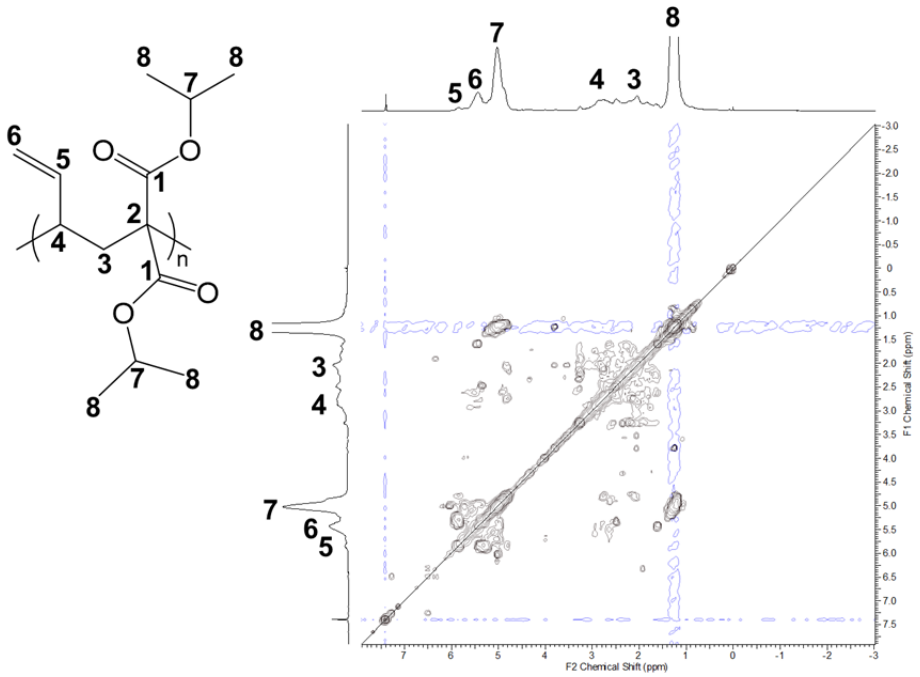

Figure S11 COSY spectrum of poly2 (catalyzed by $SnCl_4$, entry 13 in Table 2).

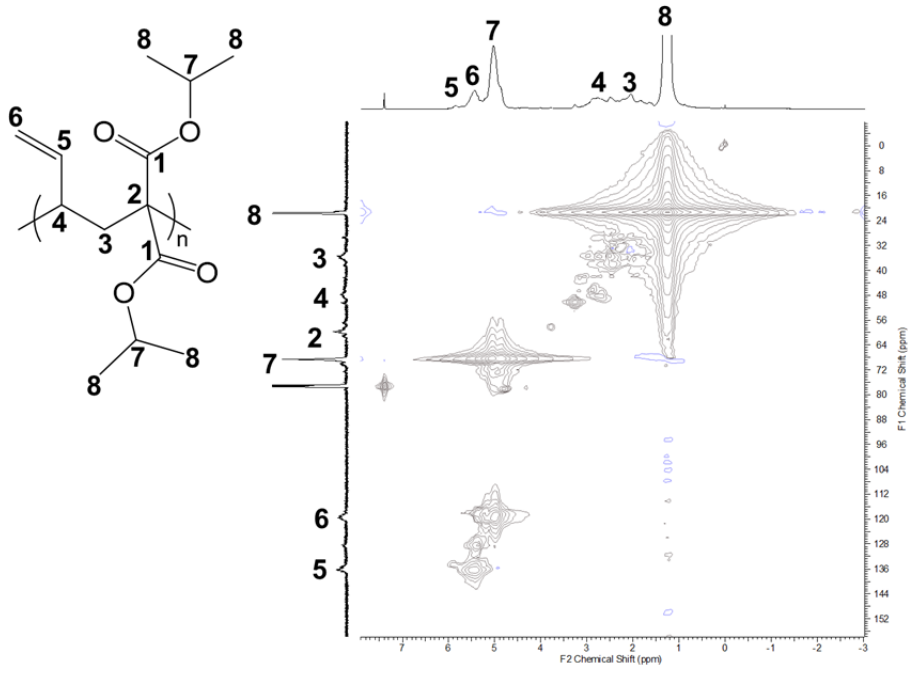

Figure S12 HMQC spectrum of poly2 (catalyzed by $SnCl_4$, entry 13 in Table 2).

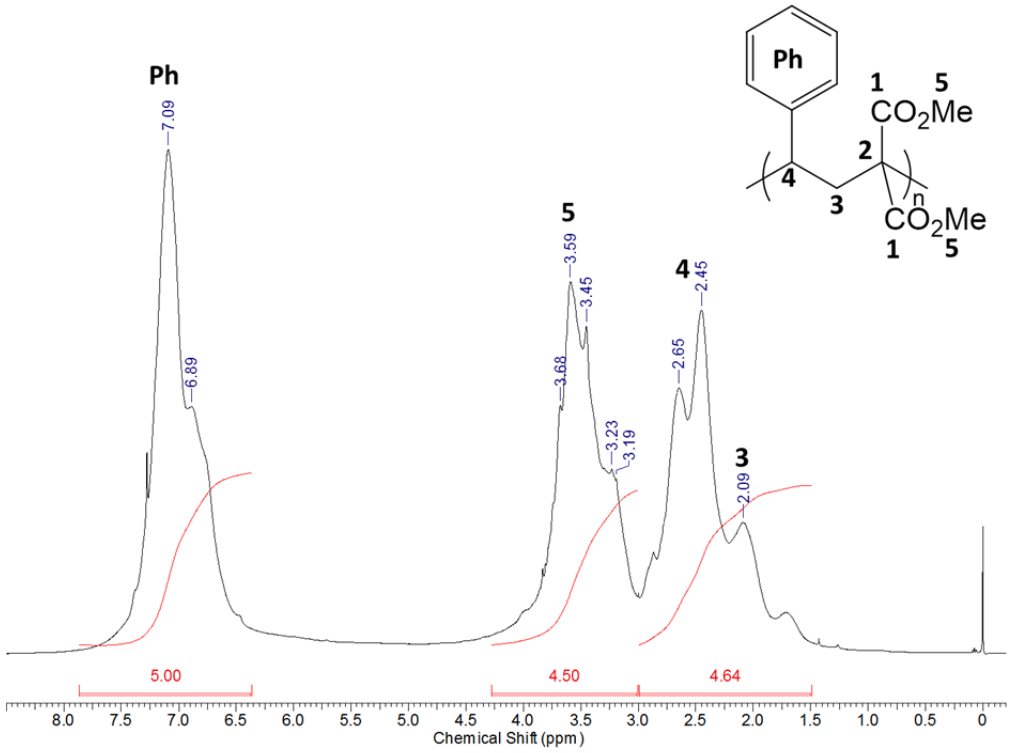

Figure S13 ^{1}H NMR spectra of poly5 (catalyzed by $SnCl_4$, entry 6 in Table 3).

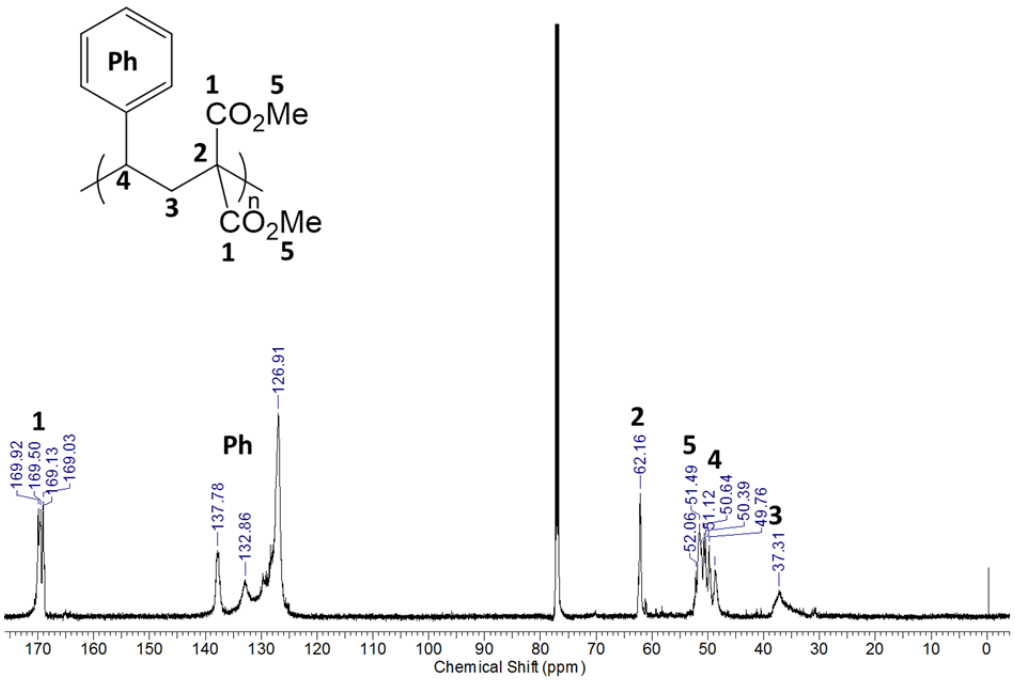

Figure S14 ^{13}C NMR spectrum of poly5 (catalyzed by $SnCl_4$, entry 6 in Table 3).

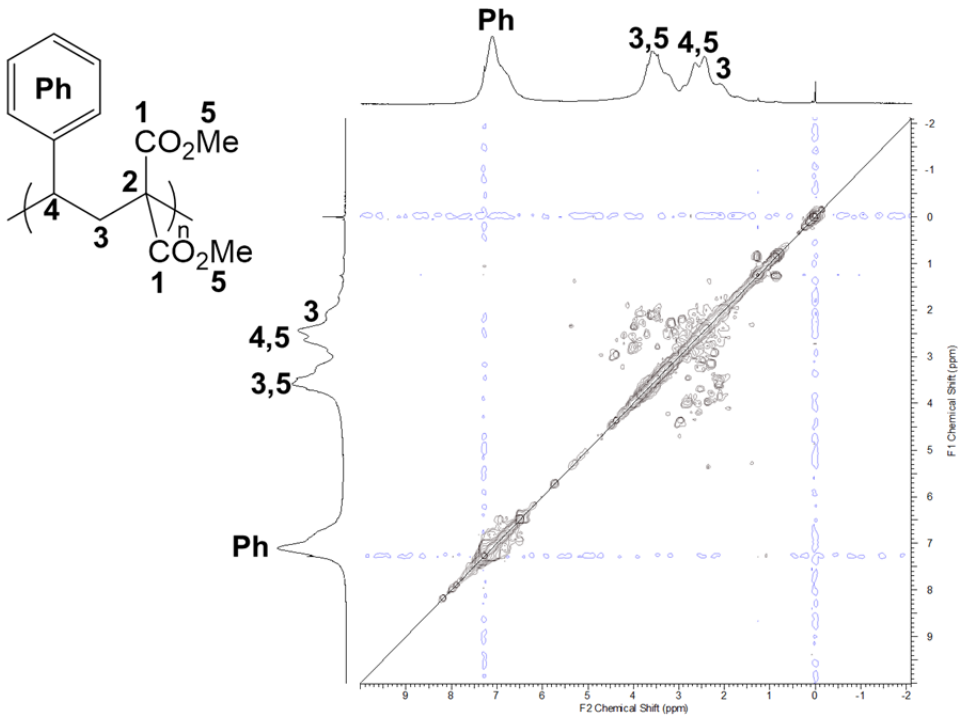

Figure S15 COSY spectrum of poly5 (catalyzed by $SnCl_4$, entry 6 in Table 3).

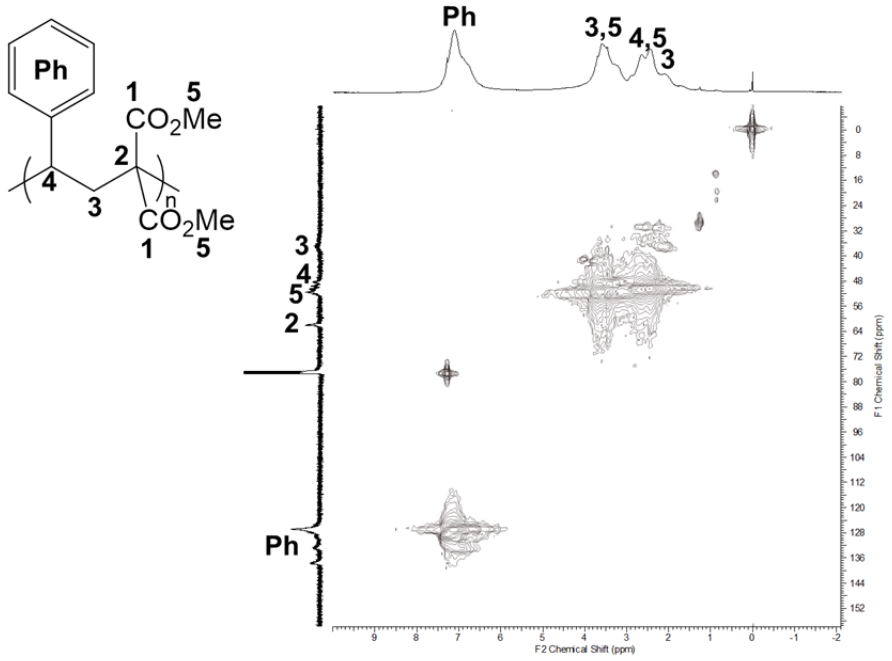

Figure S16 HMQC spectrum of poly5 (catalyzed by $SnCl_4$, entry 6 in Table 3).

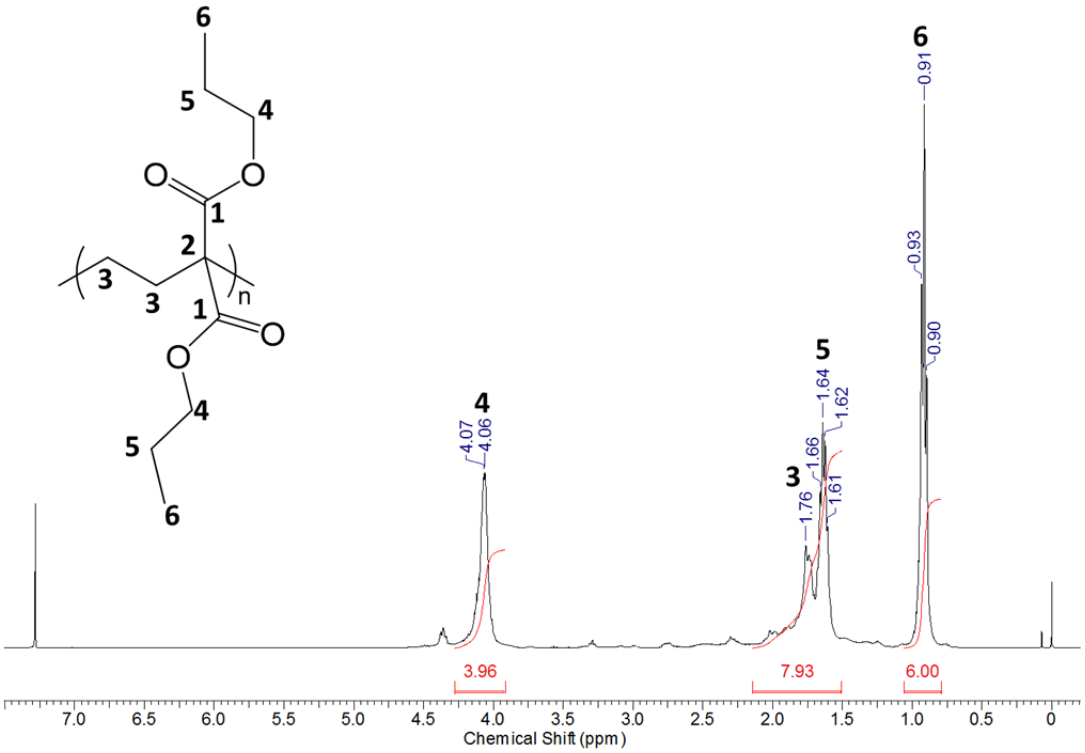

Figure S17 ^{1}H NMR spectrum of poly6 (catalyzed by $GaCl_3$, entry 11 in Table 3).

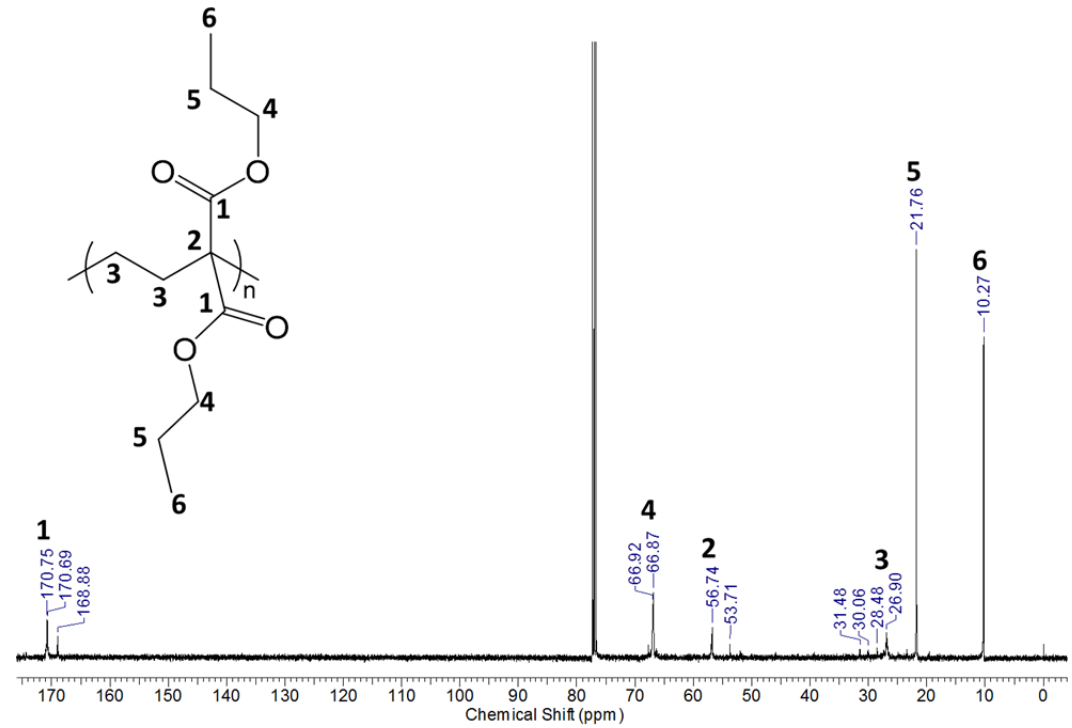

Figure S18 ^{13}C NMR spectrum of poly6 (catalyzed by $GaCl_3$, entry 11 in Table 3).

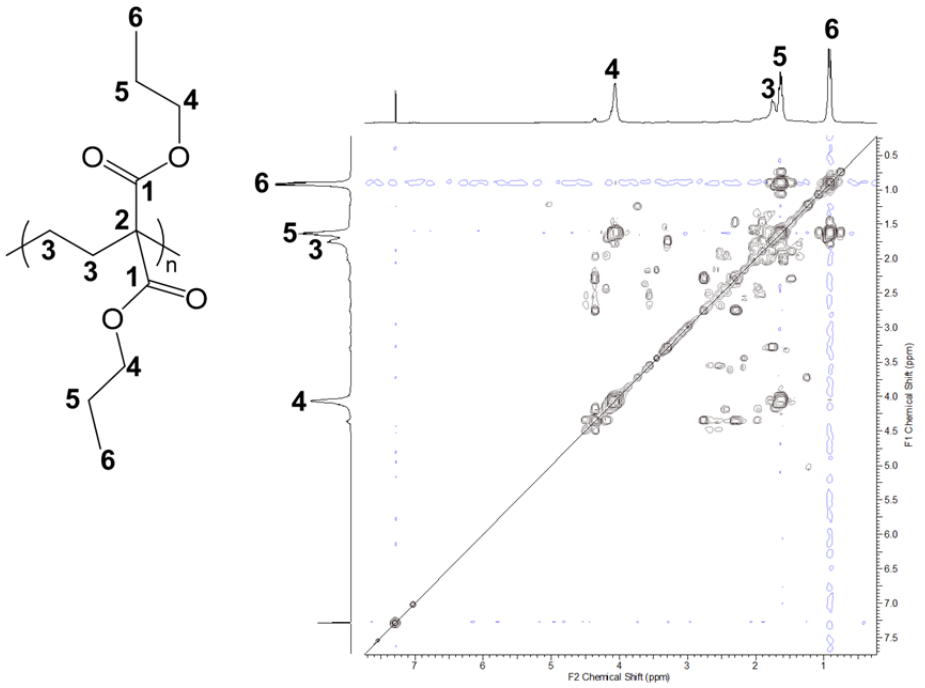

Figure S19 COSY spectrum of poly6 (catalyzed by $GaCl_3$, entry 11 in Table 3).

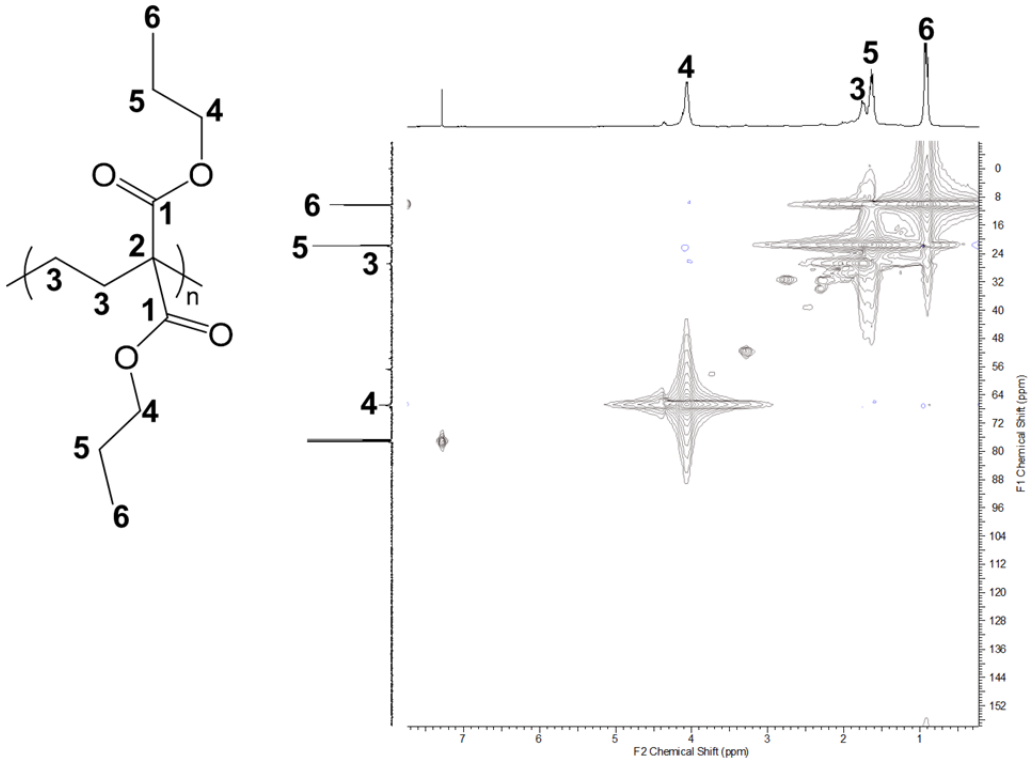

Figure S20 HMQC spectrum of poly6 (catalyzed by $GaCl_3$, entry 11 in Table 3).

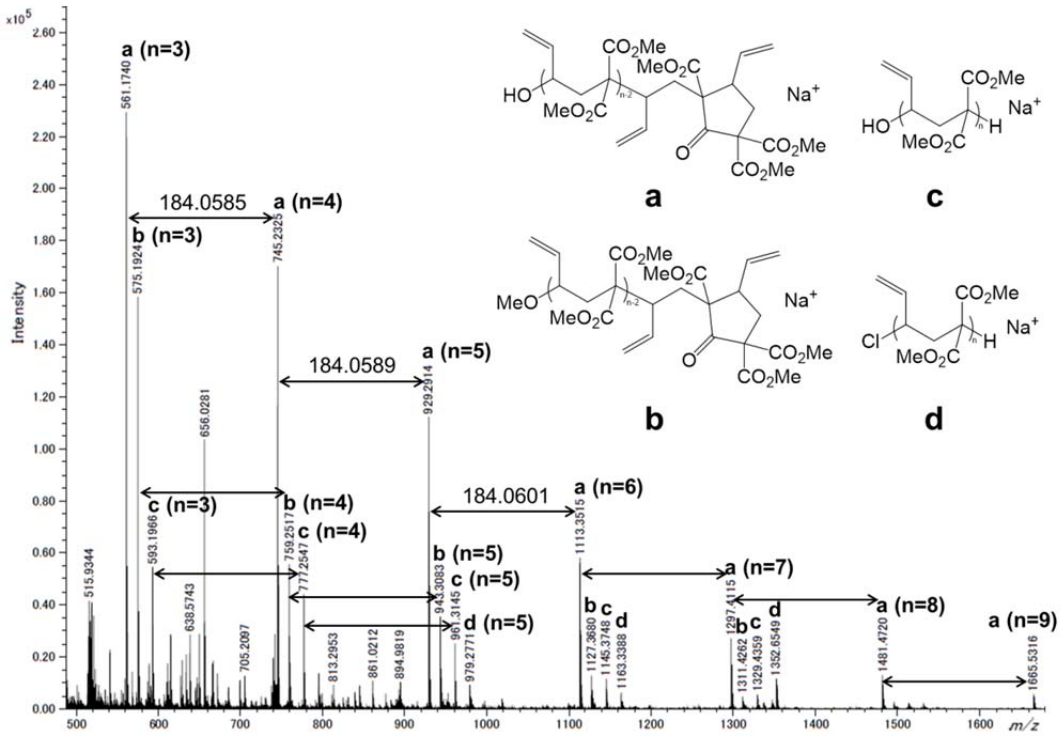

Figure S21 MALDI-TOF-MS of poly1 (entry 7 in Table 2, matrix: α-CHCA).

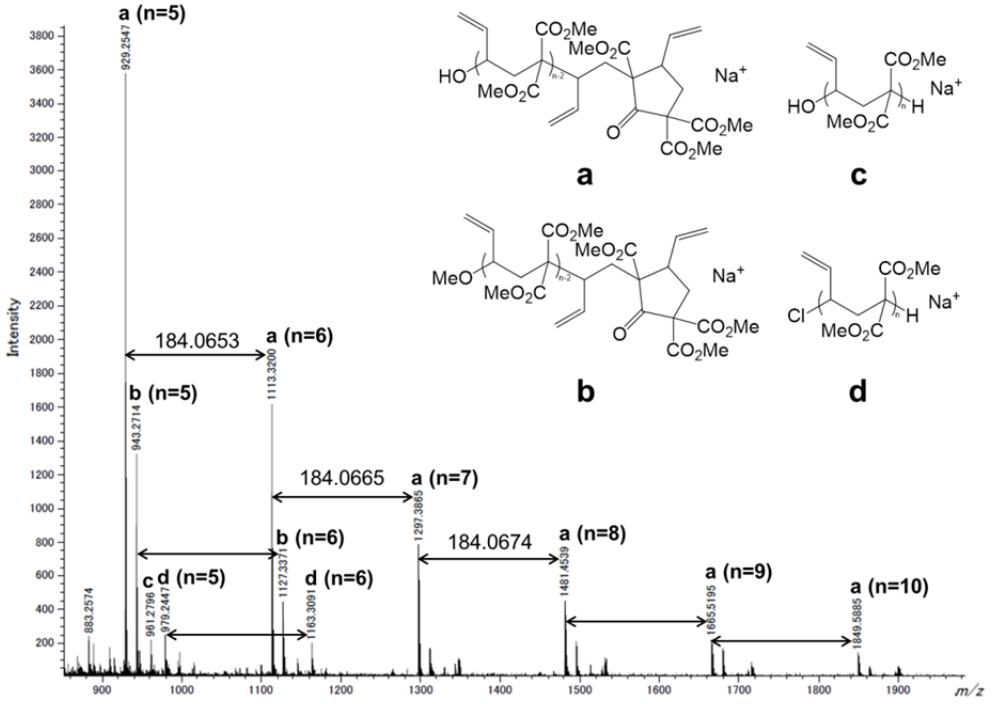

Figure S22 MALDI-TOF-MS of poly1 (entry 7 in Table 2, matrix: dithranol).

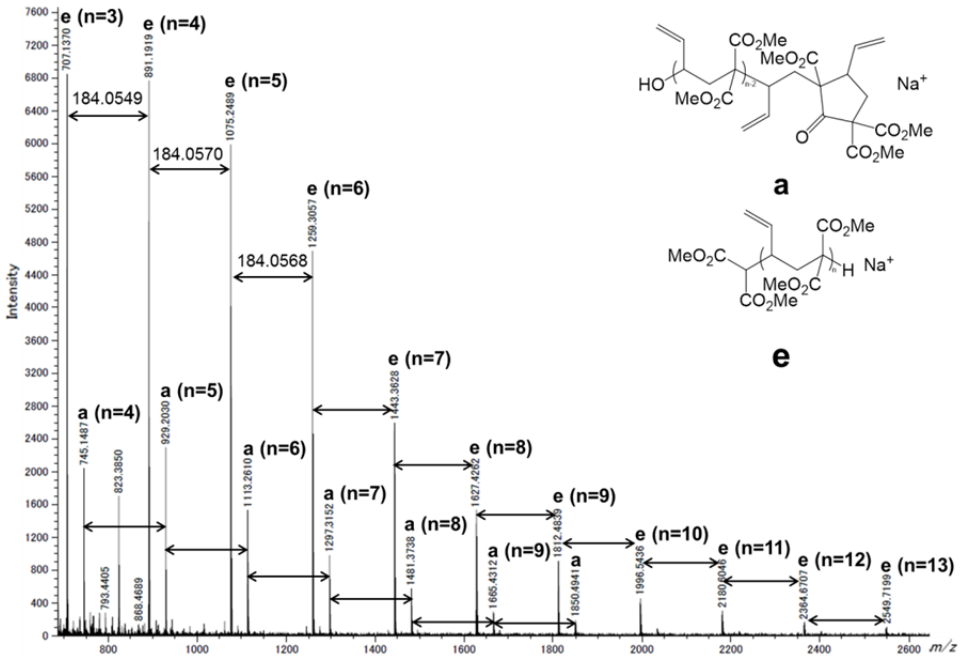

Figure S23 MALDI-TOF-MS of poly1 (initiated by dimethyl malonate, entry 18 in Table 2, matrix: α-CHCA).

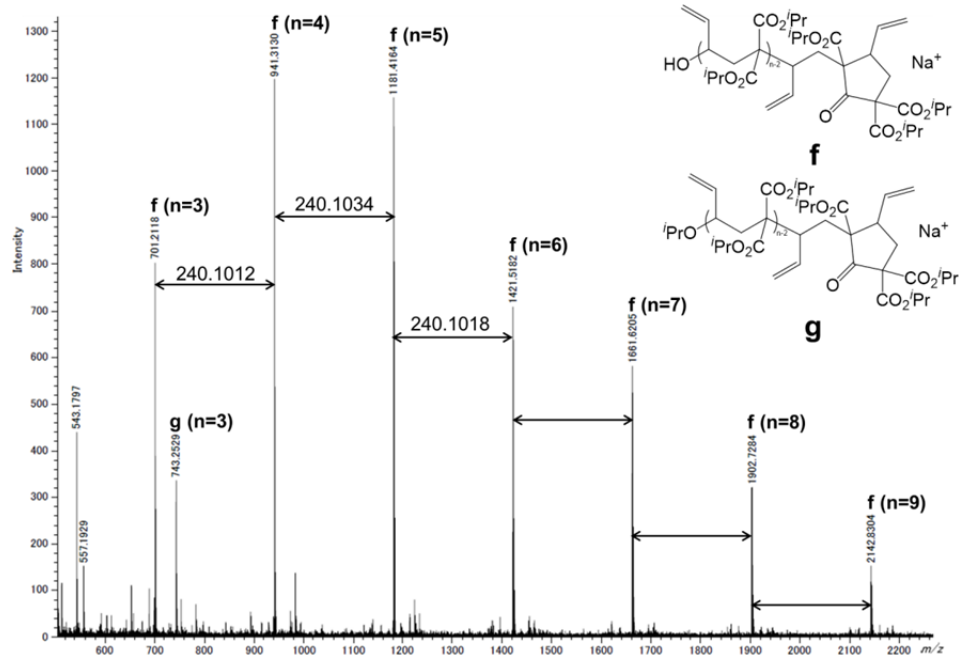

Figure S24 MALDI-TOF-MS of poly2 (entry 13 in Table 2, matrix: dithranol)

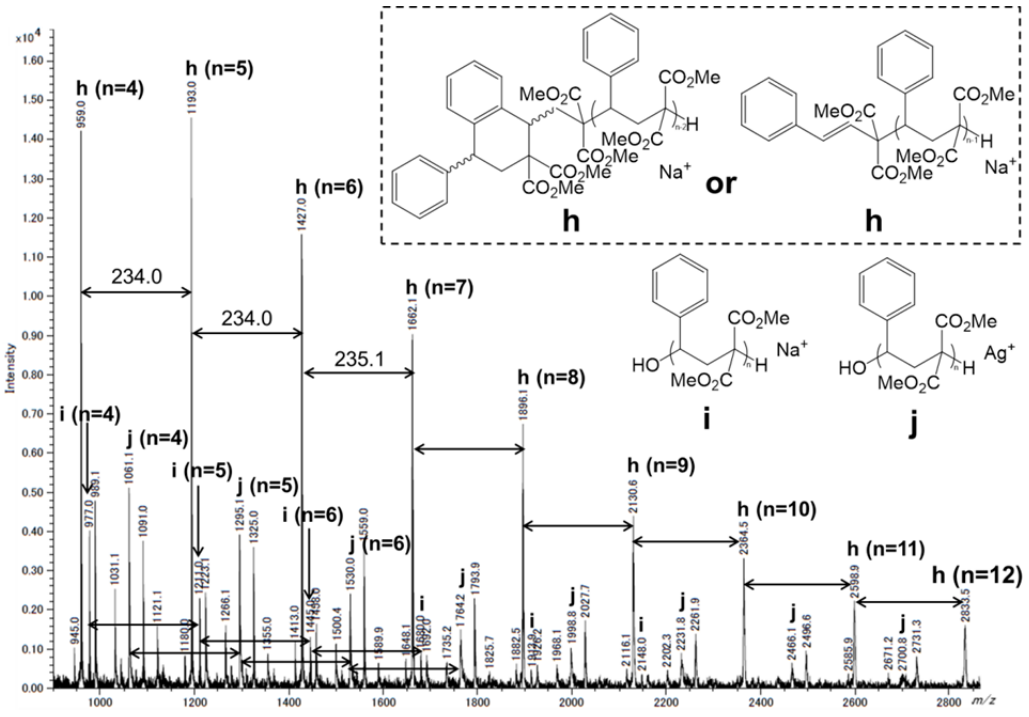

Figure S25 MALDI-TOF-MS of poly5 ($SnCl_4$ (10 mol%), 0 °C, in CH_3NO_2 (0.5 mL), matrix: dithranol).

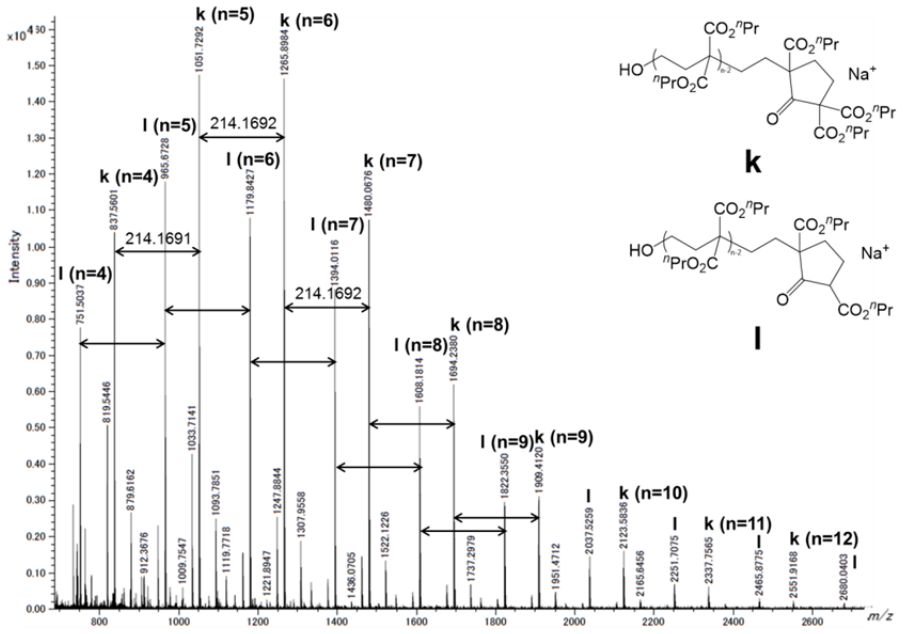

Figure S26 MALDI-TOF-MS of poly6 (entry11 in Table 3, matrix: dithranol).