

Zinc Amido-Oxazolate Catalyzed Ring Opening Copolymerization and Terpolymerization of Maleic Anhydride and Epoxides

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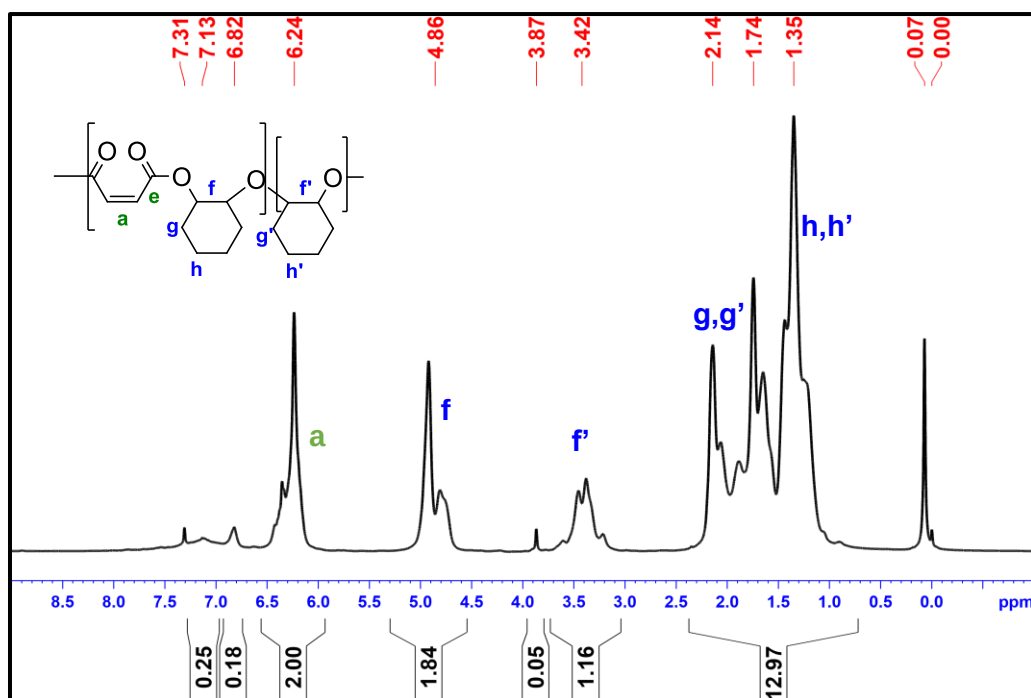


Figure S1. ¹H NMR spectrum of poly(CHO-MA) from ROCOP of CHO & MA with catalyst **1**

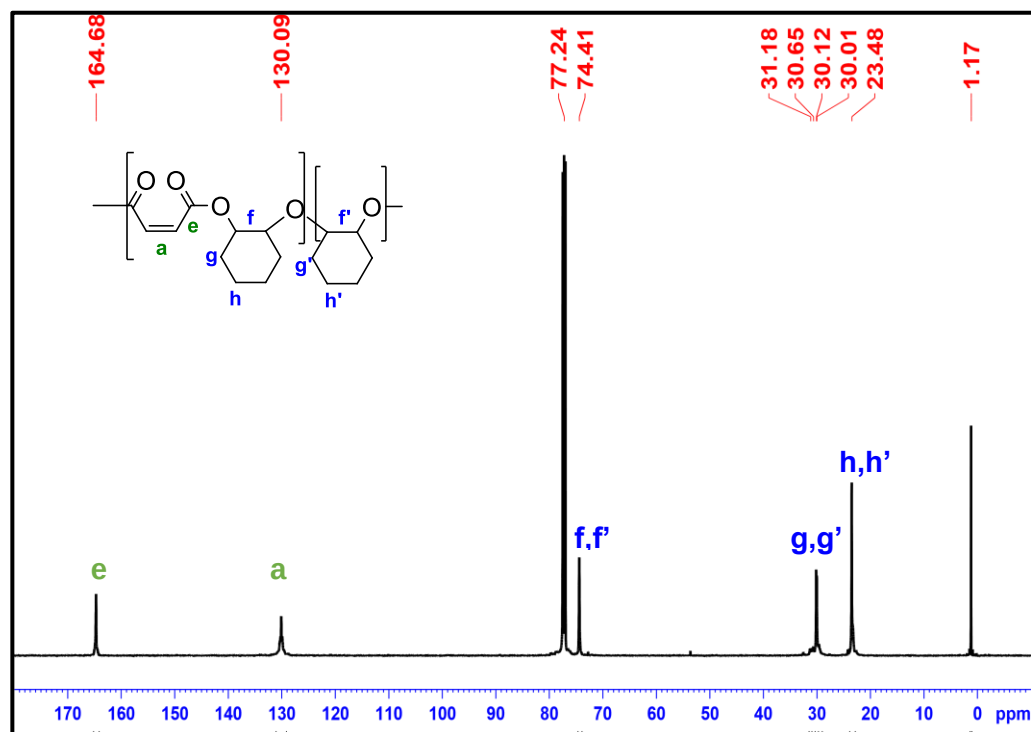


Figure S2. ¹³C NMR spectrum of poly(CHO-MA) from ROCOP of CHO & MA with catalyst **1**

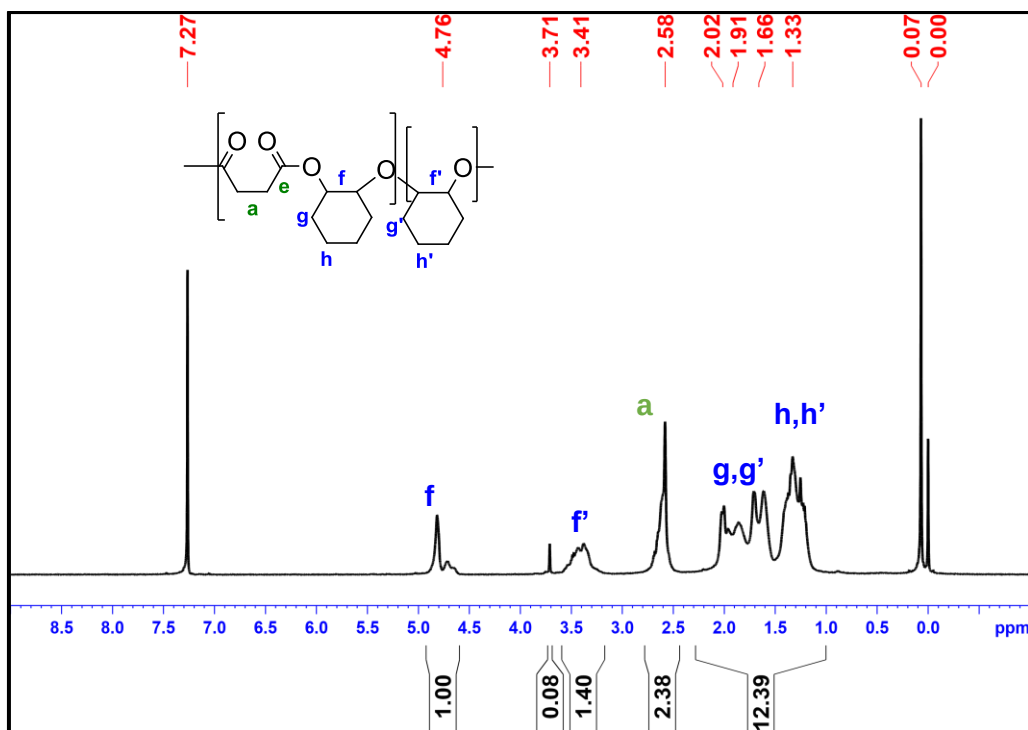


Figure S3. ^1H NMR spectrum of poly(CHO-SA) from ROCOP of CHO & SA with catalyst **1**

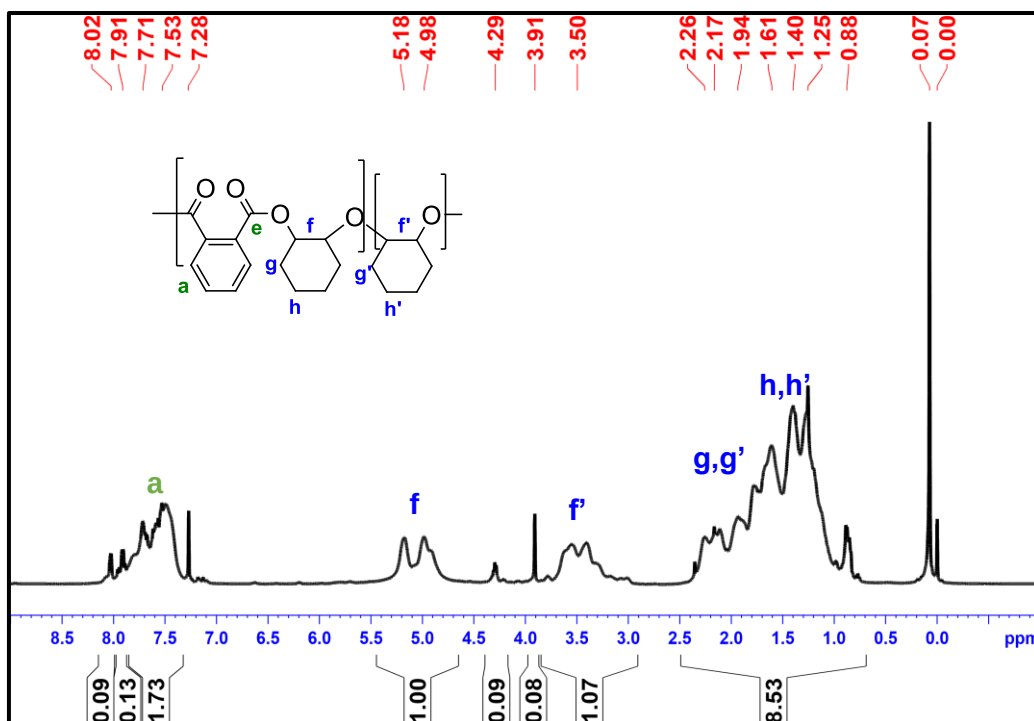


Figure S4. ^1H NMR spectrum of poly(CHO-PA) from ROCOP of CHO & PA with catalyst **1**

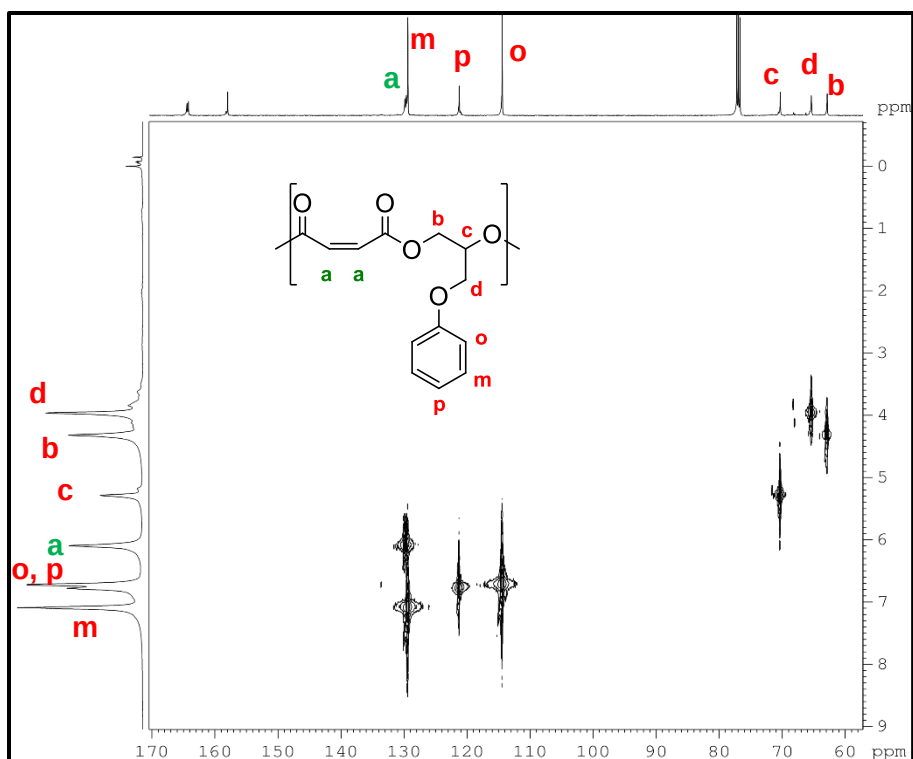


Figure S5. ^1H - ^{13}C HETCOR spectrum of poly(PGE-MA) from ROCOP of PGE, & MA with catalyst **1**

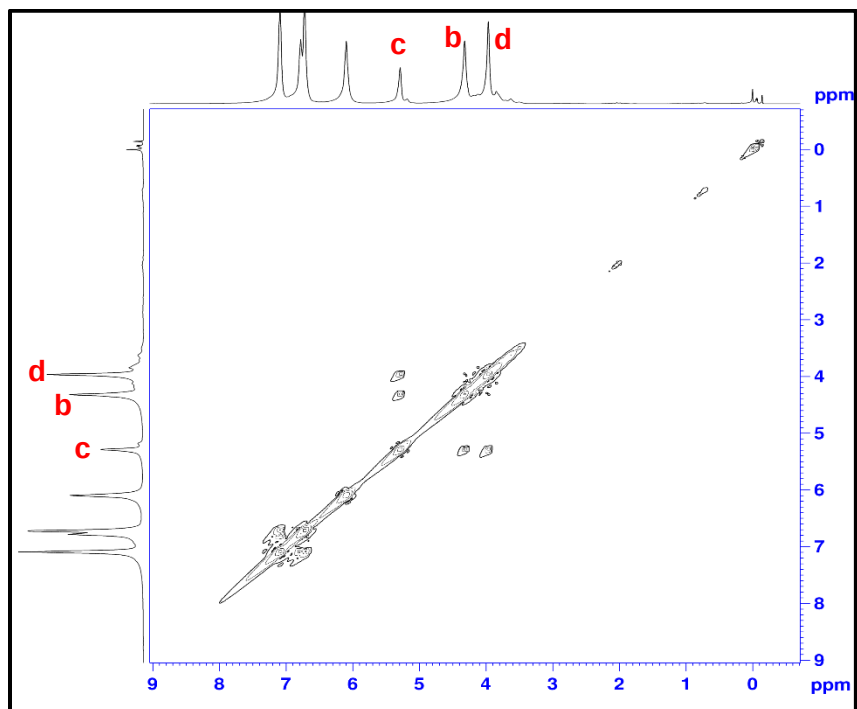


Figure S6. ^1H - ^1H COSY-NMR spectrum of poly(PGE-MA) from ROCOP of PGE, & MA with catalyst **1**

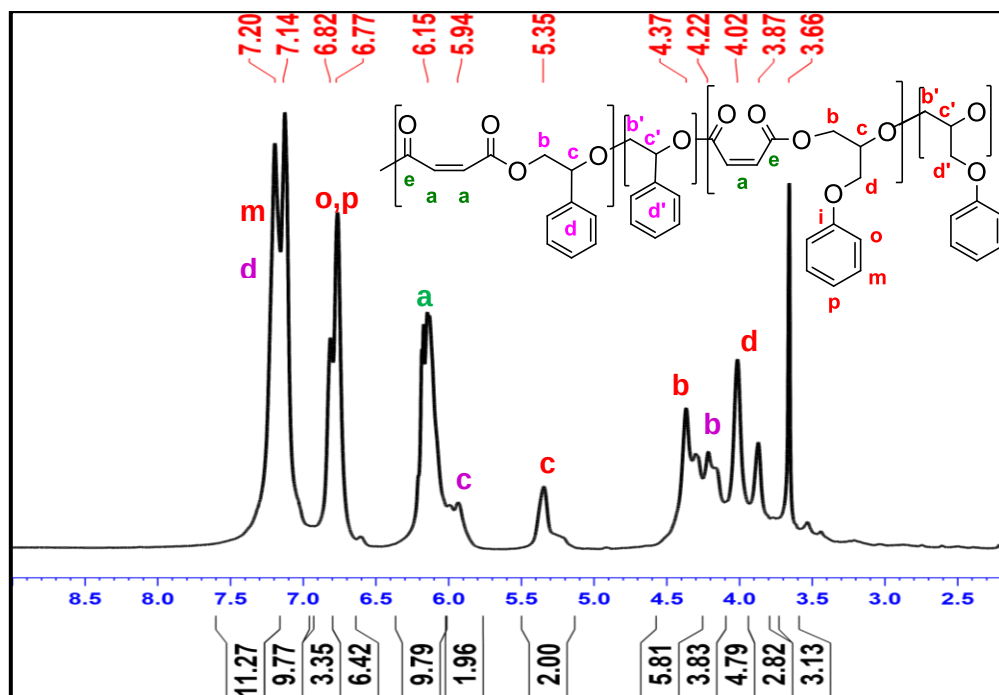


Figure S7. ¹H NMR spectrum of poly(PGE-SO-MA) from ROCOP of PGE, SO& MA with catalyst **1** Table 4, entry 6

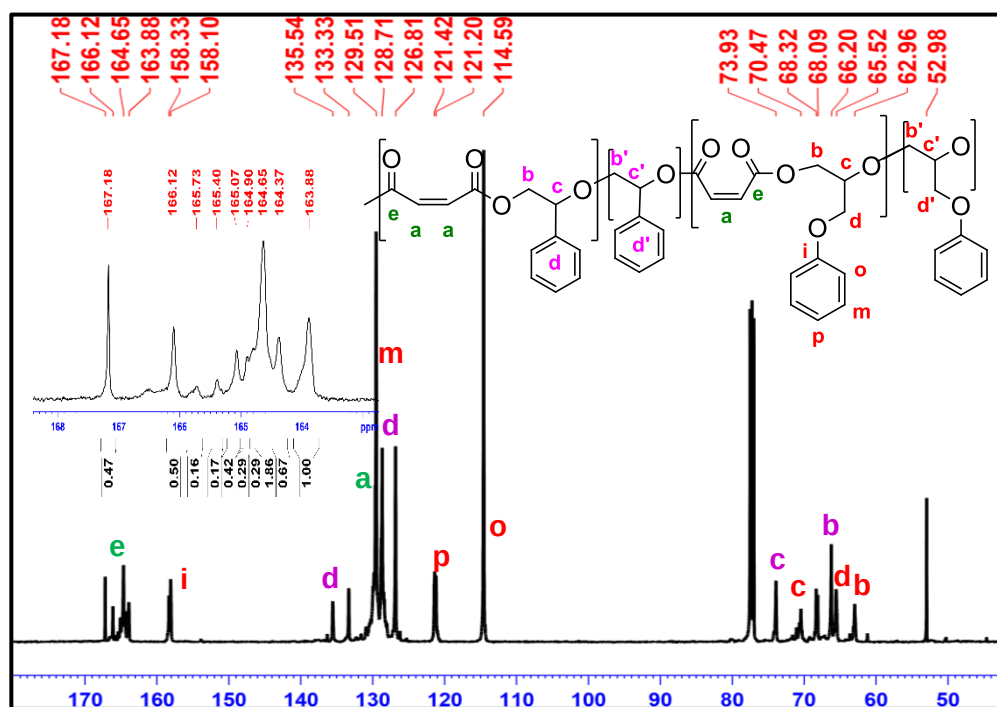


Figure S8. ¹³C NMR spectrum of poly(PGE-SO-MA) from ROCOP of PGE, SO & MA with catalyst **1**

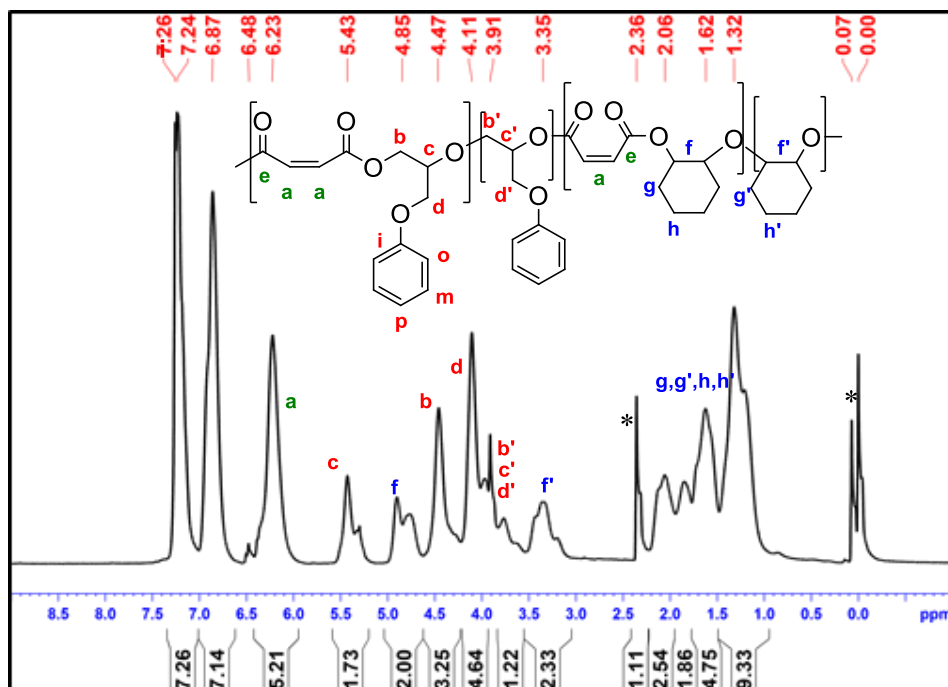


Figure S9. ^1H NMR spectrum of poly(PGE-CHO-MA) from ROCOP of PGE, CHO & MA with cat-1 Table 4, entry 4

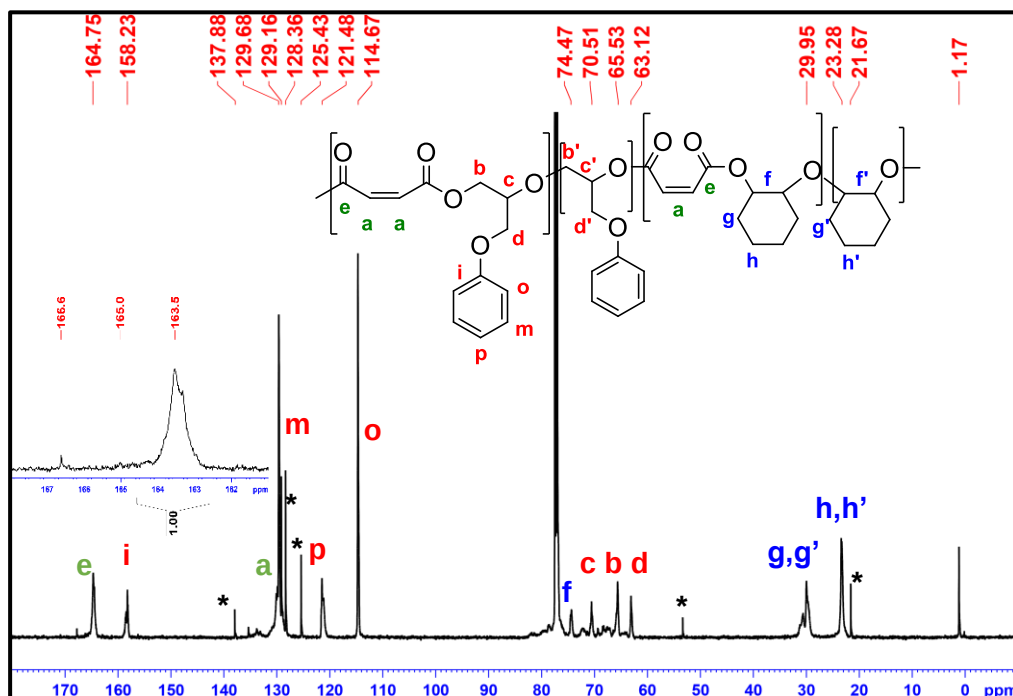


Figure S10. ^{13}C NMR spectrum of poly(PGE-CHO-MA) from ROCOP of PGE, CHO&MA with cat-1

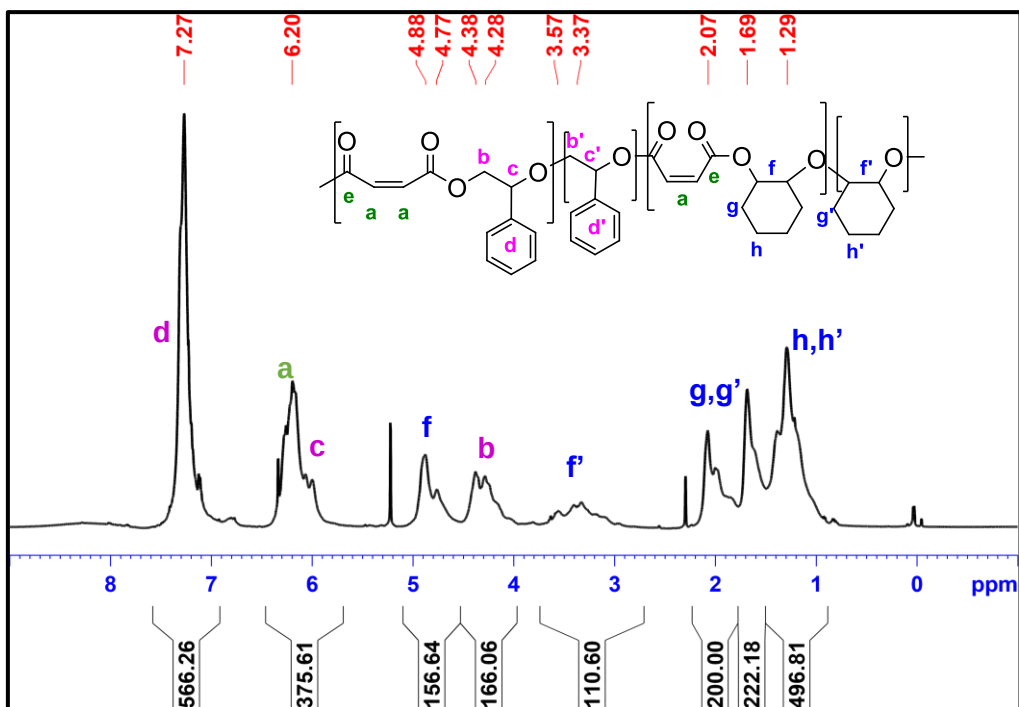


Figure S11. ¹H NMR spectrum of poly(SO-CHO-MA) from ROCOP of CHO, SO & MA with catalyst **1** (Table 4, entry 5)

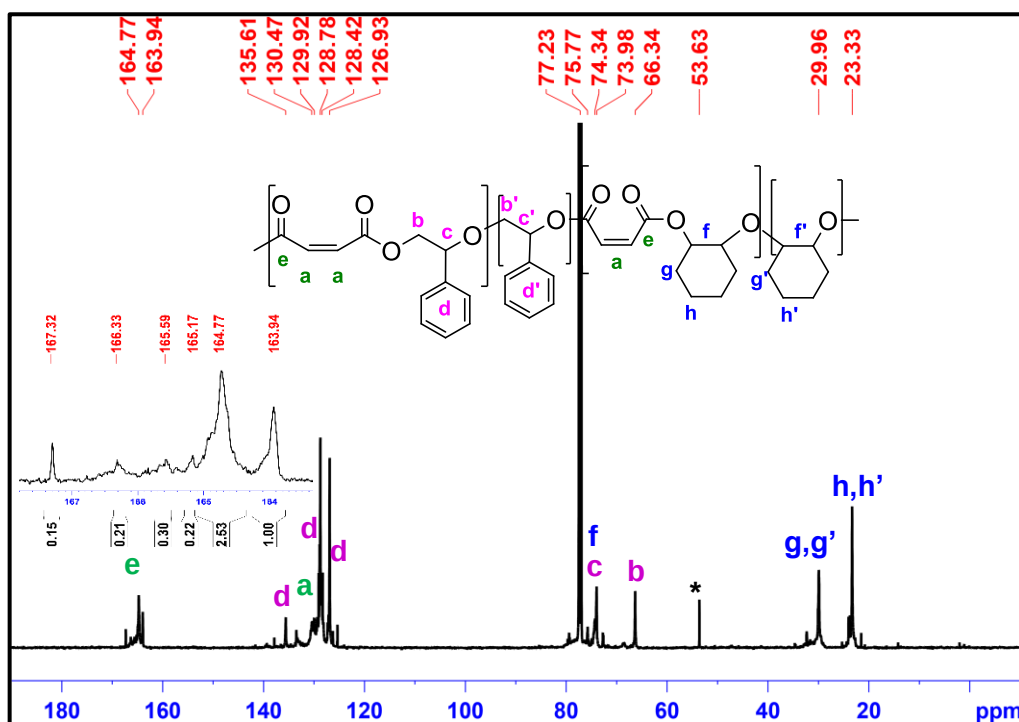


Figure S12. ¹³C NMR spectrum of poly(SO-CHO-MA) from ROCOP of CHO, SO & MA with catalyst **1**

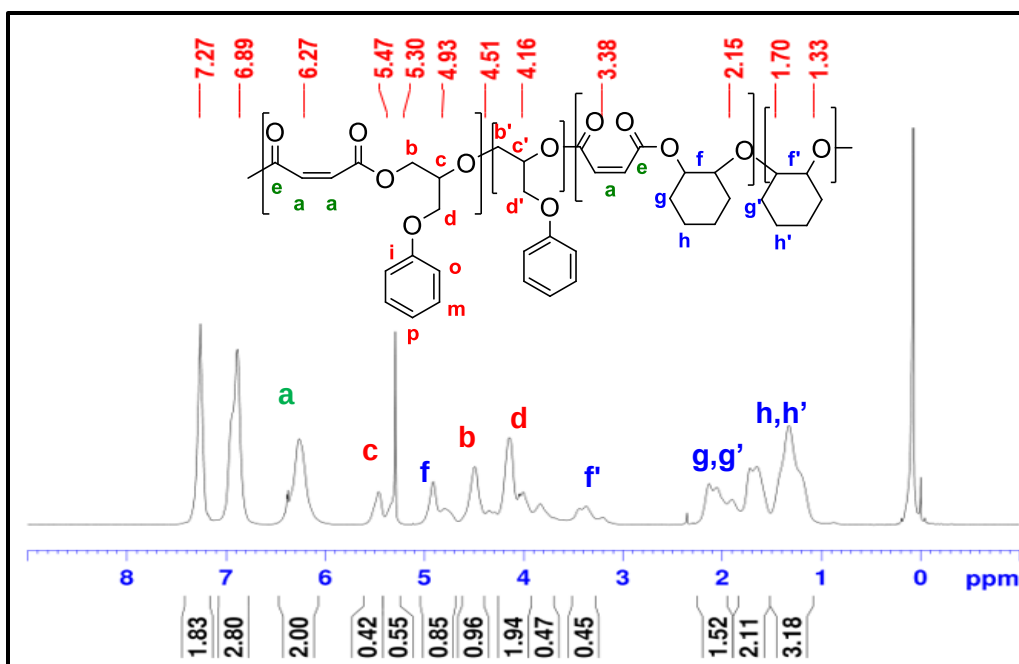


Figure S13. ^1H NMR spectrum of poly(CHO-PGE-MA) from ROCOP of CHO, PGE & MA (Two step addition, Table 4, entry 1)

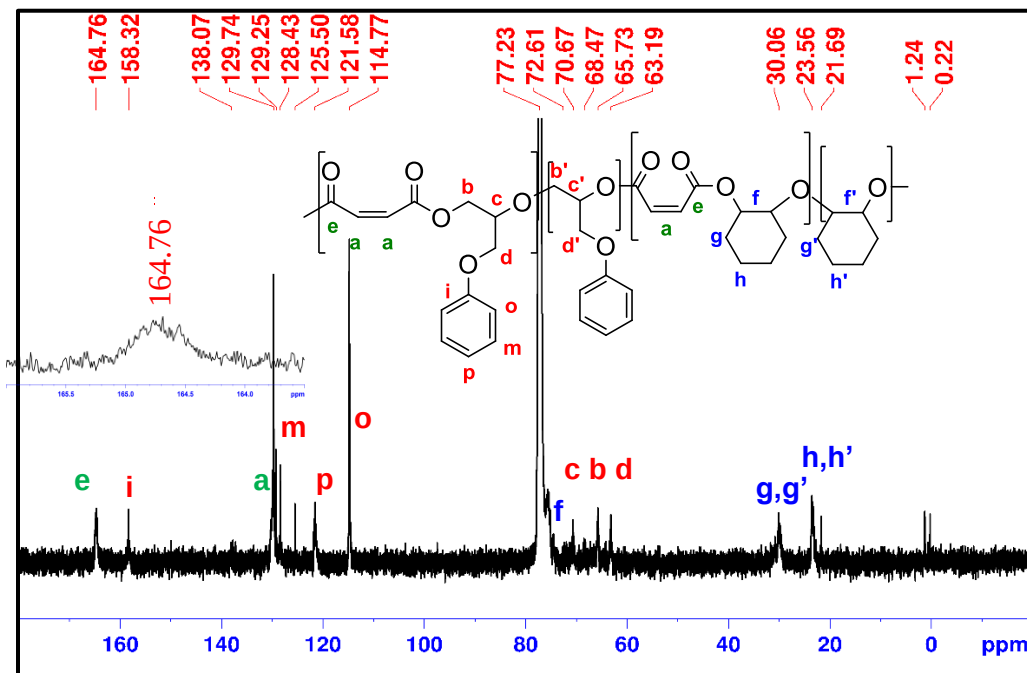


Figure S14. ^{13}C NMR spectrum of poly(CHO-PGE-MA) from ROCOP of CHO, PGE & MA (Two step addition)

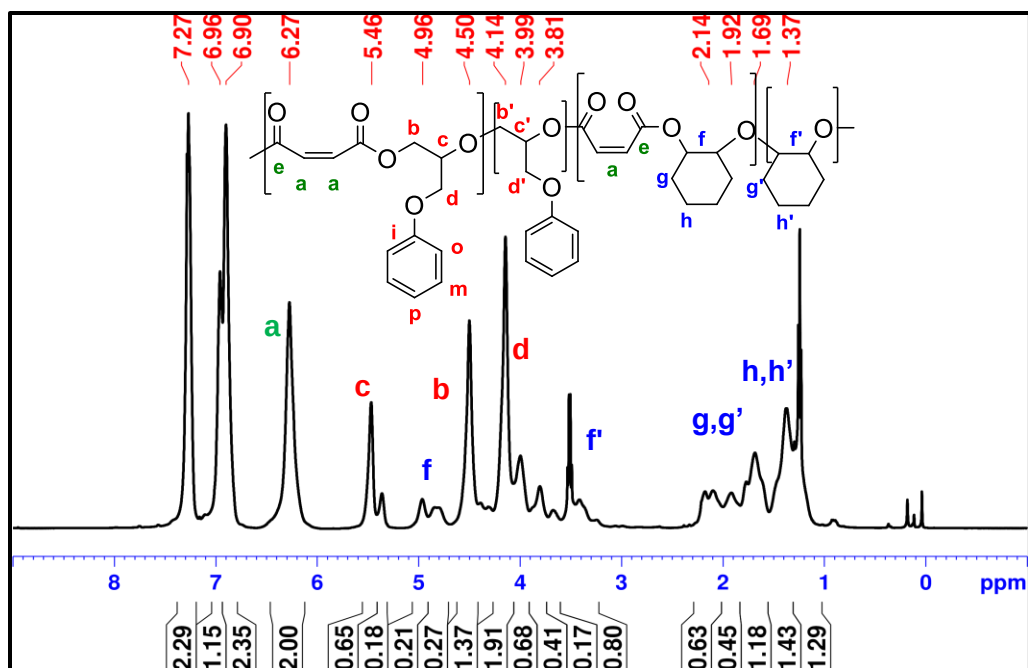


Figure S15. ^1H NMR spectrum of poly(PGE-CHO-MA) from ROCOP of PGE, CHO & MA (Two step addition, Table 4, entry 2)

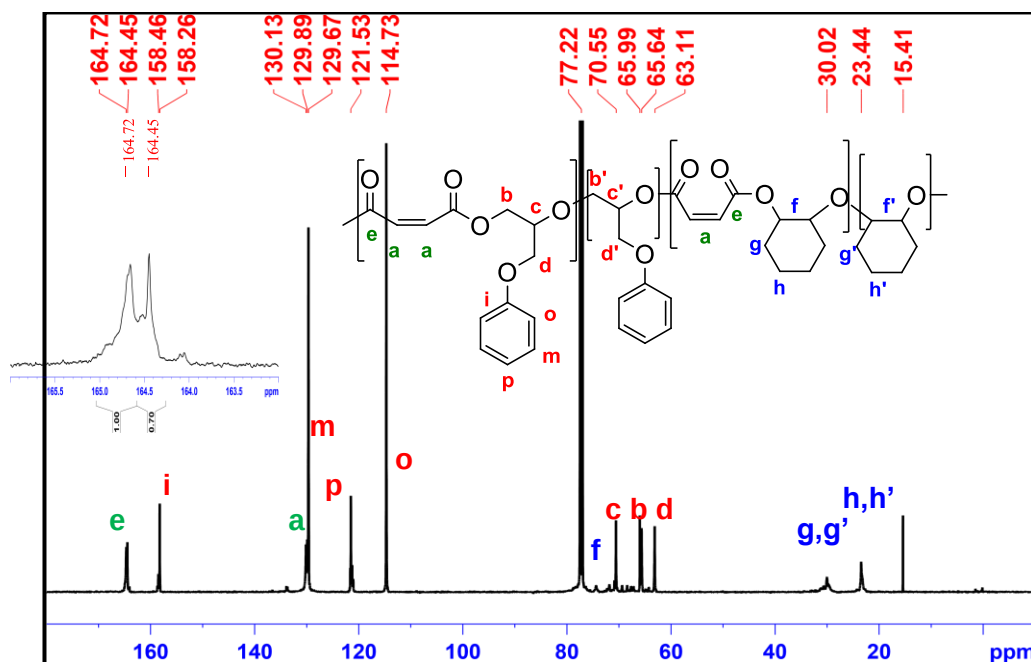


Figure S16. ^{13}C NMR spectrum of poly(PGE-CHO-MA) from ROCOP of PGE, CHO & MA (Two step addition, Table 4, entry 2)

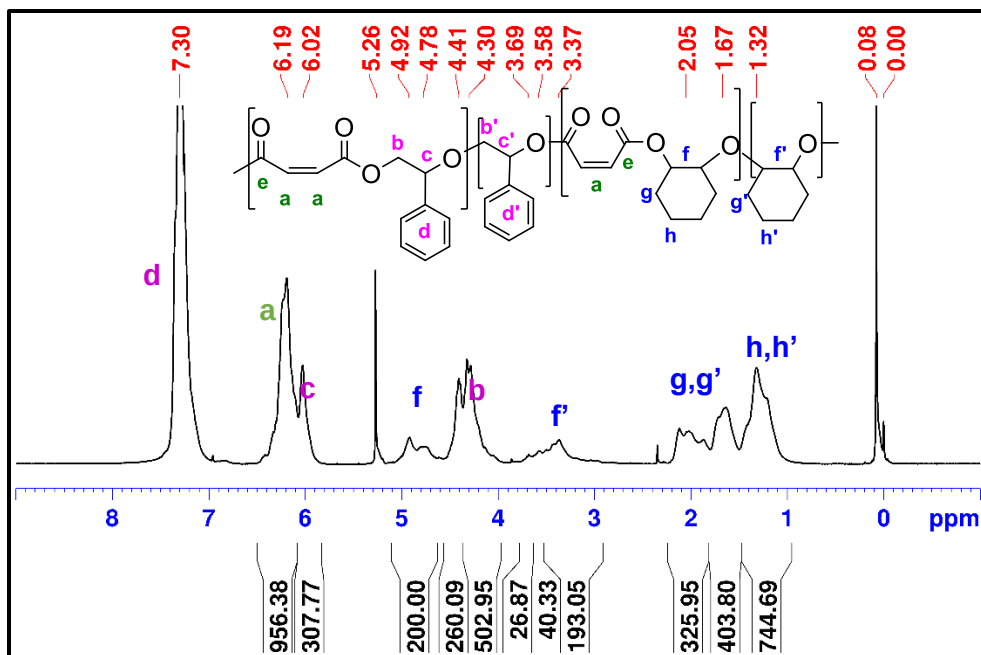


Figure S17. ¹H NMR spectrum of poly(SO-CHO-MA) from ROCOP of CHO, SO & MA with catalyst **1** (Two step reaction Table 4, entry 3)

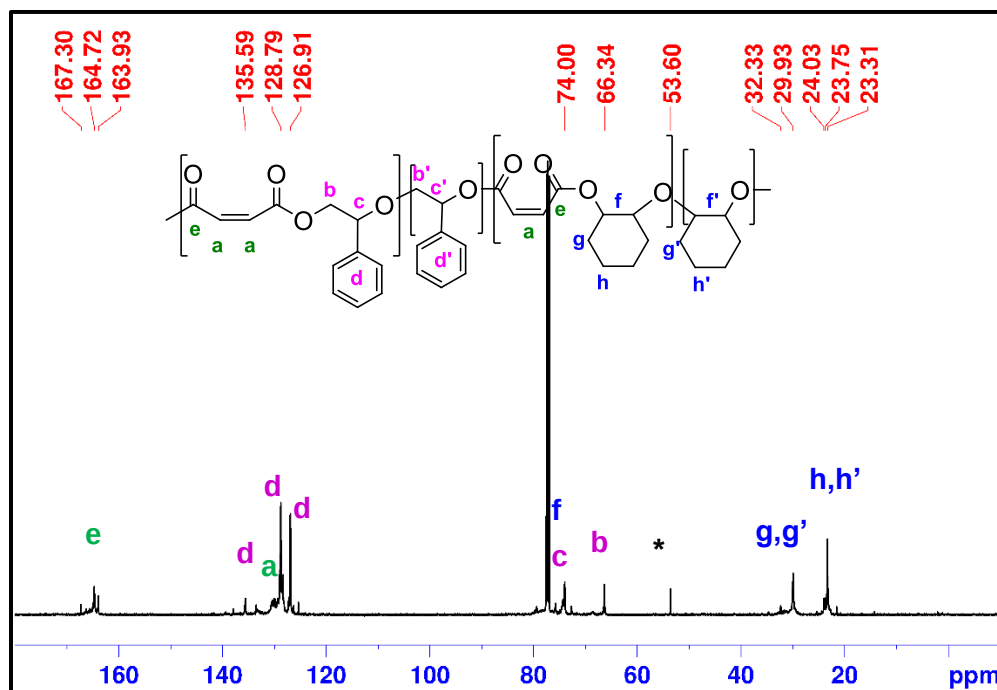


Figure S18. ¹³C NMR spectrum of poly(SO-CHO-MA) from ROCOP of CHO, SO & MA with catalyst **1** (Two step reaction Table 4, entry 3)

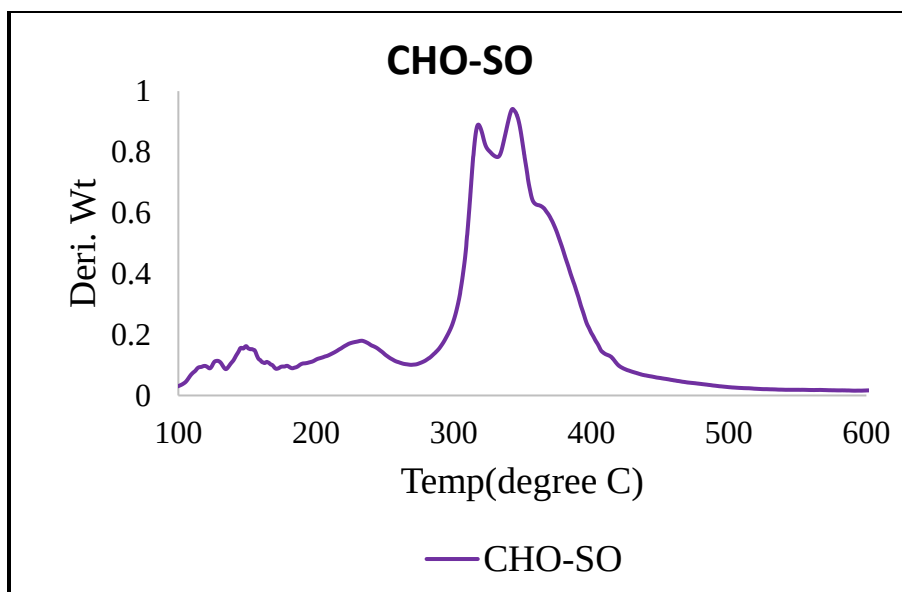


Figure S19. DTA plot of a one-step terpolymer p(CHO-SO-MA) (Table 4, entry 5)