

Supplementary Material

Synthesis of trialkyl 2-halogeno-1,1,1-ethanetricarboxylates

Juan Zinczuk* and Gustavo A. Carnavale

*Instituto de Química Rosario (CONICET-UNR). Facultad de Ciencias
Bioquímicas y Farmacéuticas Universidad Nacional de Rosario. Suipacha 531- 2000 Rosario -
Argentina*

E-mail: jzinczuk@fbioyf.unr.edu.ar

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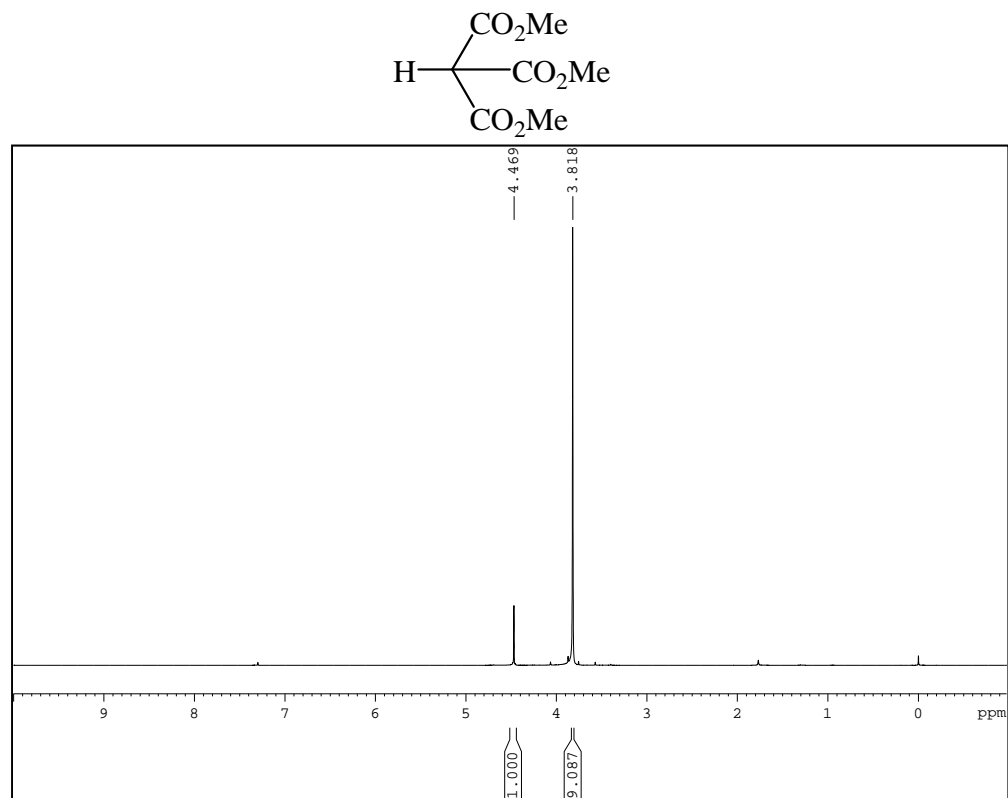


Figure S1. ¹H NMR spectrum.

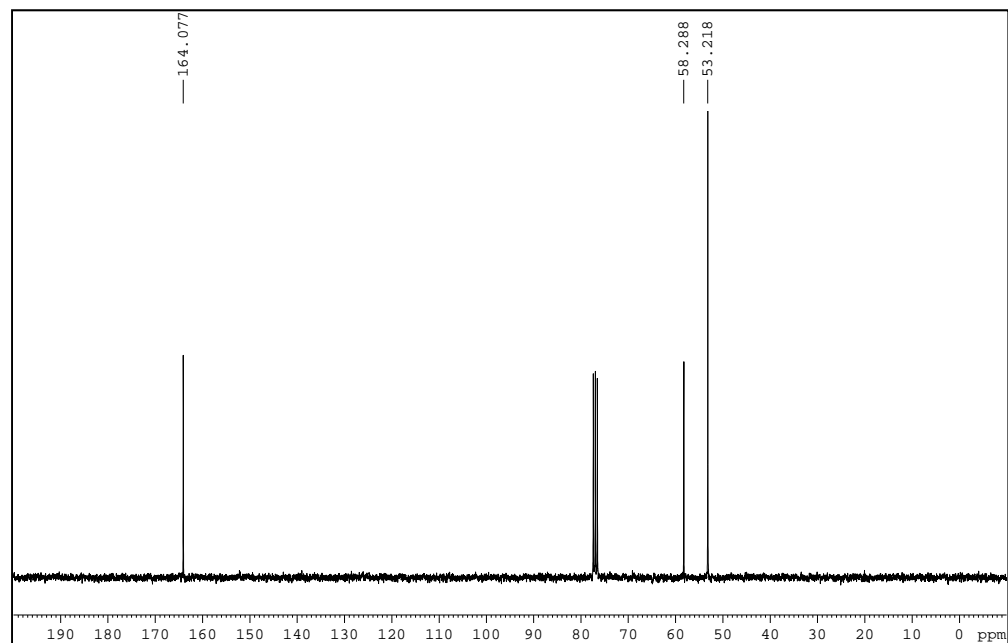


Figure S2. ¹³C NMR spectrum.

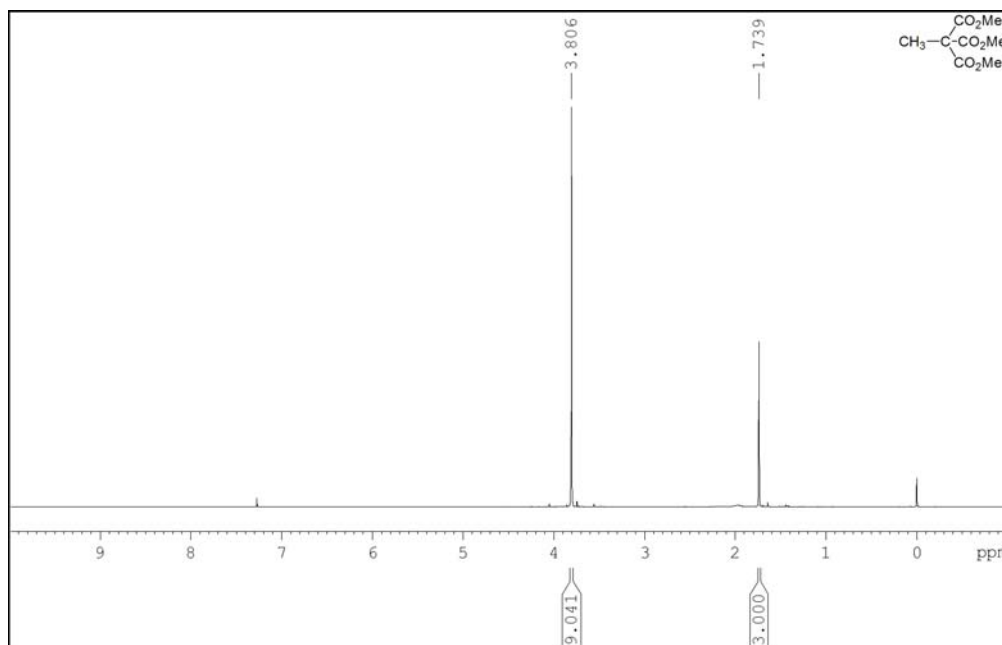
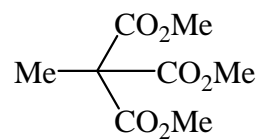


Figure S3. ¹H NMR spectrum.

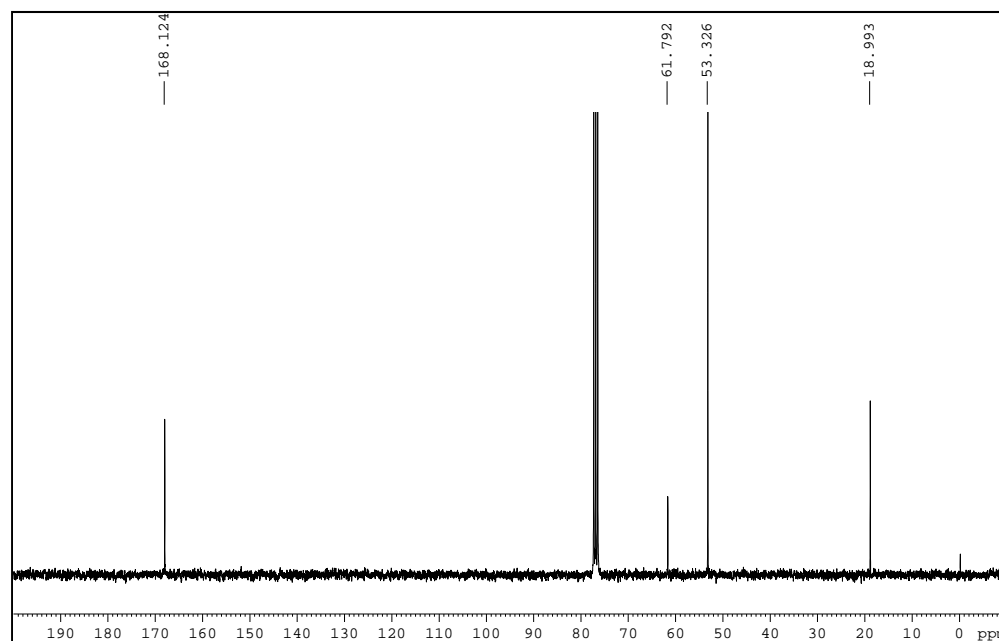


Figure S4. ¹³C NMR spectrum.

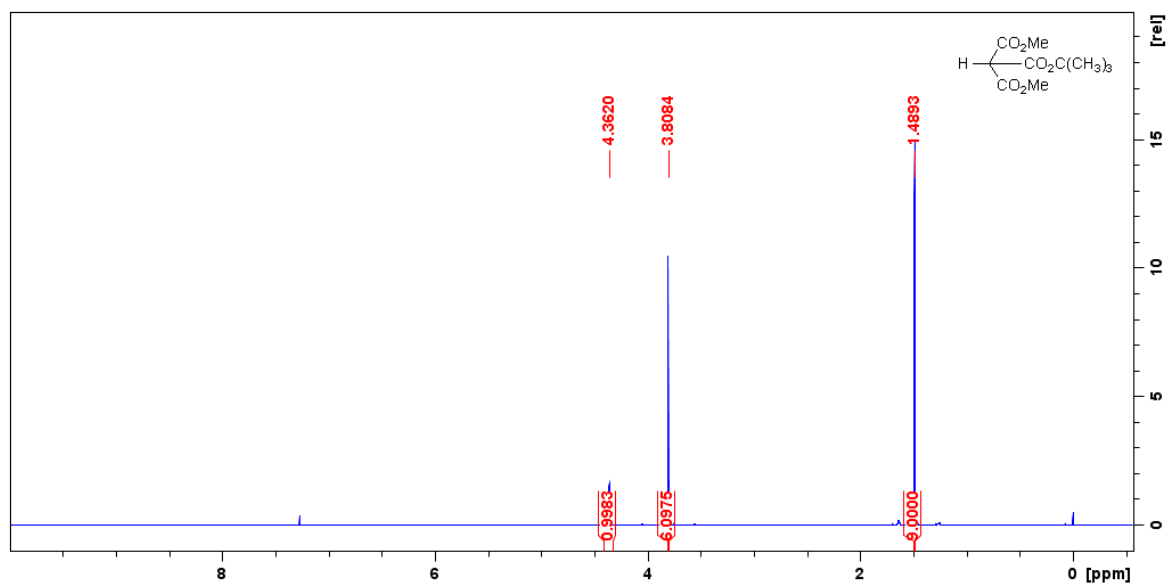
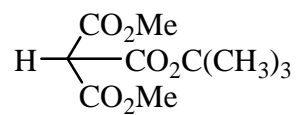


Figure S5. ^1H NMR spectrum.

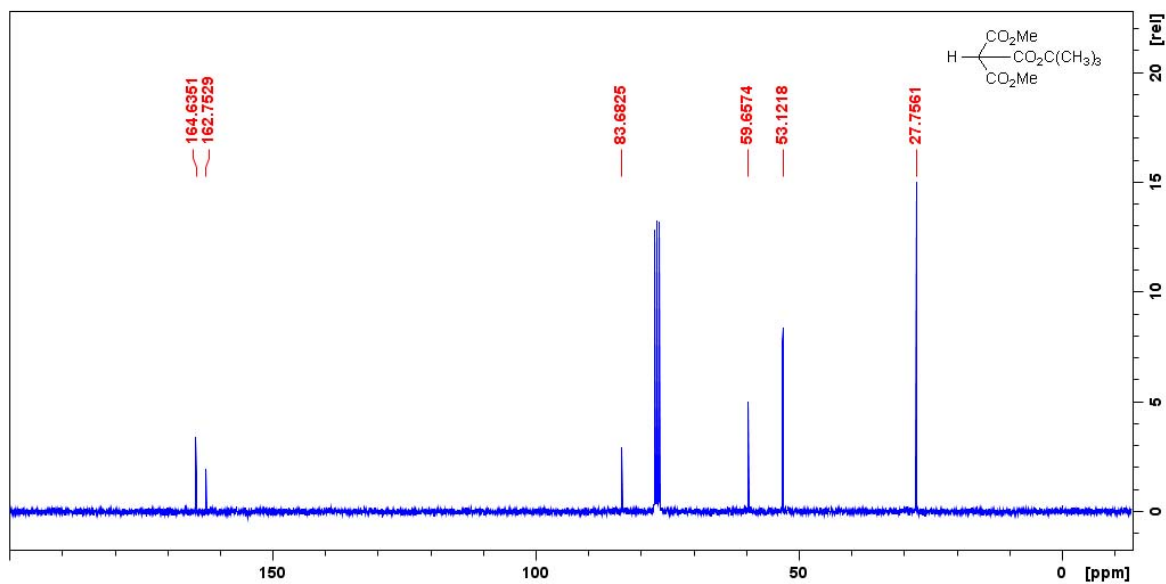


Figure S6. ^{13}C NMR spectrum.

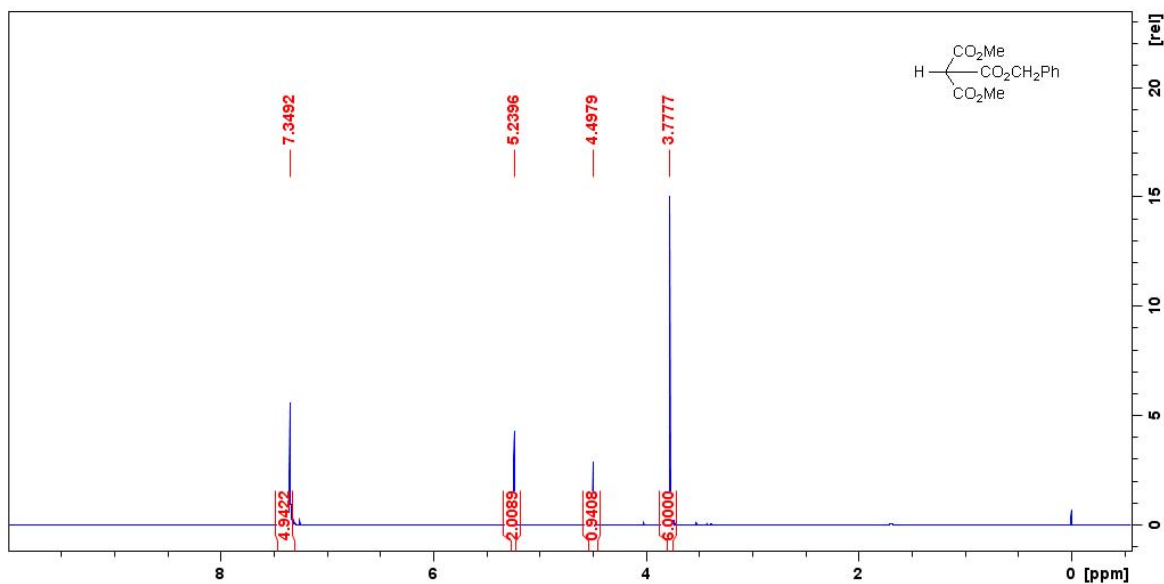
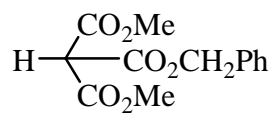


Figure S7. ^1H NMR spectrum.

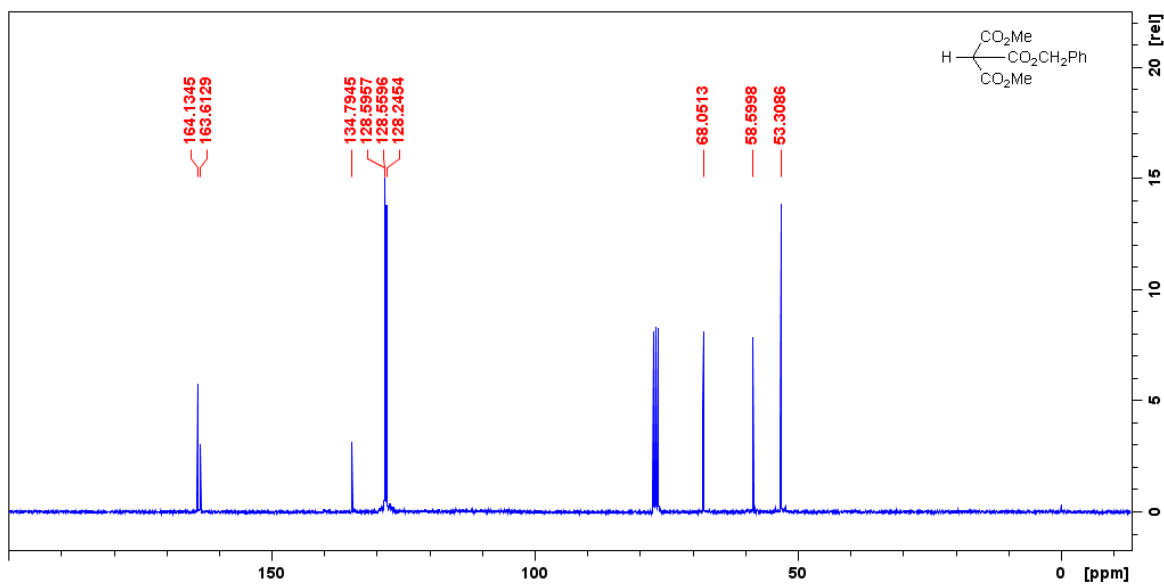


Figure S8. ^{13}C NMR spectrum.

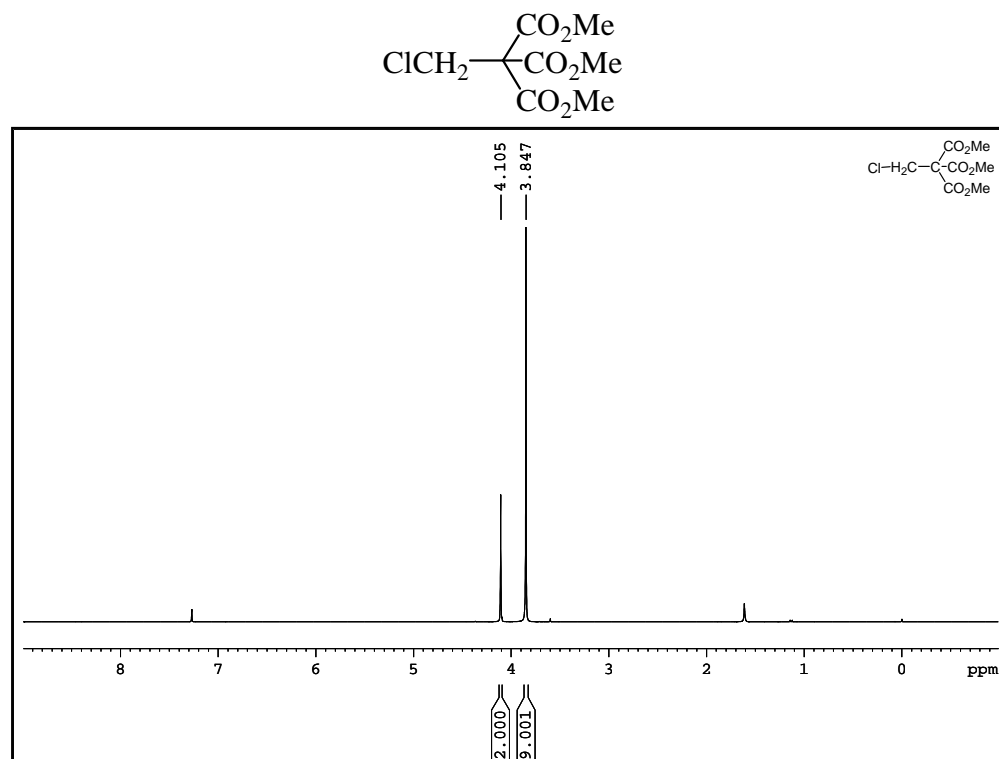


Figure S9. ^1H NMR spectrum.

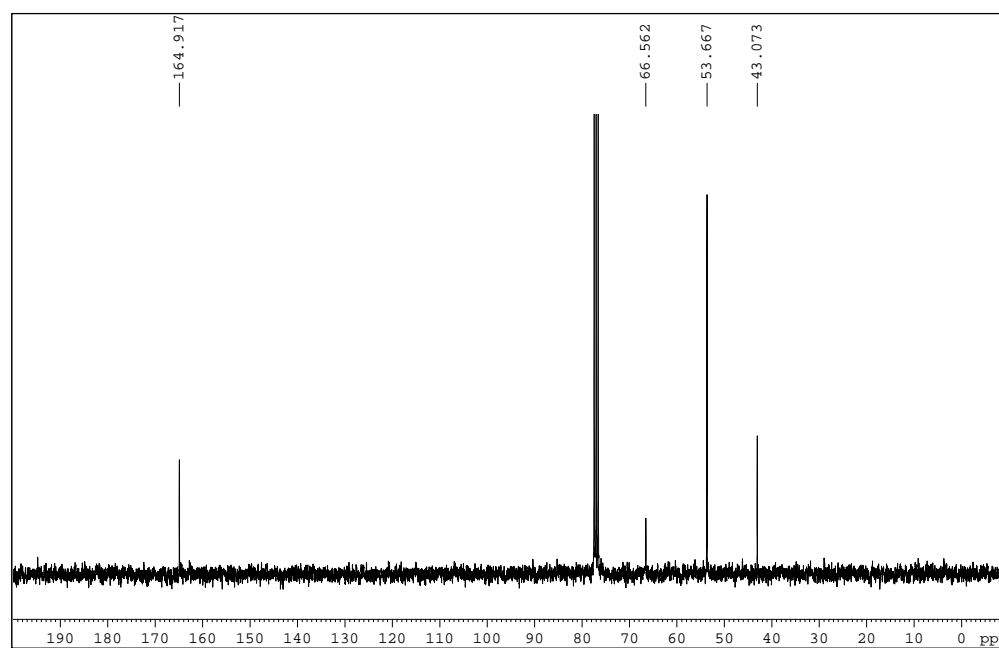


Figure S10. ^{13}C NMR spectrum.

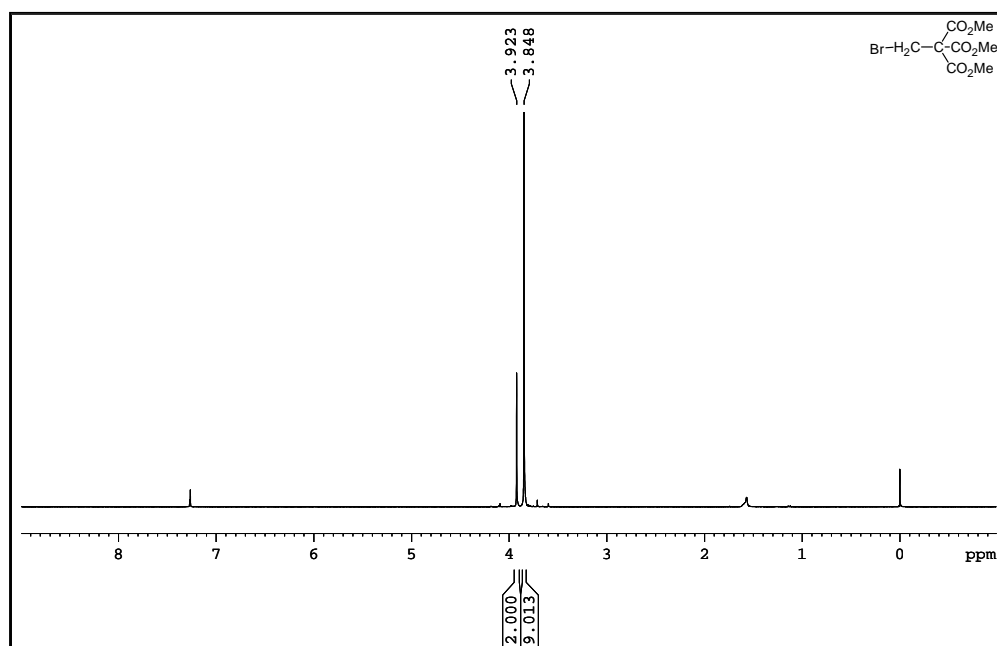
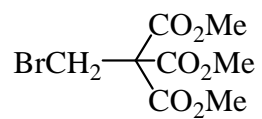


Figure S 11. ¹H NMR spectrum.

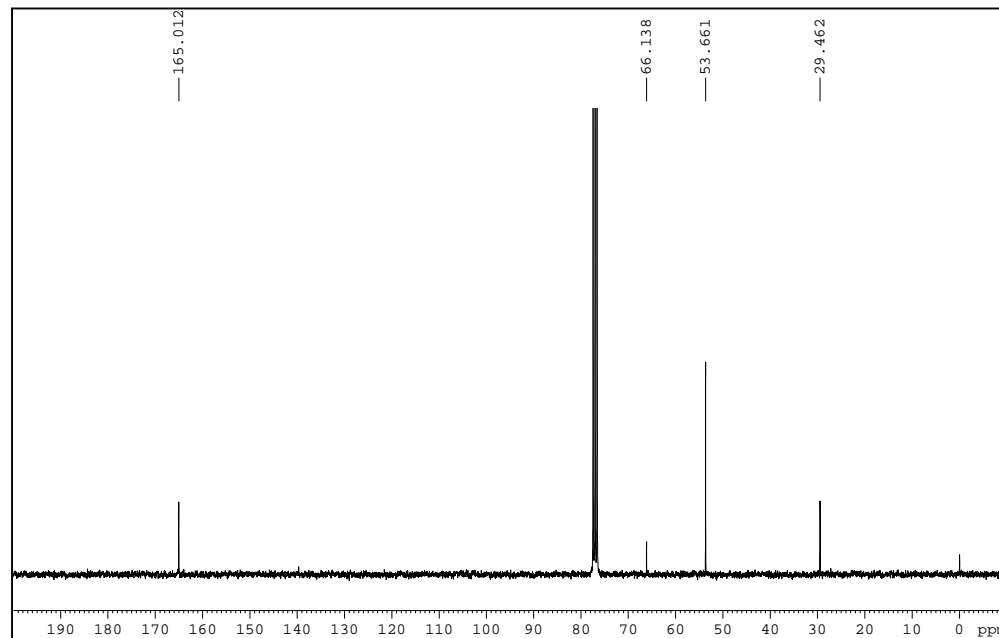


Figure S12. ¹³C NMR spectrum.

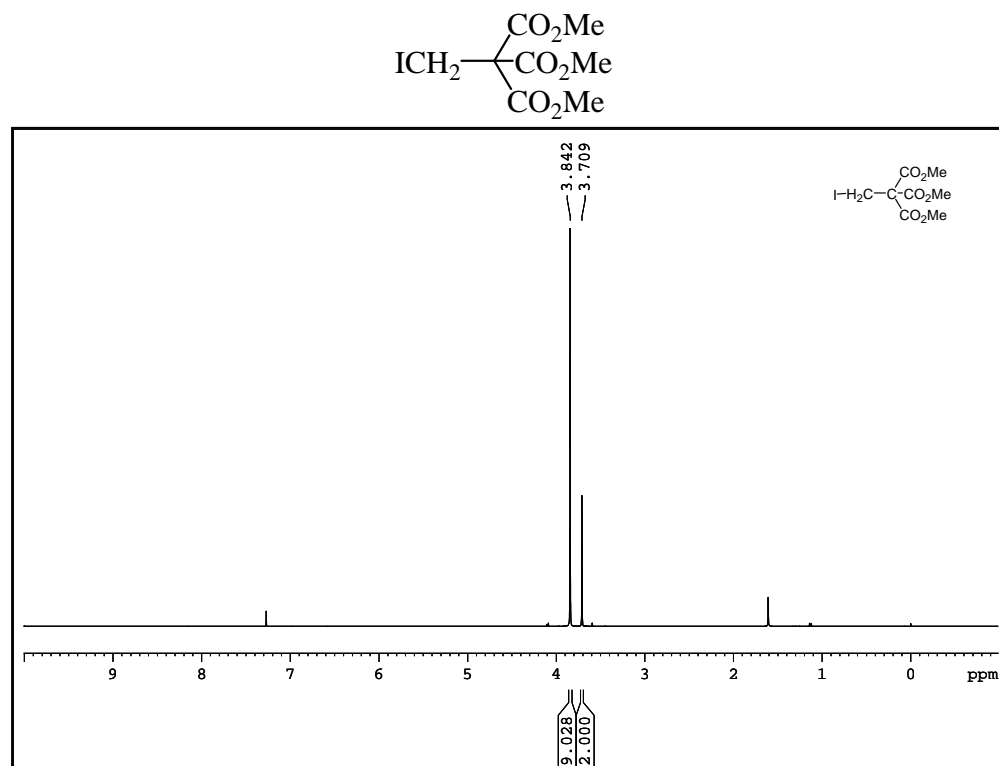


Figure S13. ^1H NMR spectrum.

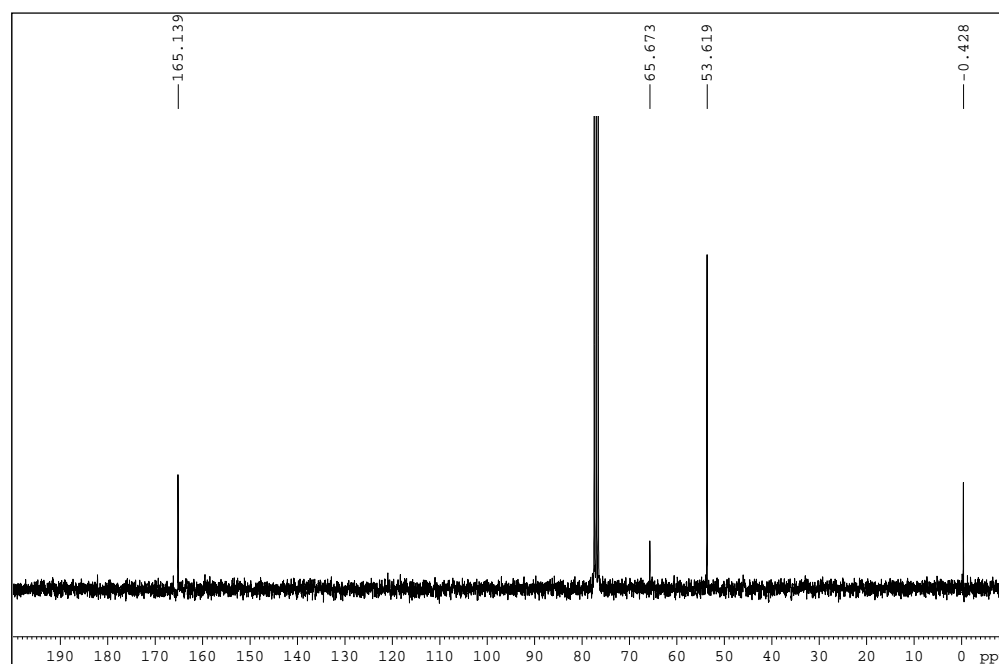


Figure S14. ^{13}C NMR spectrum.

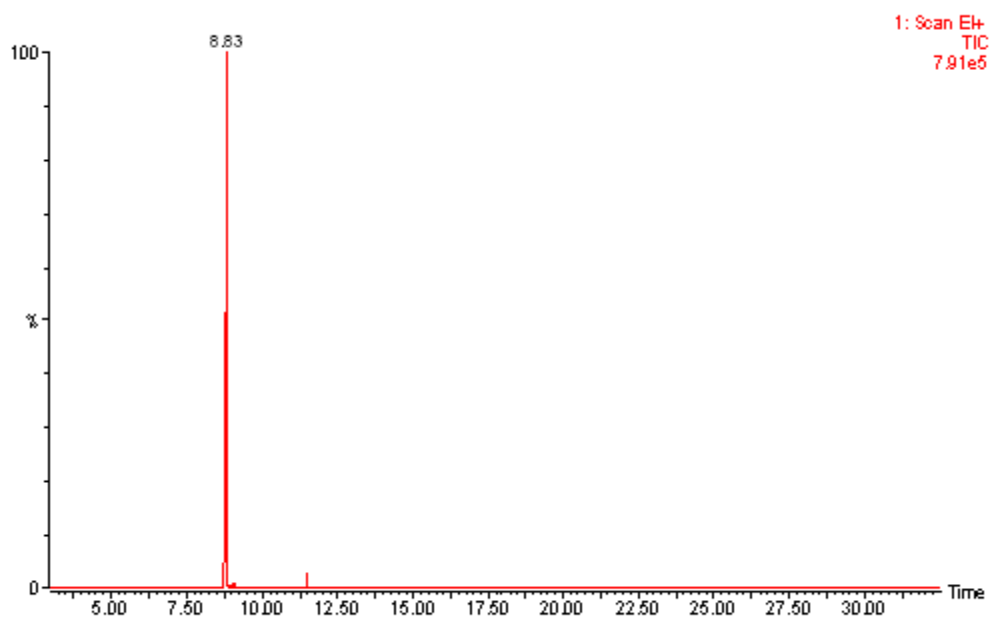
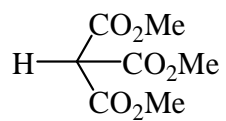


Figure S15. GC chromatogram.

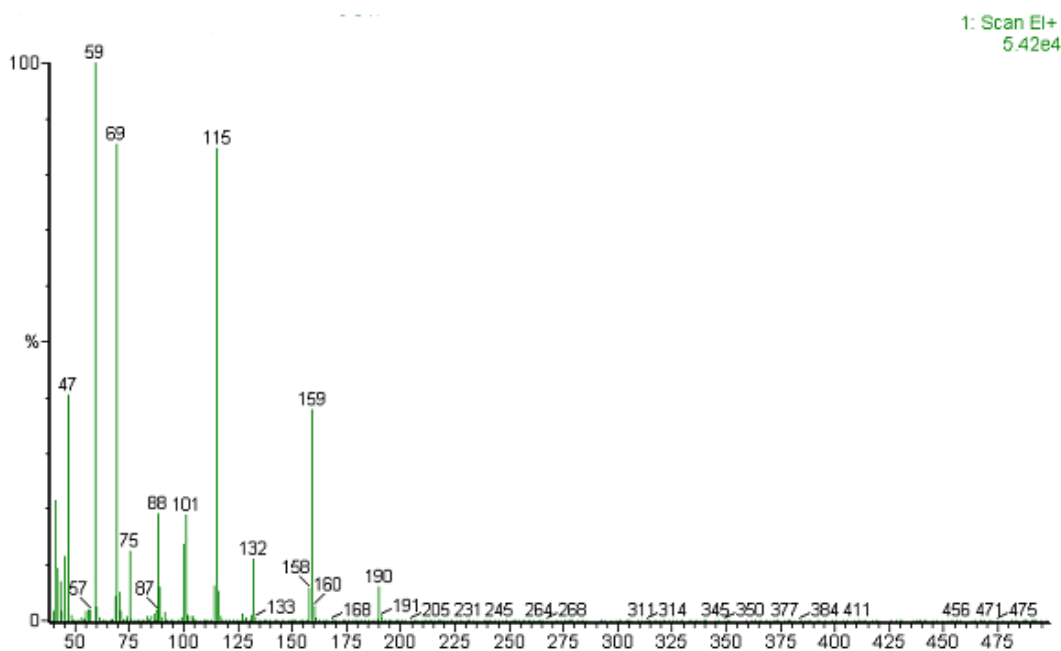


Figure S16. Mass spectrum rt 8.83 min.

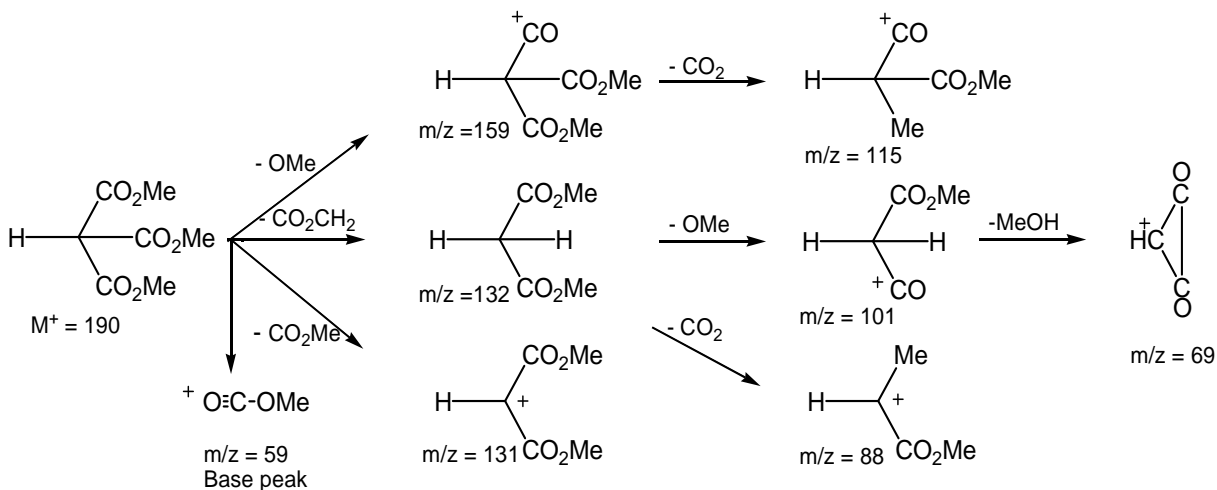


Figure S17. Proposed fragmentation pathway.

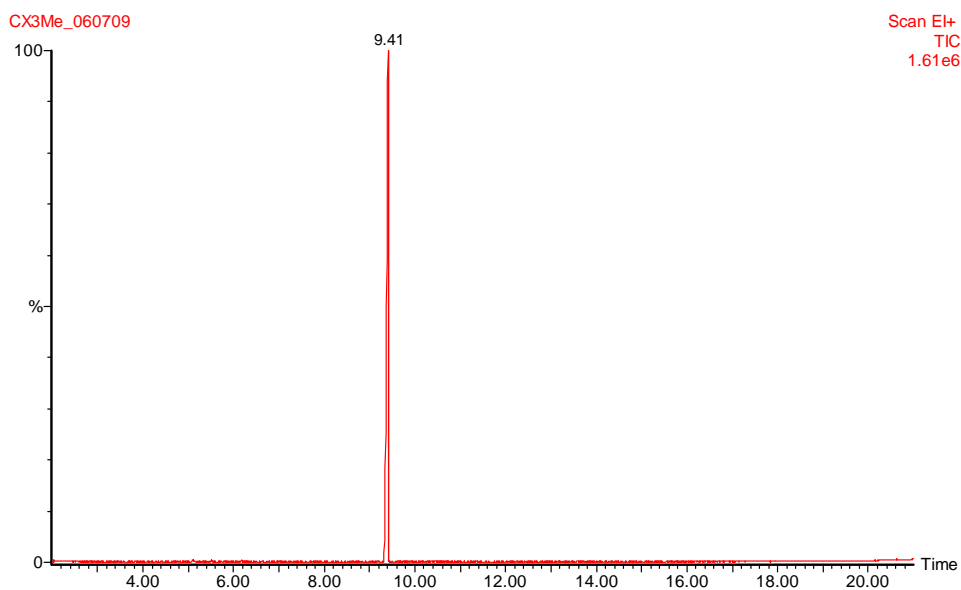
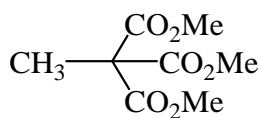


Figure S18. GC chromatogram.

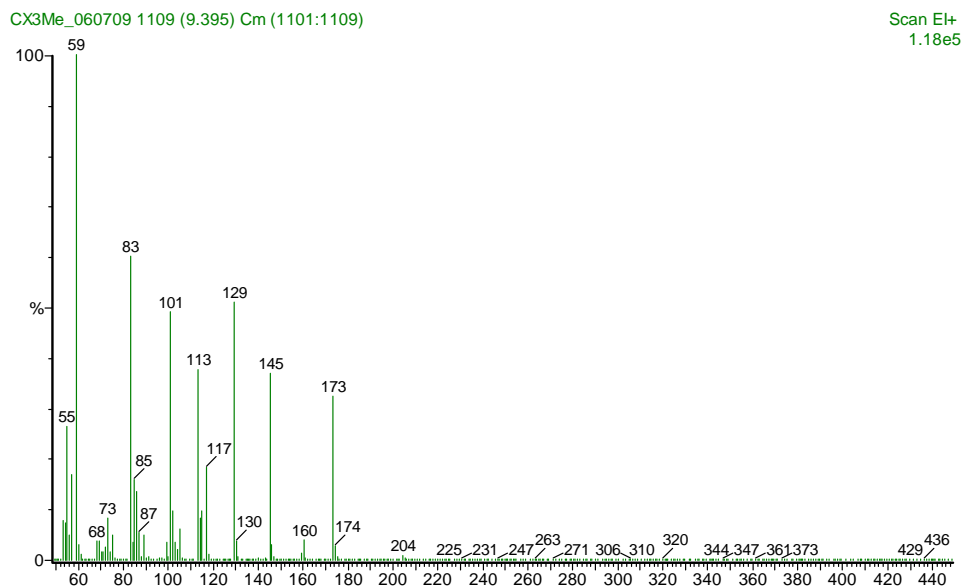


Figure S19. Mass spectrum rt 9.41 min.

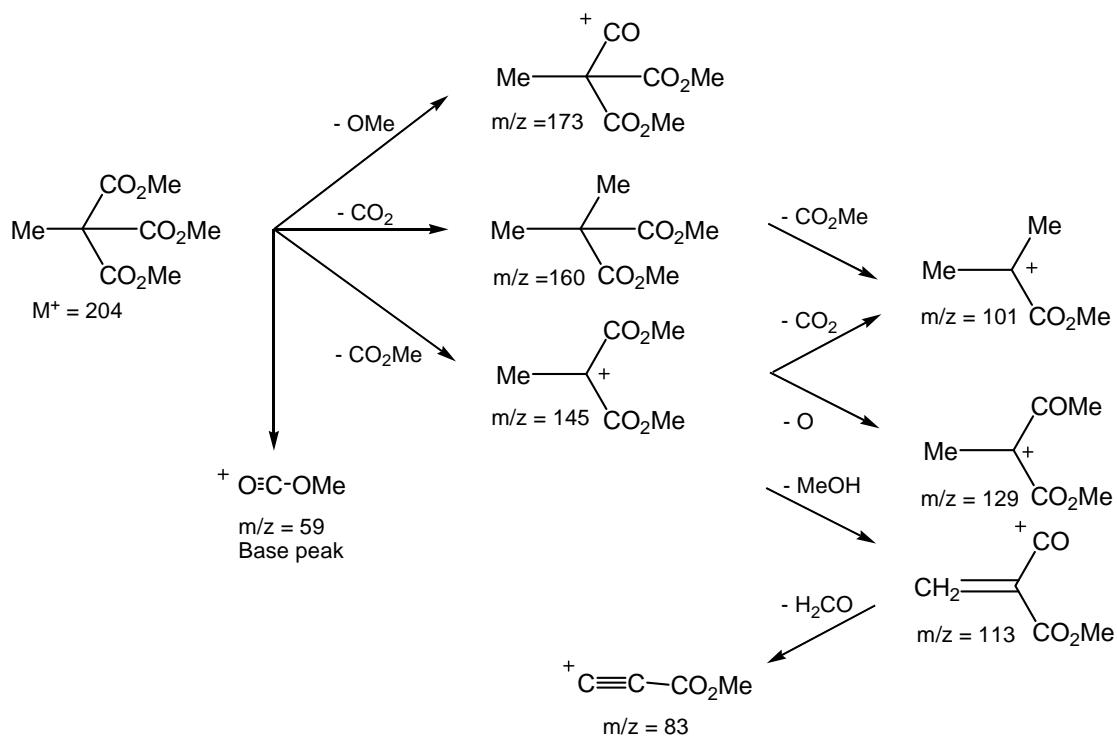


Figure S20. Proposed fragmentation pathway.

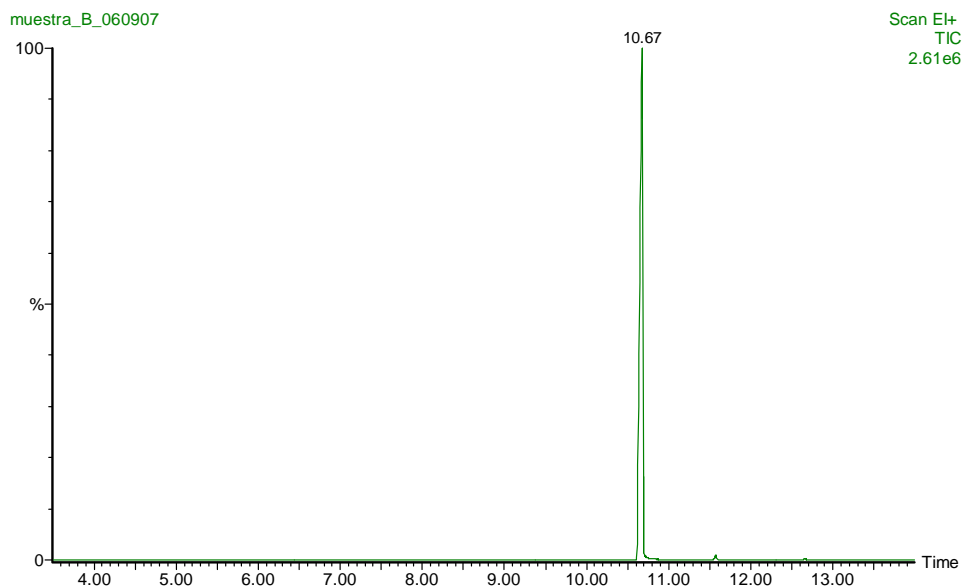
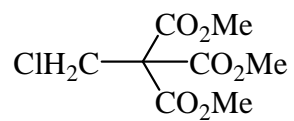


Figure S21. GC chromatogram.

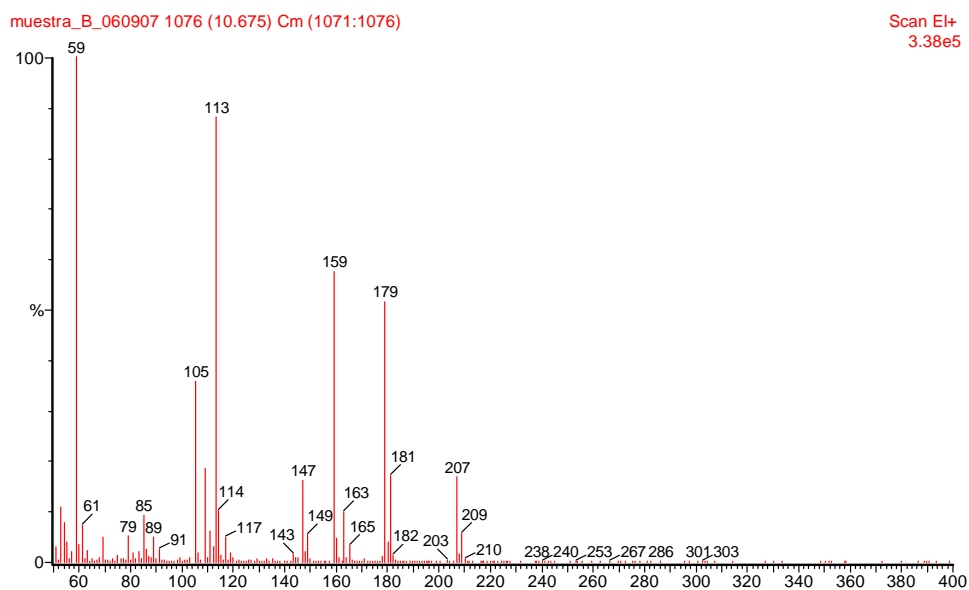


Figure S22. Mass spectrum rt 10.67 min.

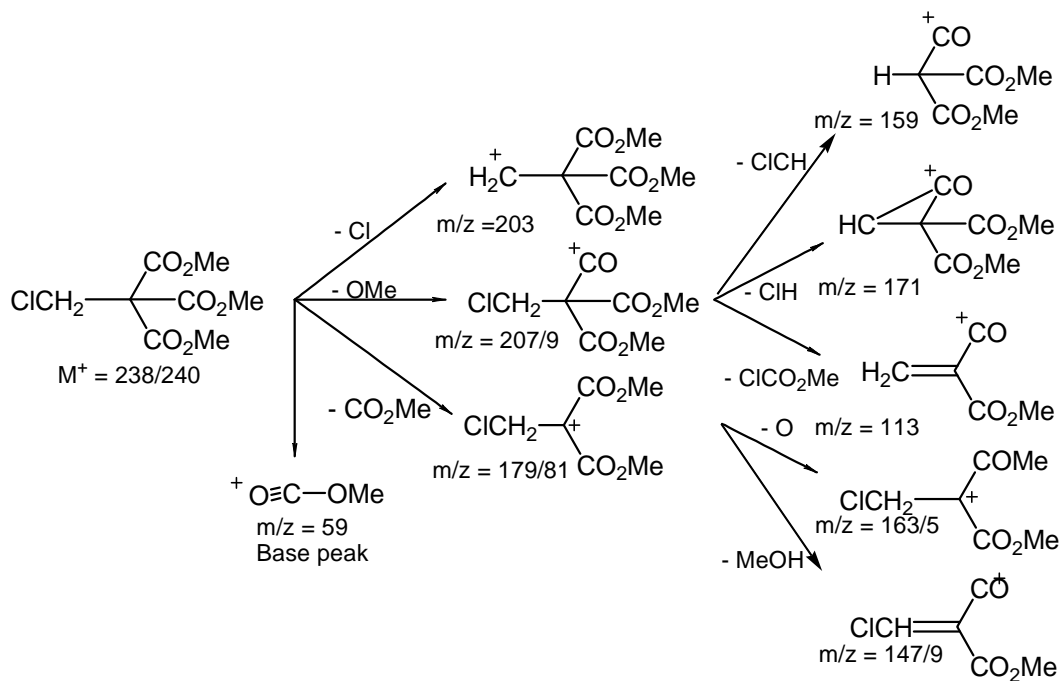


Figure S23. Proposed fragmentation pathway .

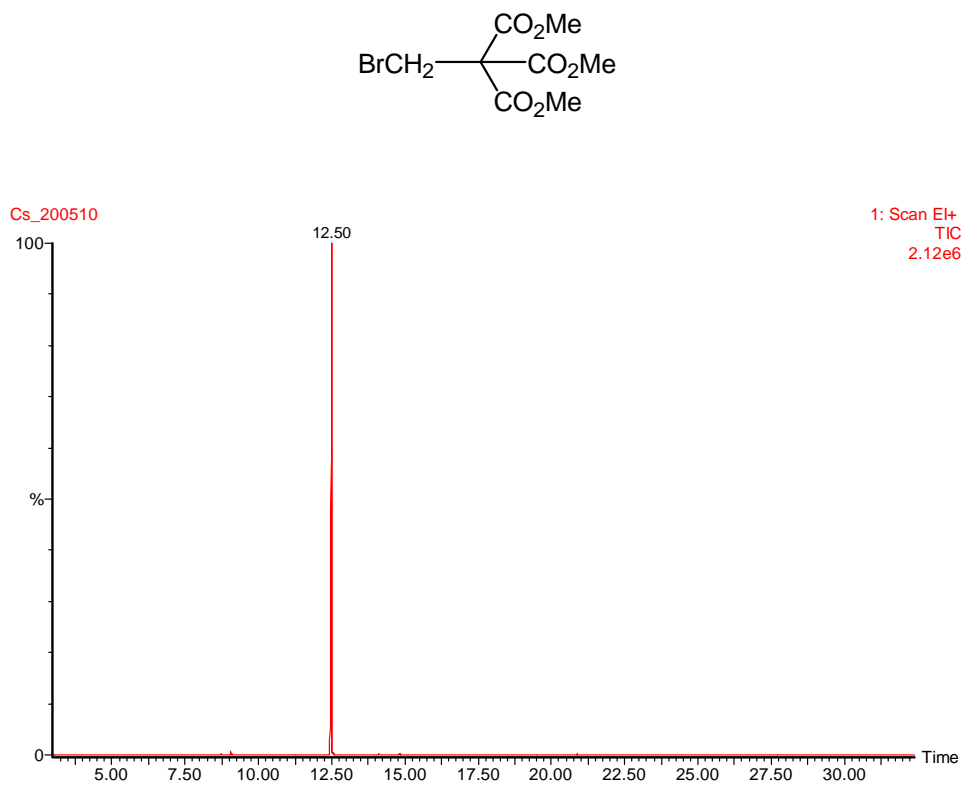


Figure S24. GC chromatogram.

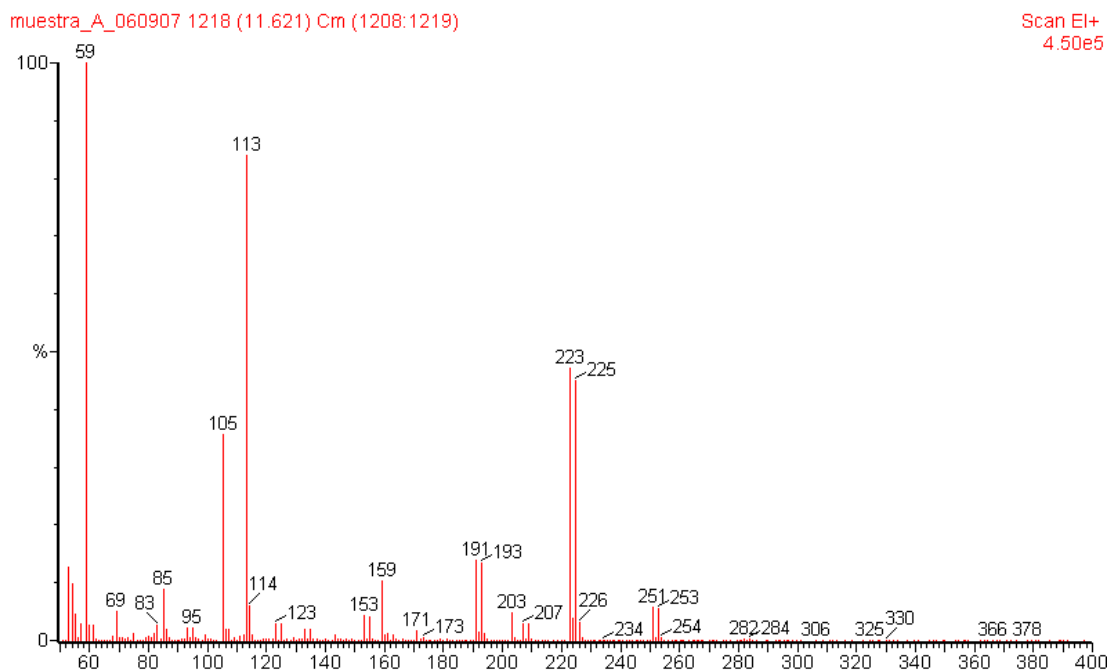


Figure S25. Mass spectrum rt 12.50 min.

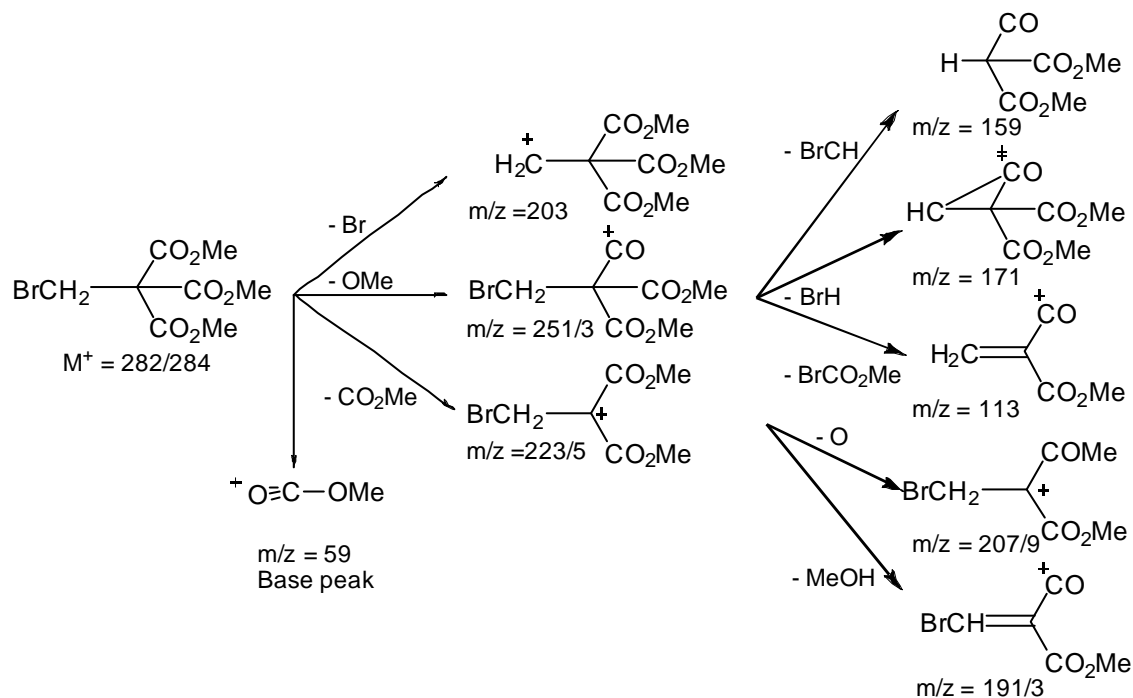


Figure S26. Proposed fragmentation pathway.

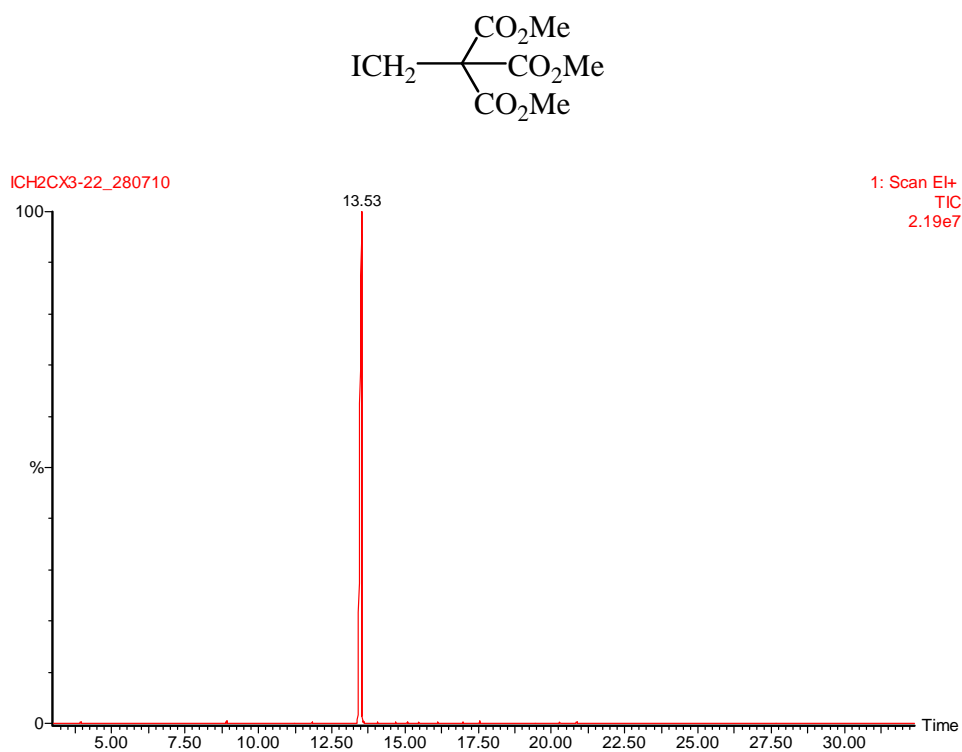


Figure S27. GC chromatogram.

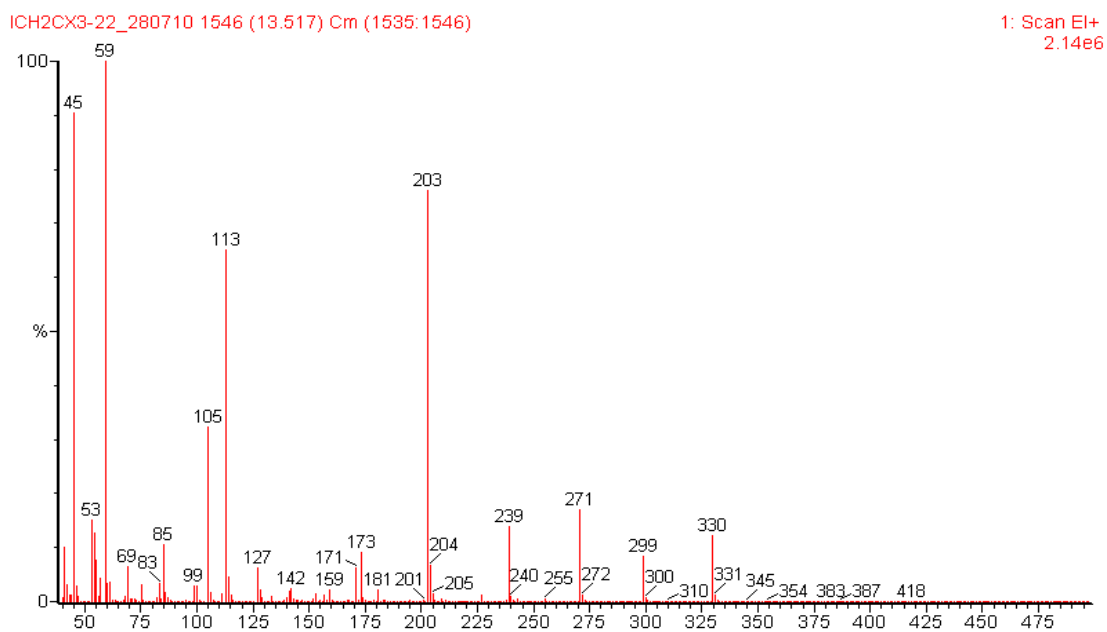


Figure S28. Mass spectrum rt 13.53 min.

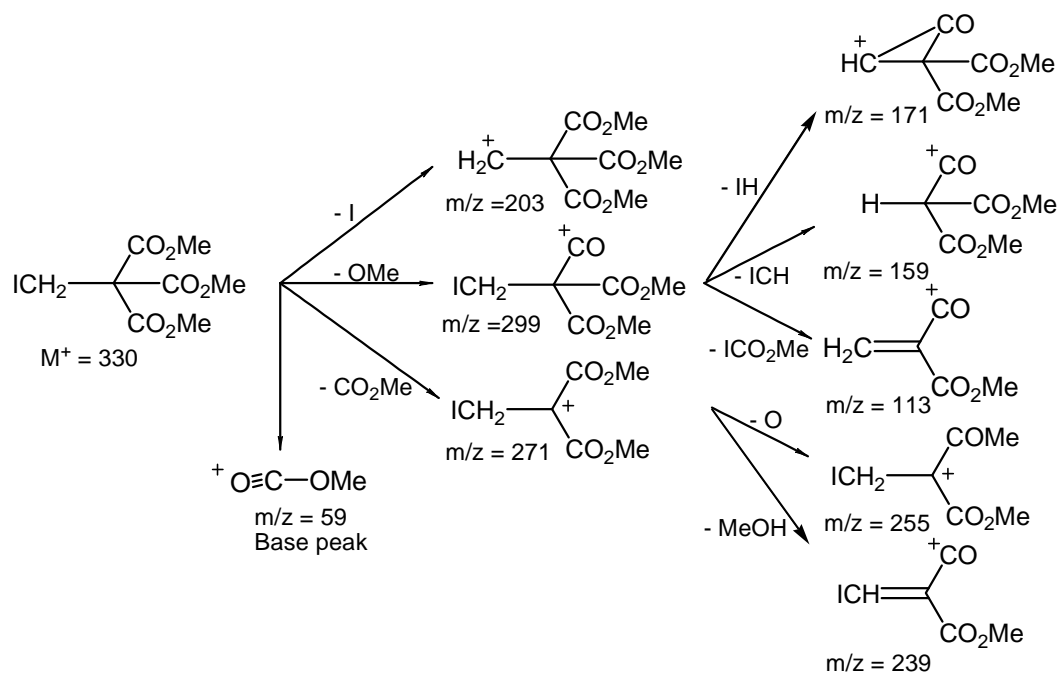


Figure S29. Proposed fragmentation pathway.

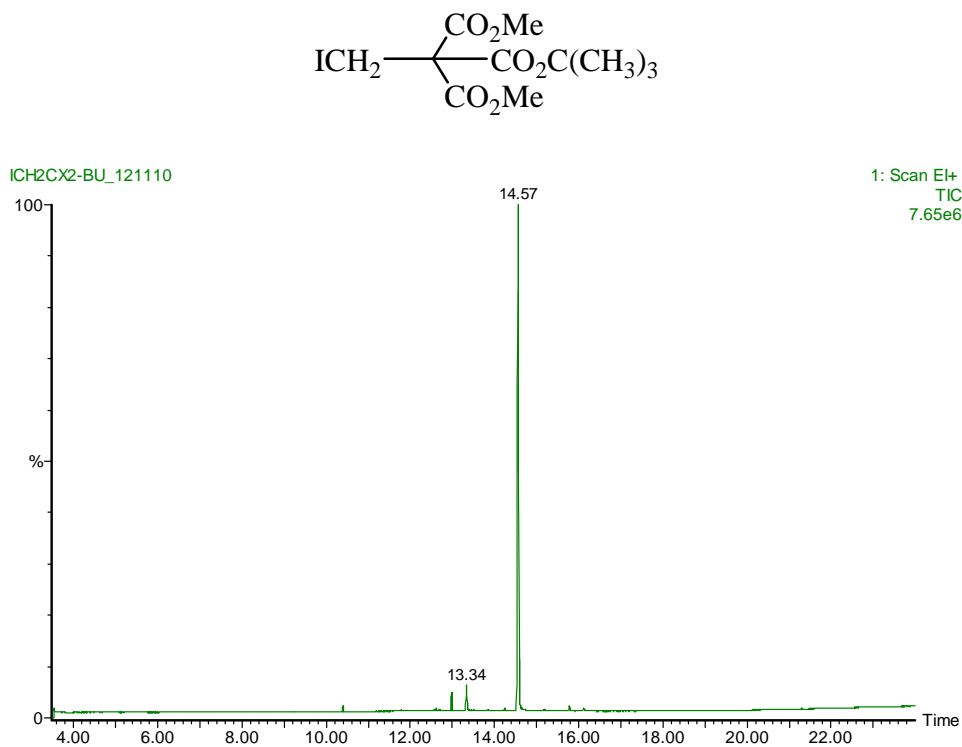


Figure S30. GC chromatogram.

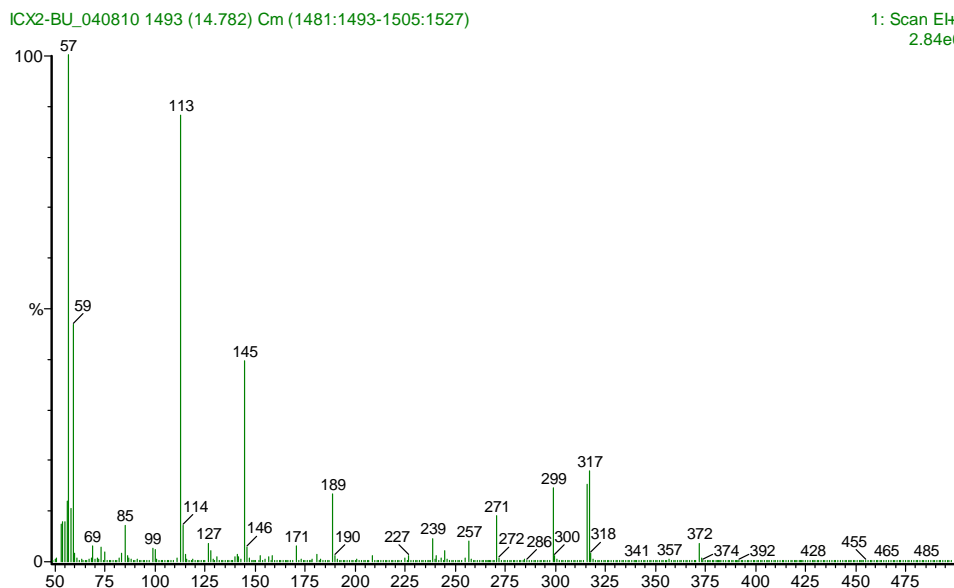


Figure S31. Mass spectrum rt 14.57 min.

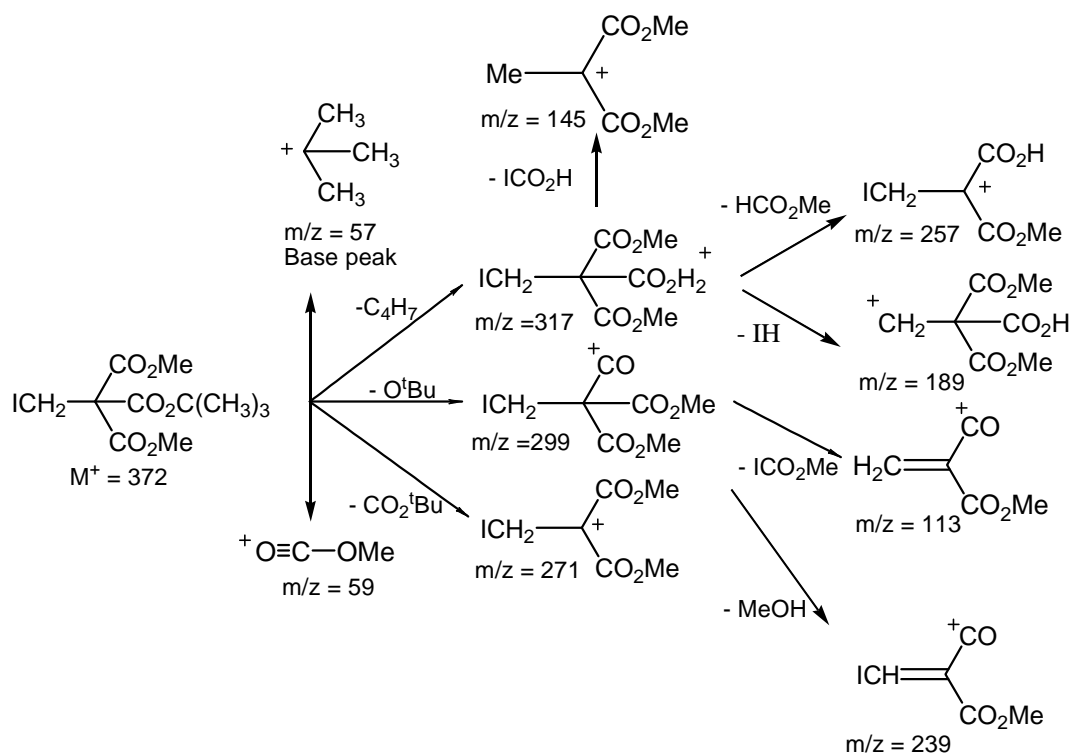


Figure S32. Proposed fragmentation pathway.

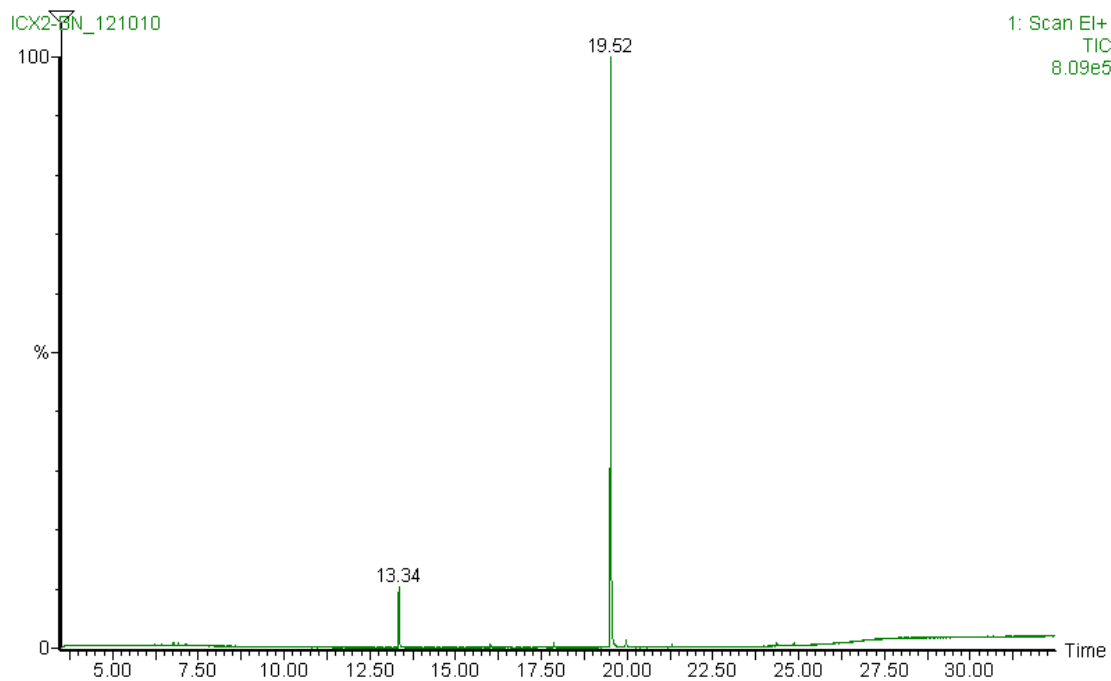
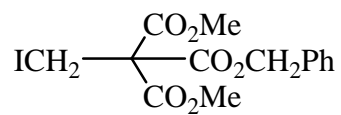


Figure S33. GC chromatogram.

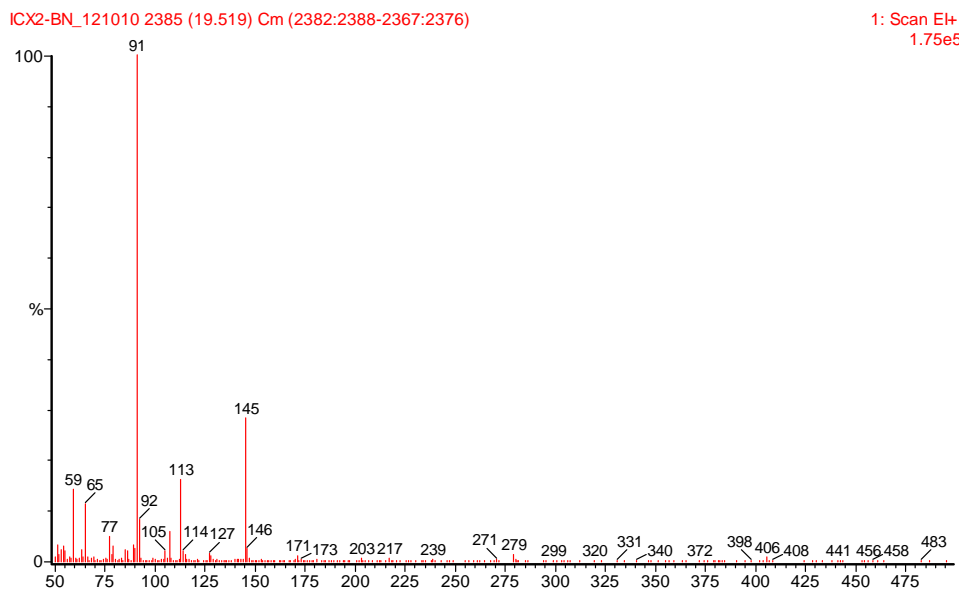


Figure S34. Mass spectrum rt 19.52 min.

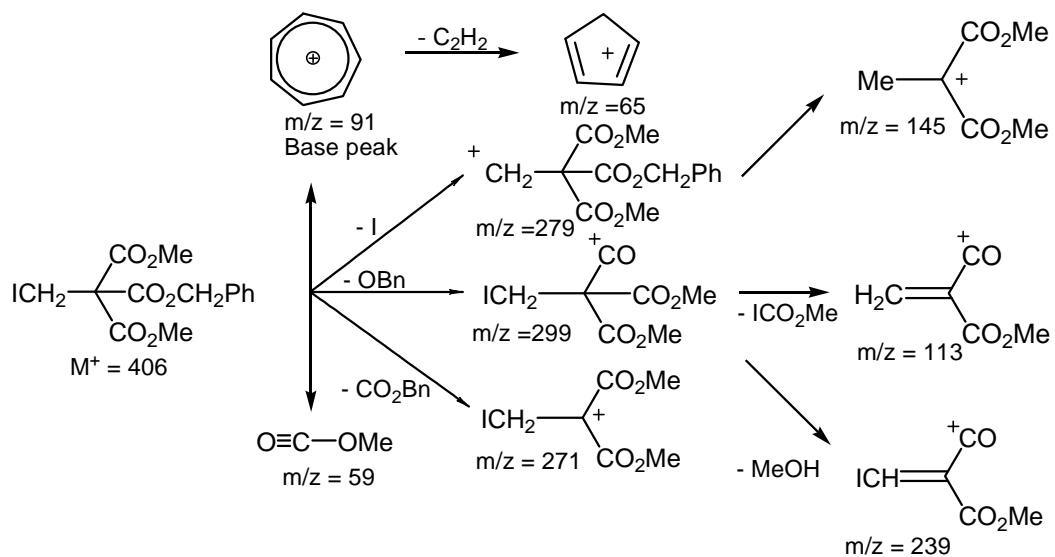


Figure S35. Proposed fragmentation pathway.

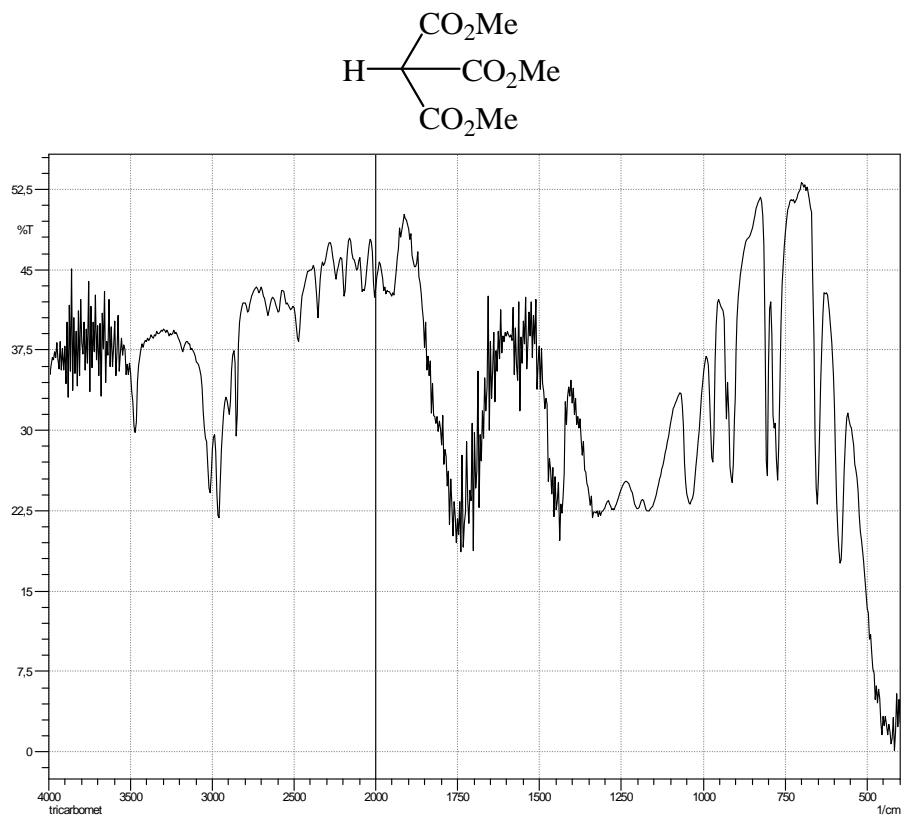


Figure S36. IR spectrum.

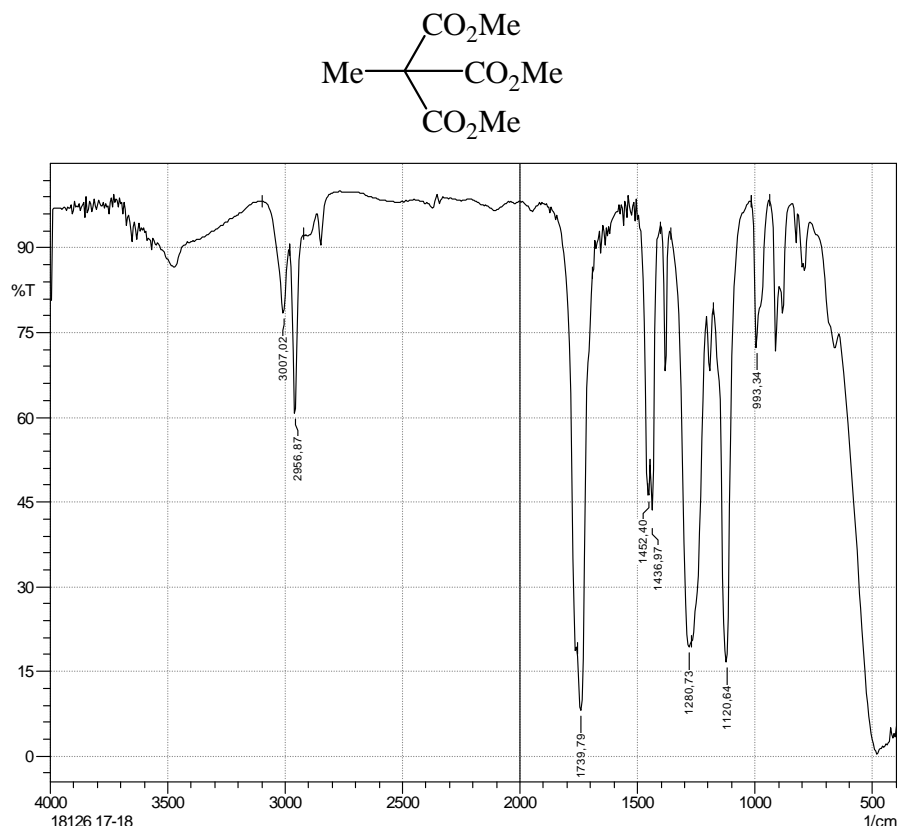


Figure S37. IR spectrum.

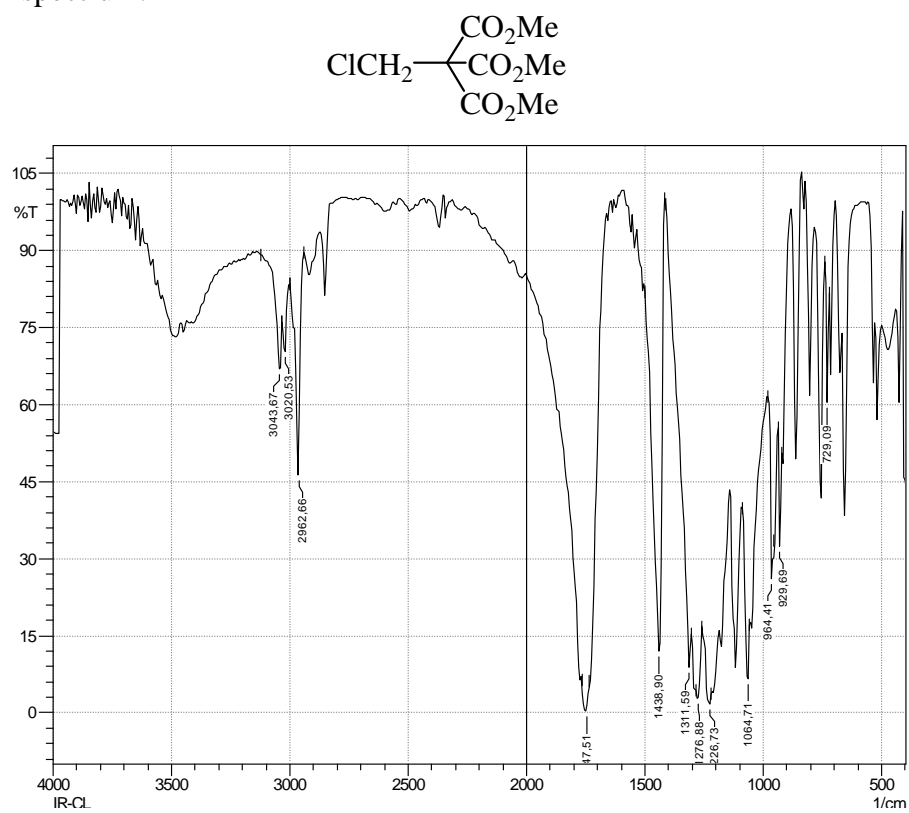


Figure S38. IR spectrum.

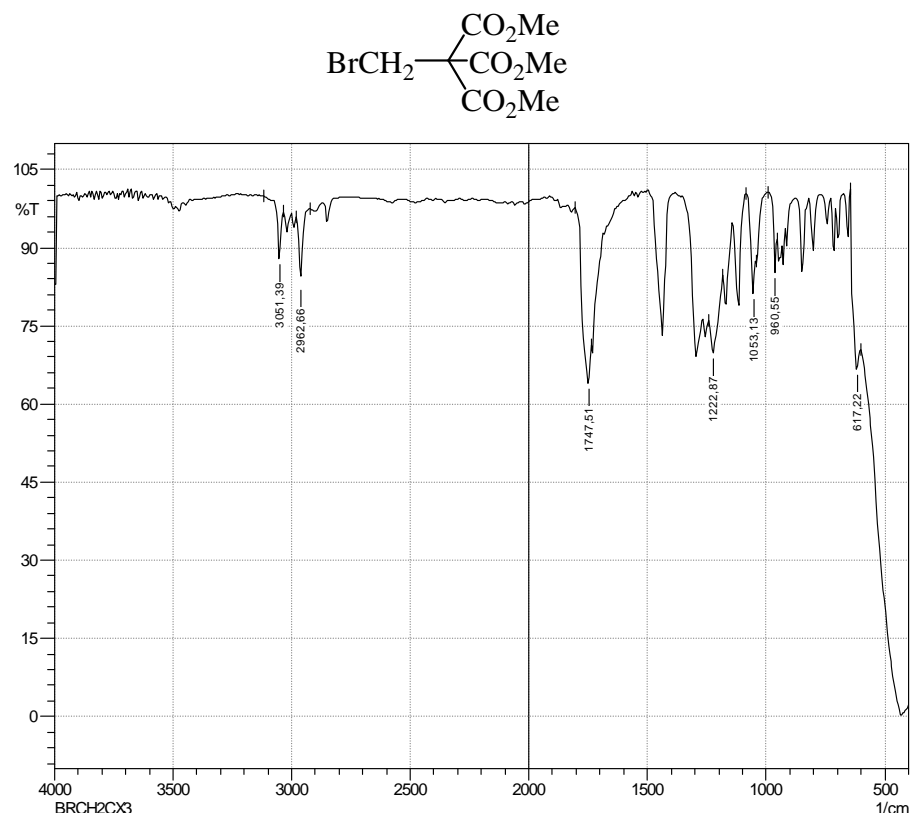


Figure S39. IR spectrum.

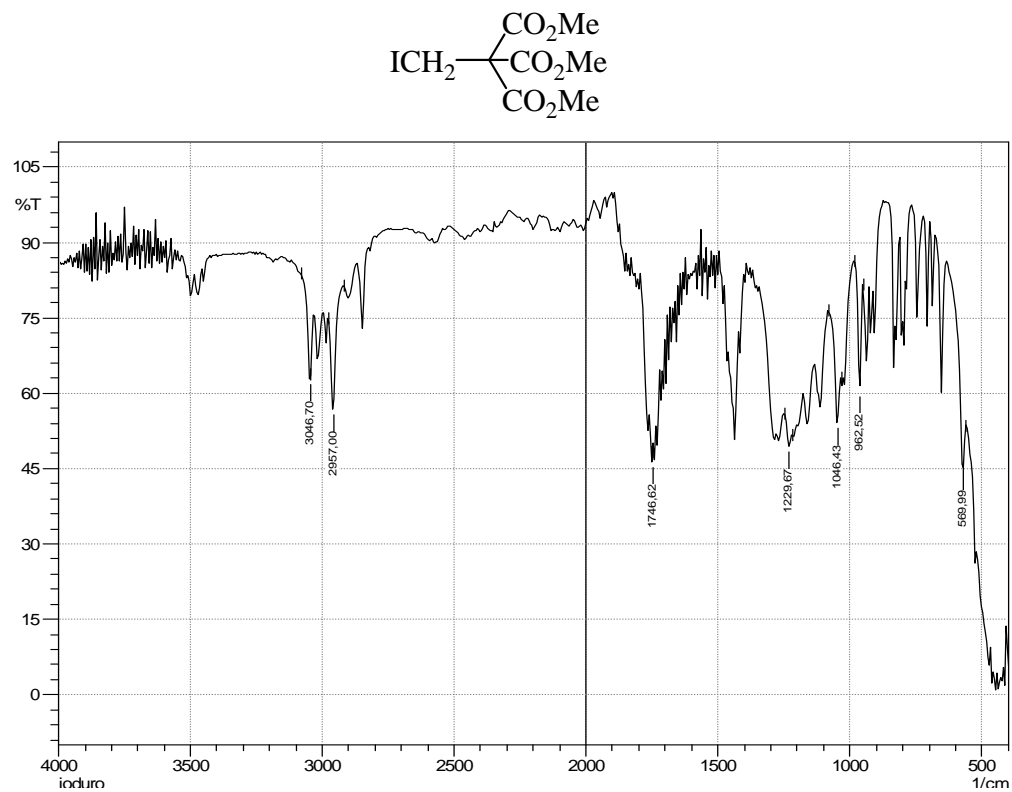


Figure S40. IR spectrum.