

Supplementary Materials: New Pesticidal Diterpenoids from *Vellozia gigantea* (Velloziaceae), an Endemic Neotropical Plant Living in the Endangered Brazilian Biome Rupestrian Grasslands

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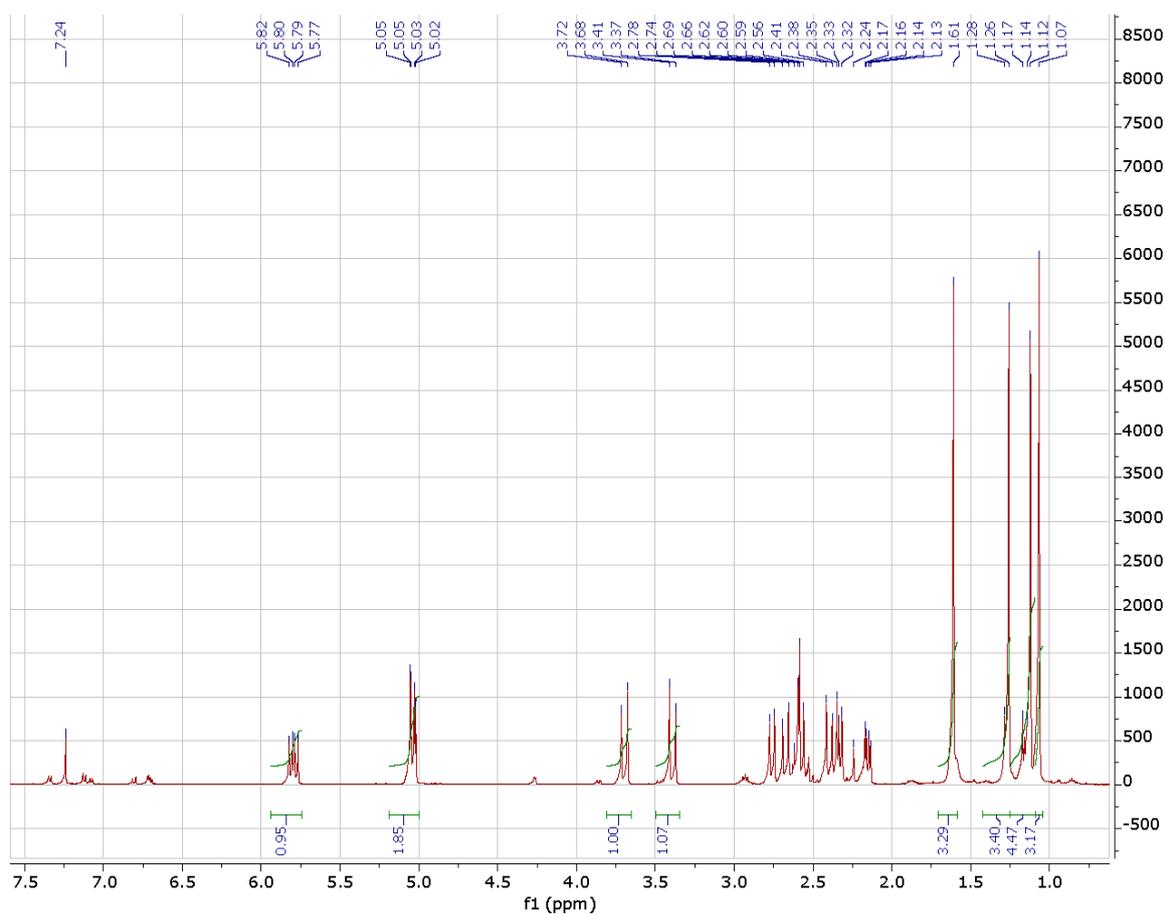


Figure S1. ¹H-NMR (500 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

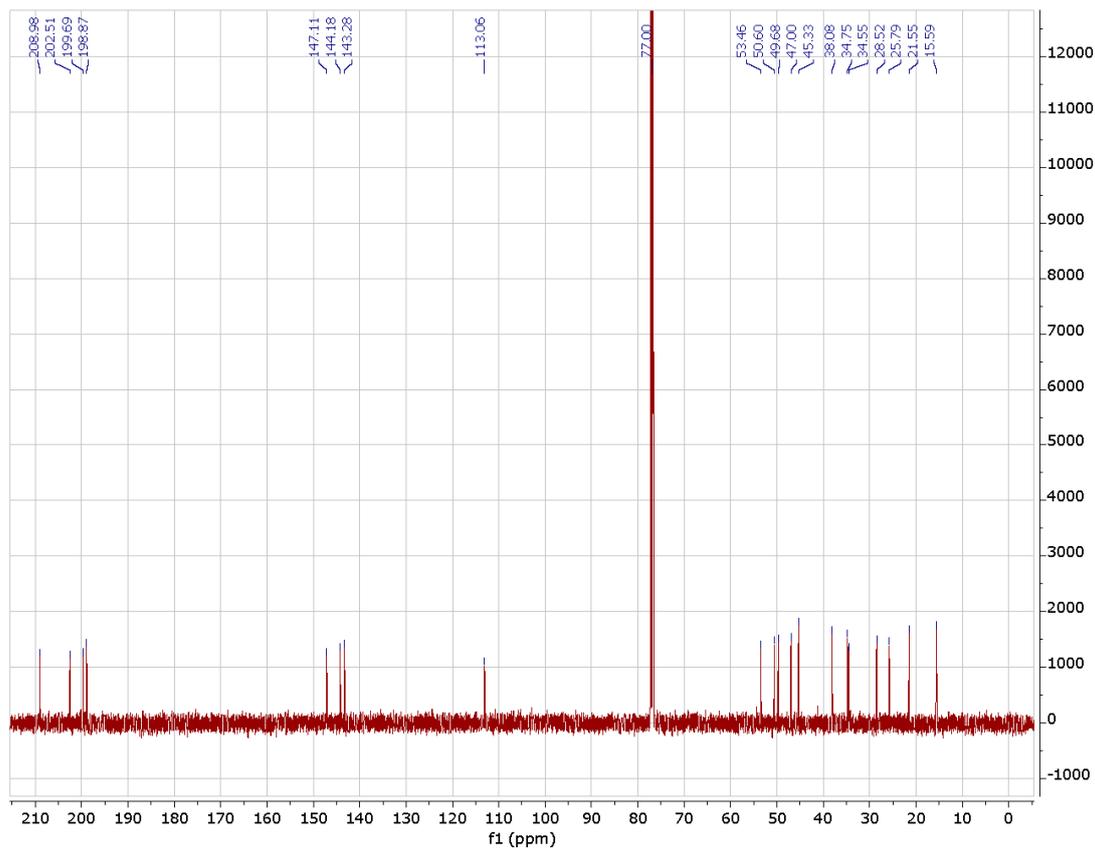


Figure S2. ¹³C-NMR (125 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

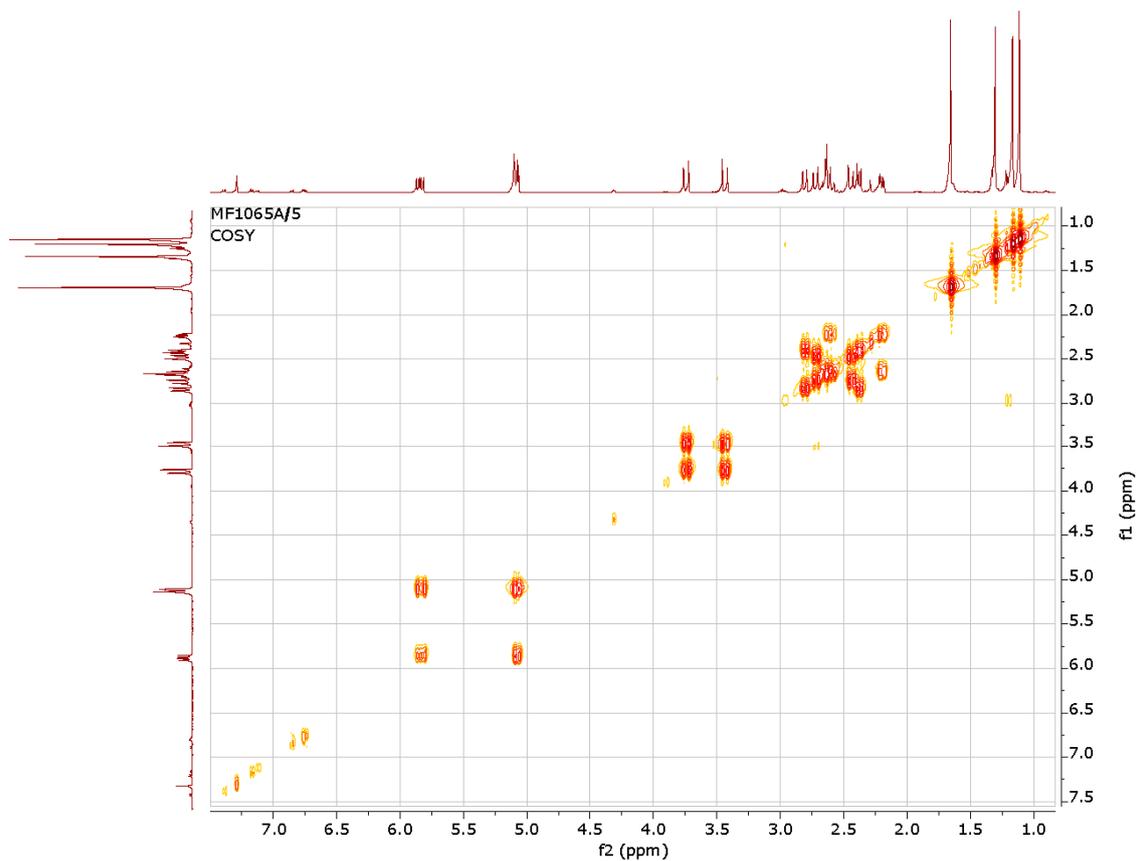


Figure S3. ¹H-¹H COSY (500 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

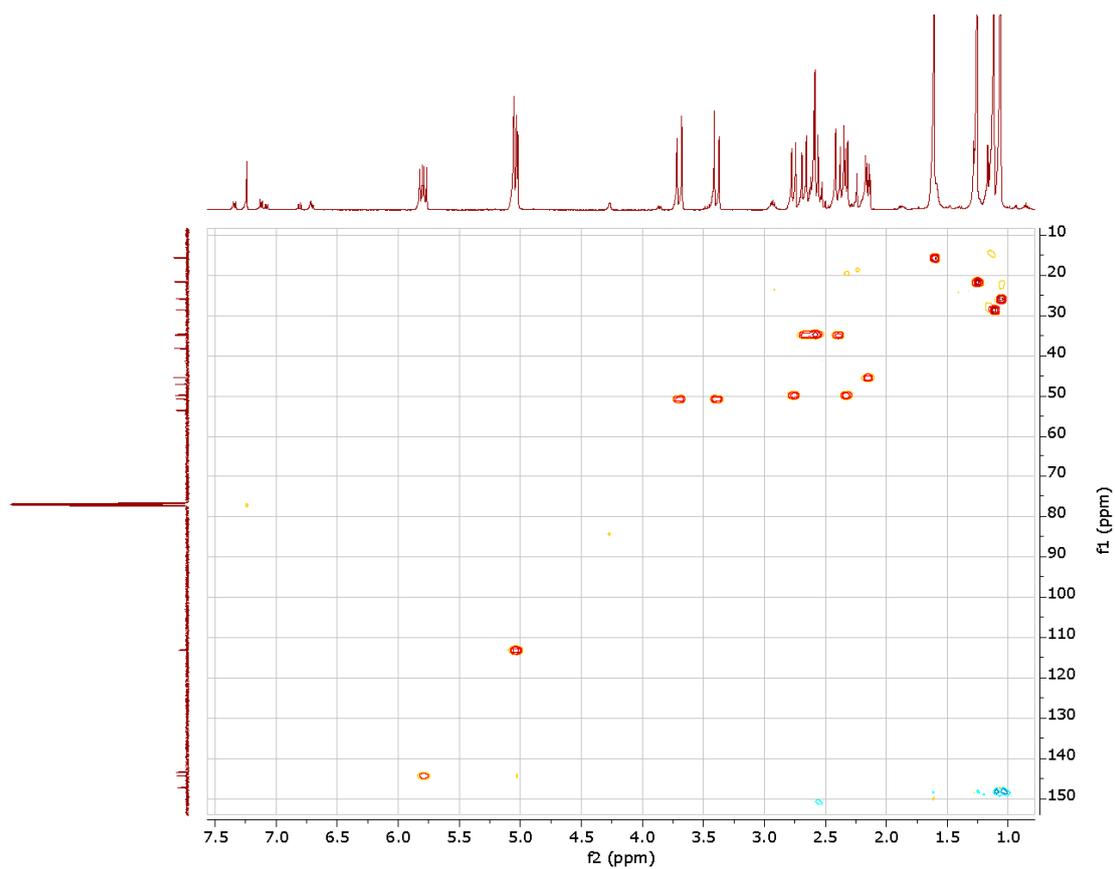


Figure S4. HSQC (500 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

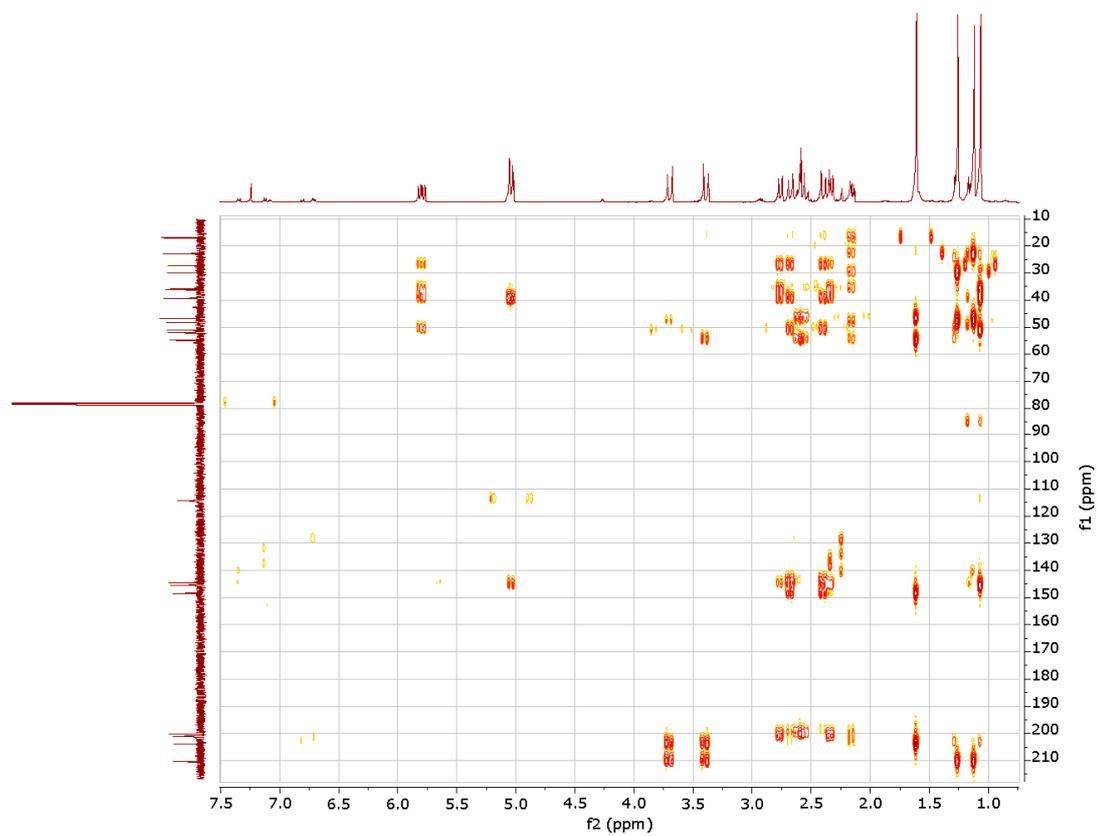


Figure S5. HMBC (500 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

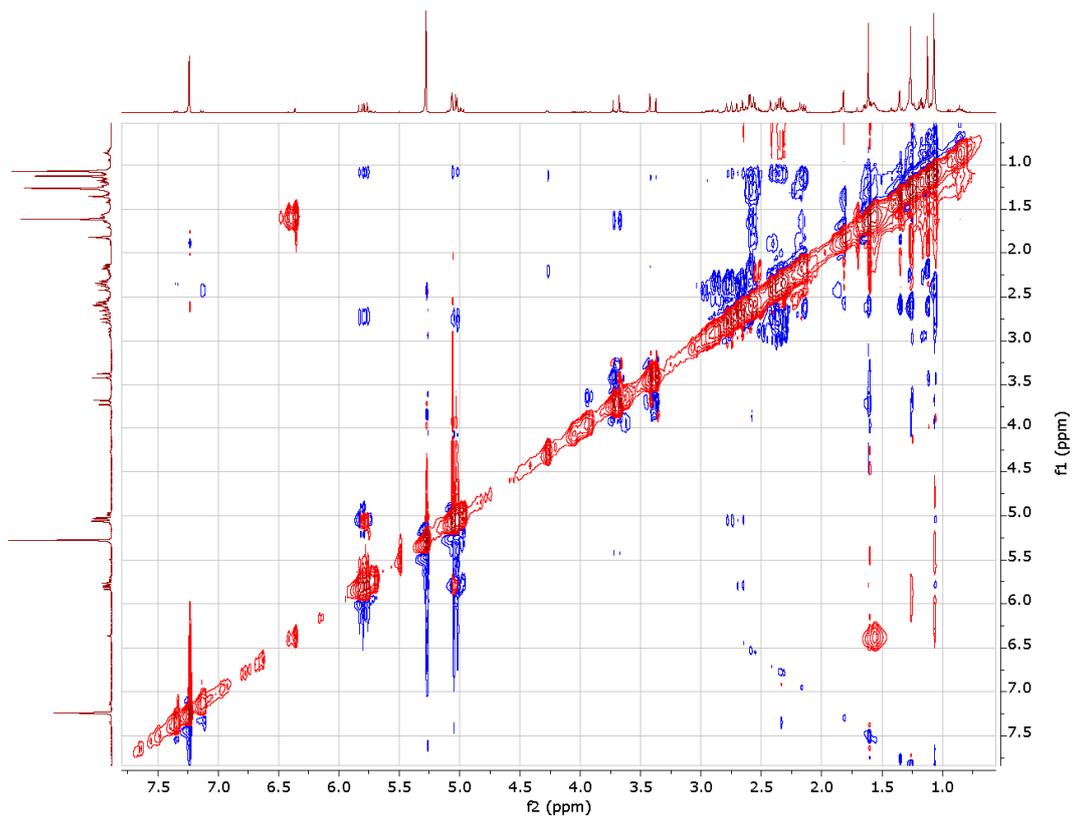


Figure S6. NOESY (500 MHz) Data for 8(9),15-isopimaradien-1,3,7,11-tetraone (1).

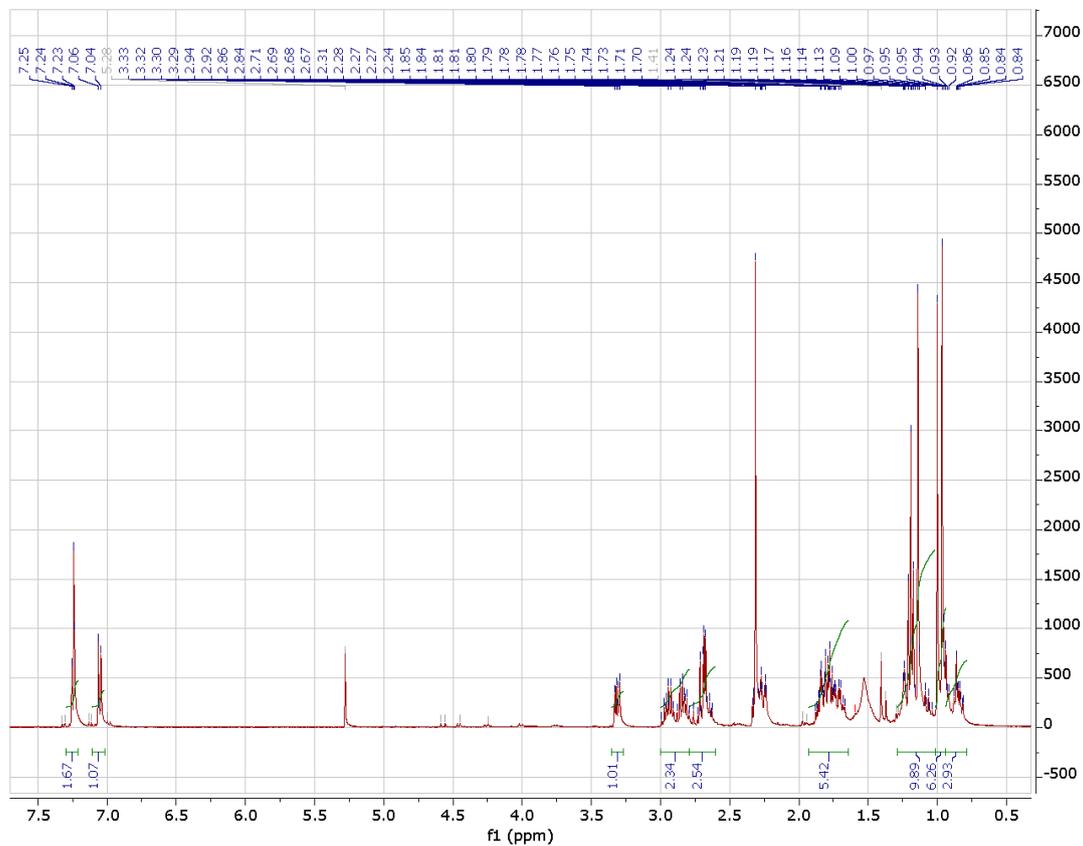


Figure S7. ¹H-NMR (500 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

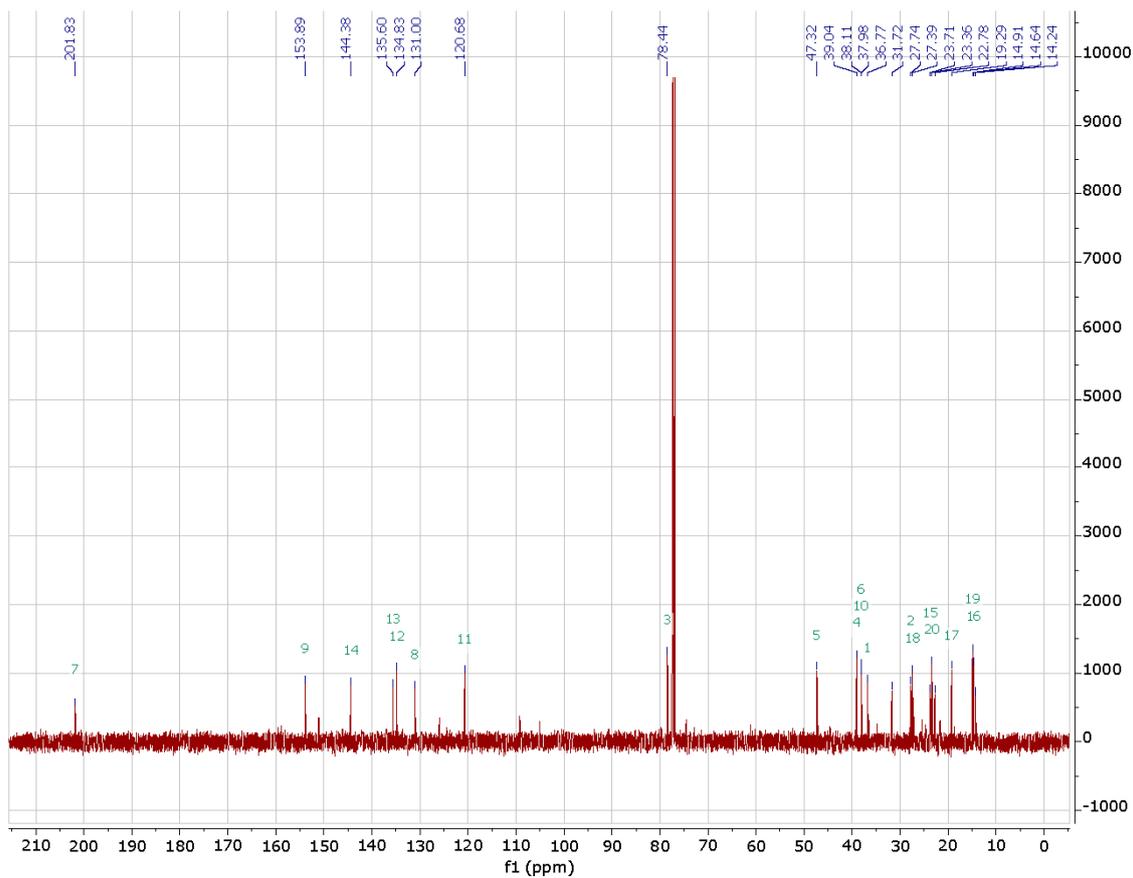


Figure S8. ¹³C-NMR (125 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

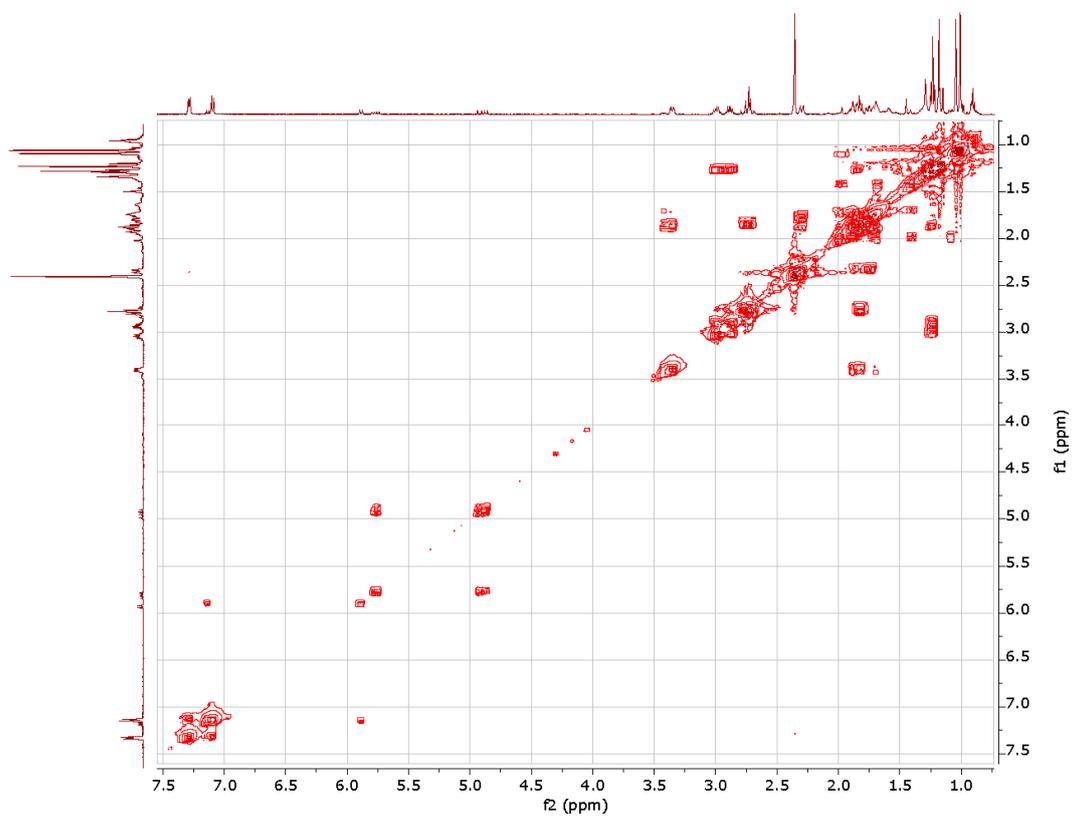


Figure S9. ¹H-¹H COSY (500 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

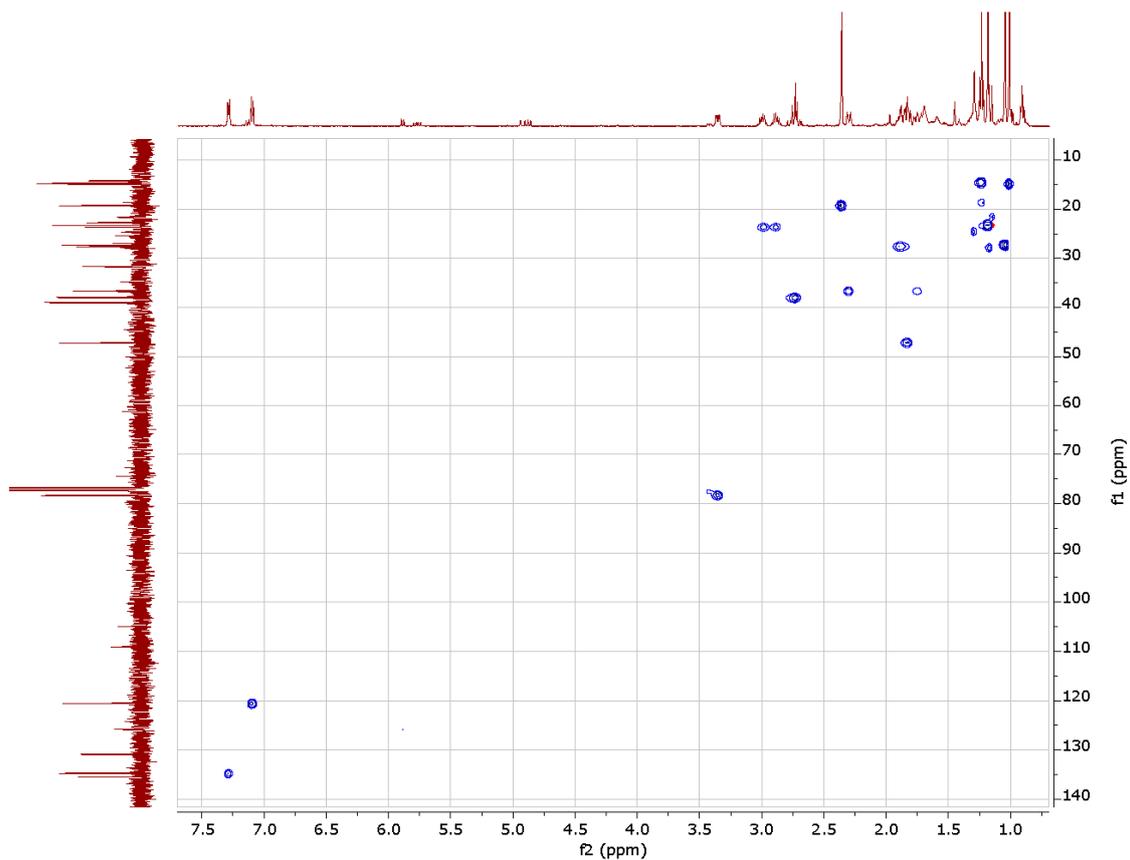


Figure S10. HSQC (500 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

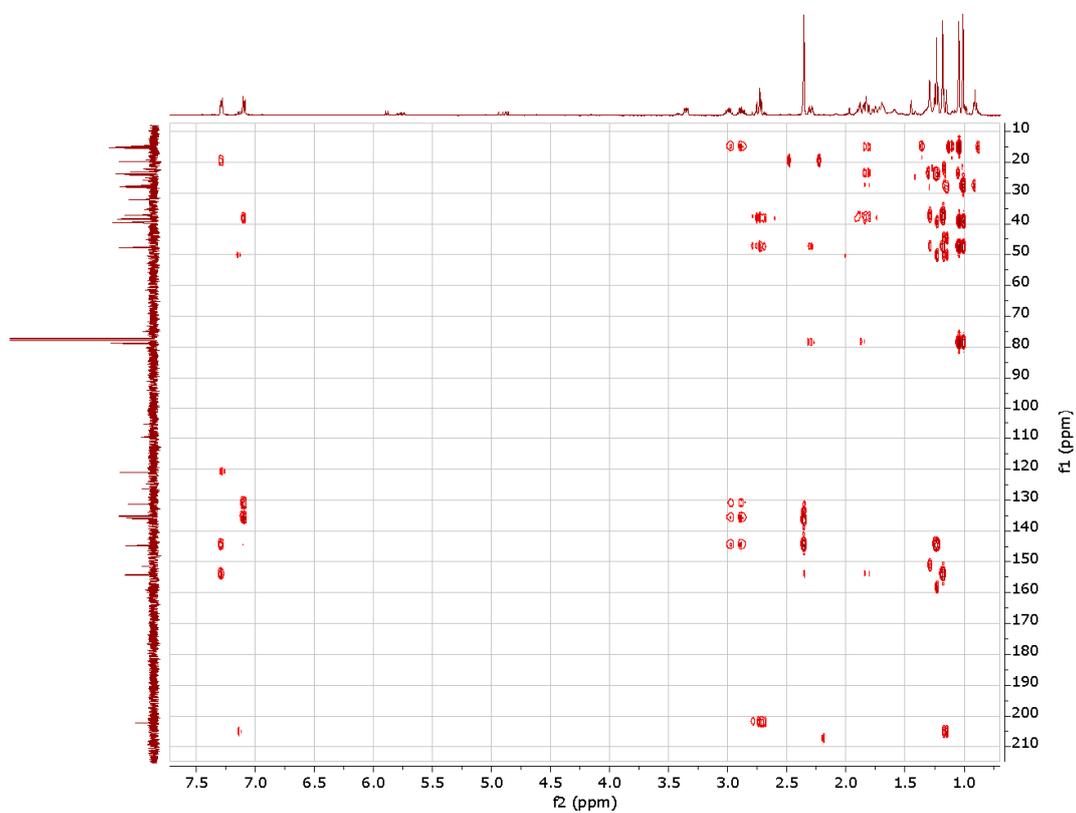


Figure S11. HMBC (500 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

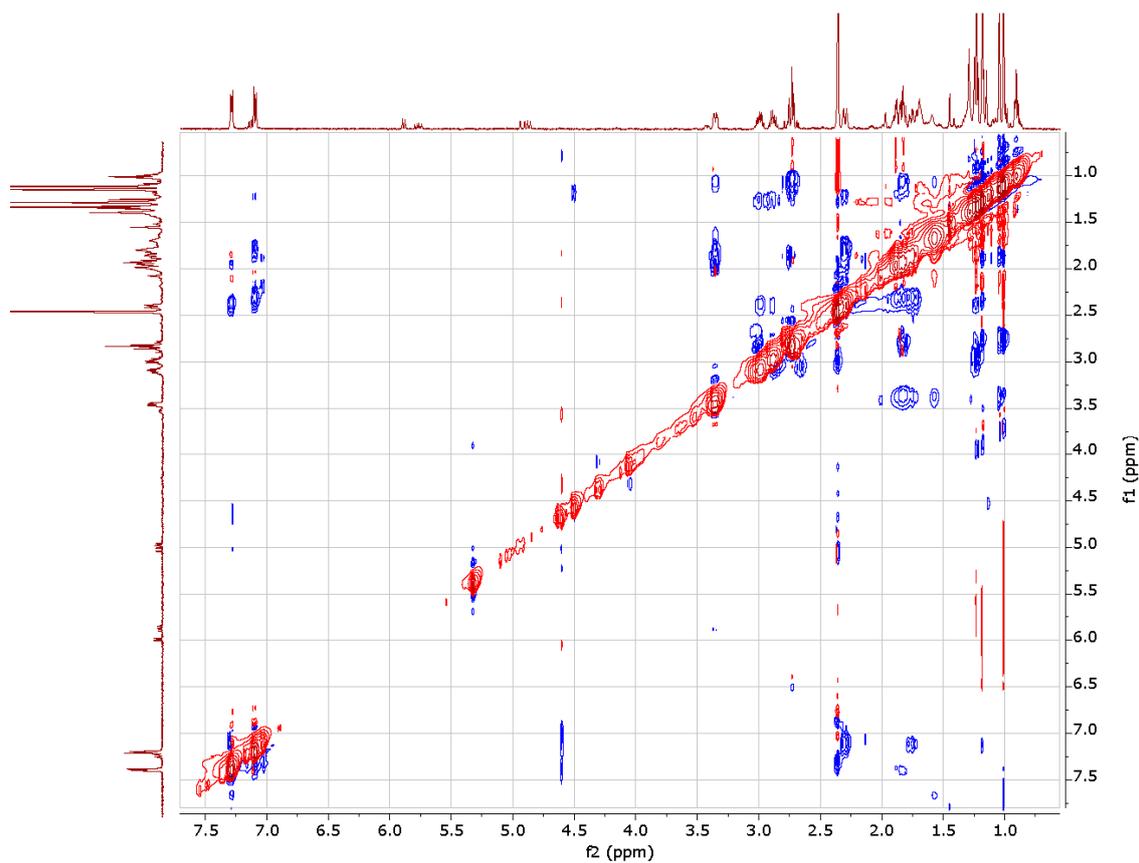


Figure S12. NOESY (500 MHz) Data for 7-oxo-8,11,13-cleistanthatrien-3-ol (2).

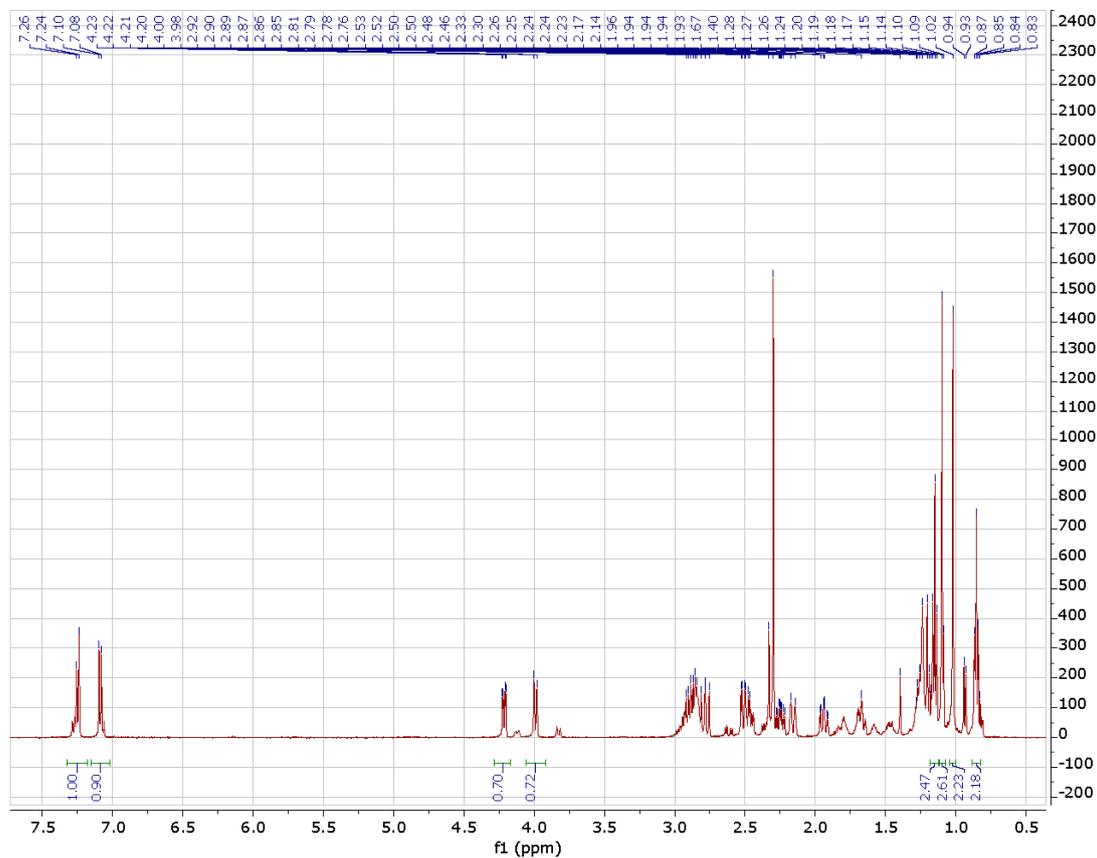


Figure S13. ^1H -NMR (500 MHz) Data for 3,20-epoxy-7-oxo-8,11,13-cleistanthatrien-3-ol (3).

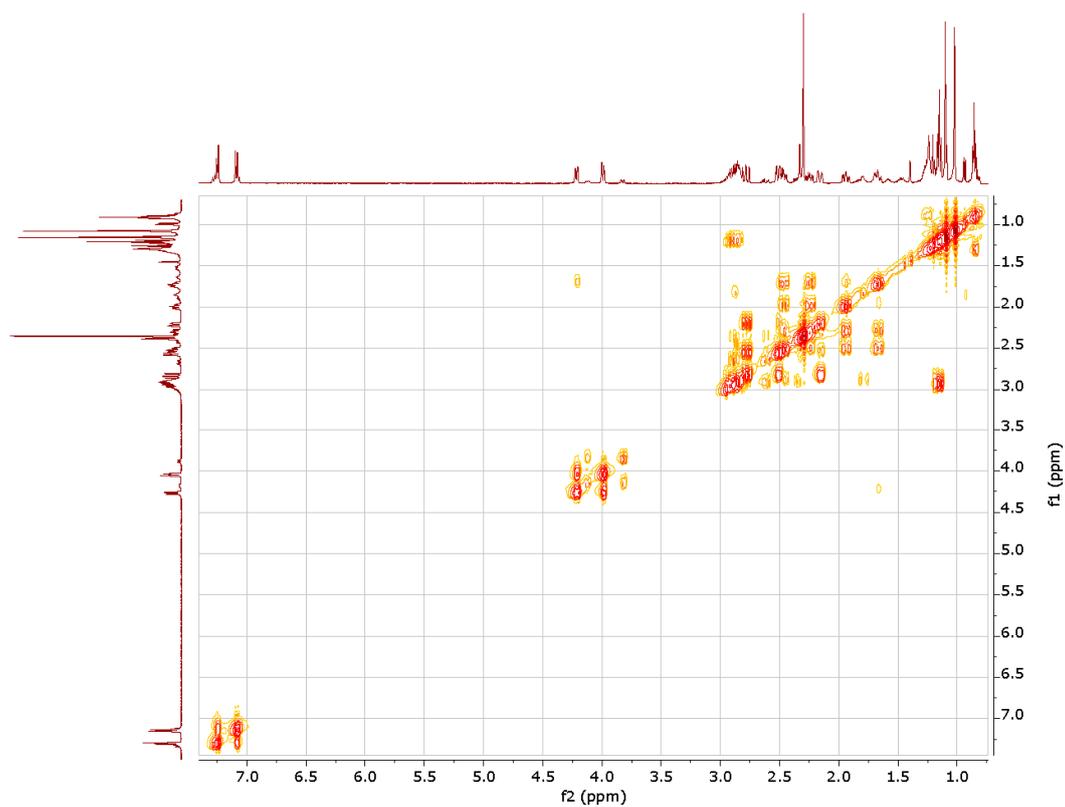
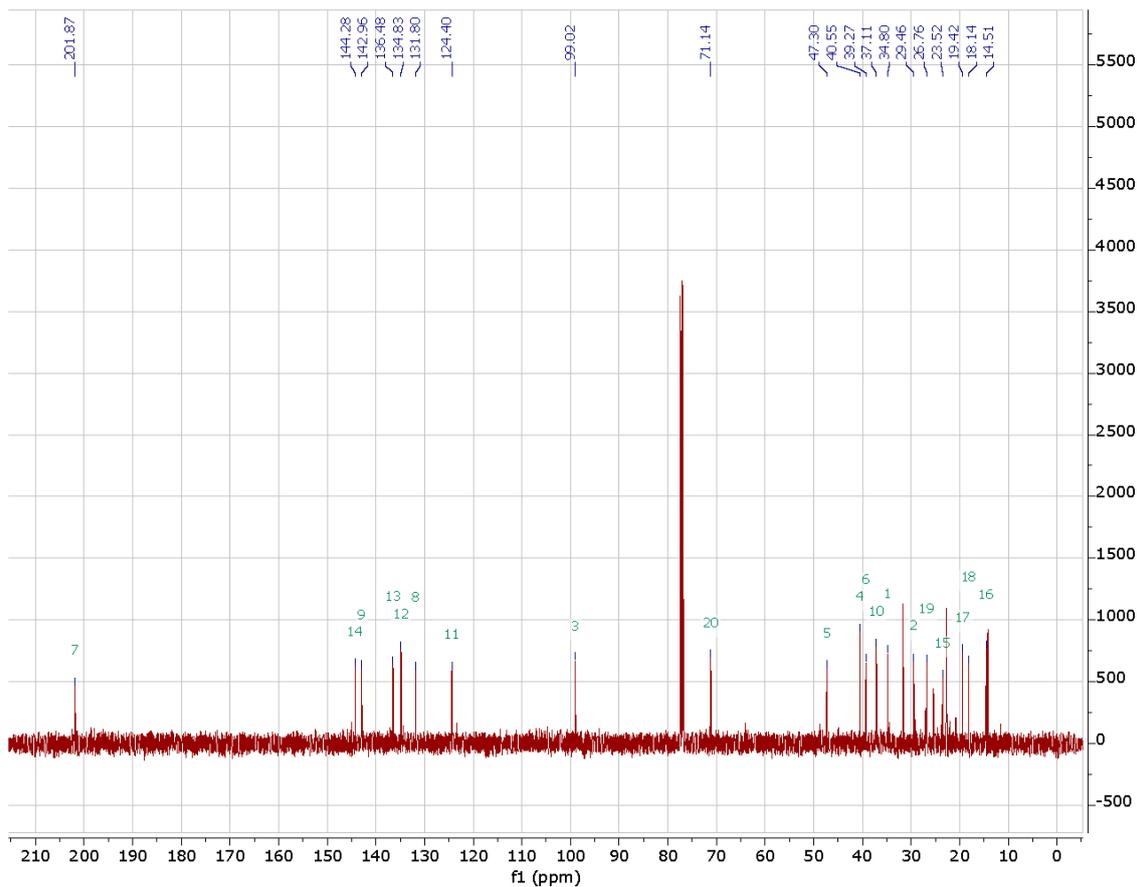


Figure S15. ^1H - ^1H COSY (500 MHz) Data for 3,20-epoxy-7-oxo-8,11,13-cleistanthatrien-3-ol (3).

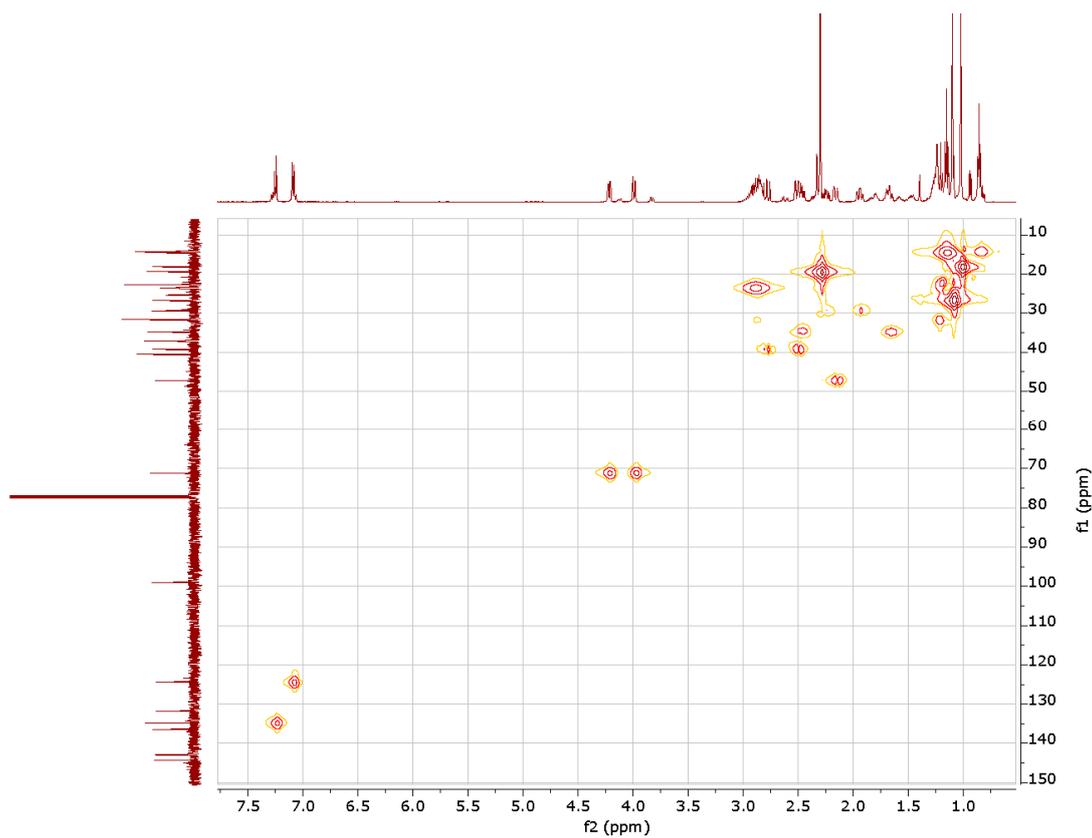


Figure S16. HSQC (500 MHz) Data for 3,20-epoxy-7-oxo-8,11,13-cleistanthatrien-3-ol (3).

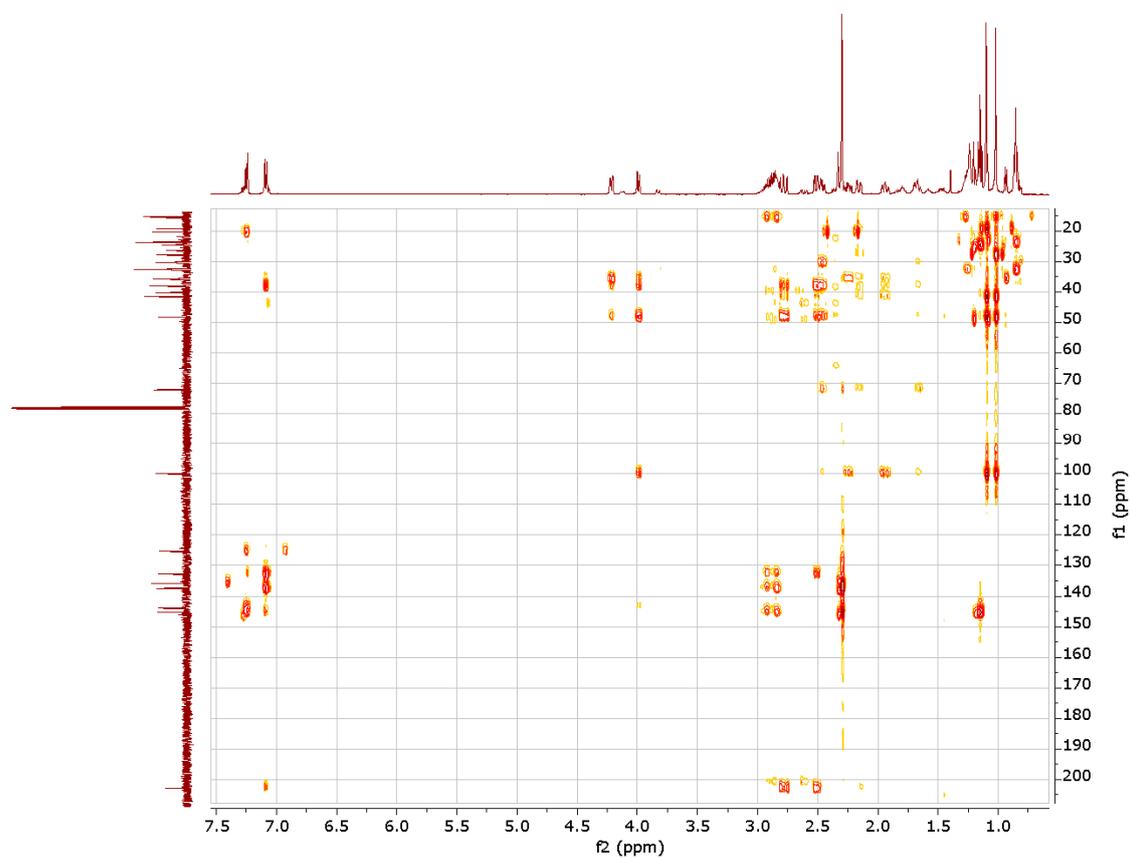


Figure S17. HMBC (500 MHz) Data for 3,20-epoxy-7-oxo-8,11,13-cleistanthatrien-3-ol (3).

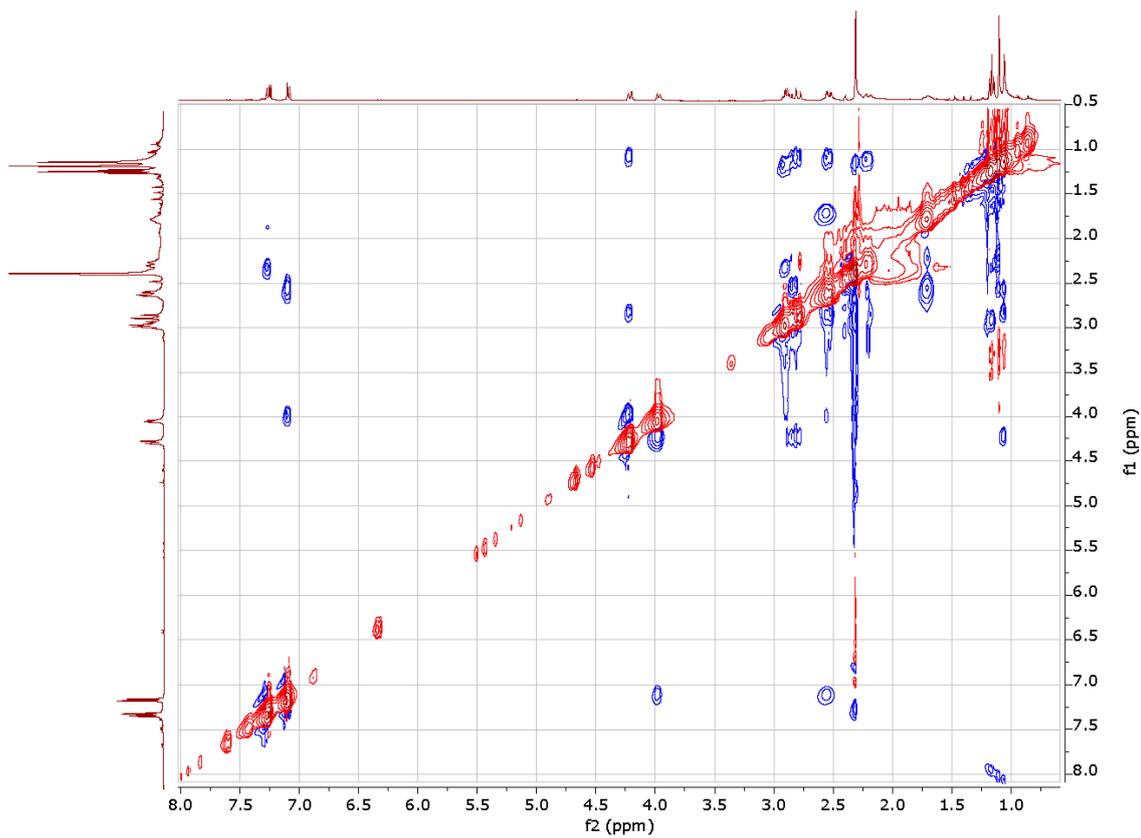


Figure S18. NOESY (500 MHz) Data for 3,20-epoxy-7-oxo-8,11,13-cleistanthatrien-3-ol (3).

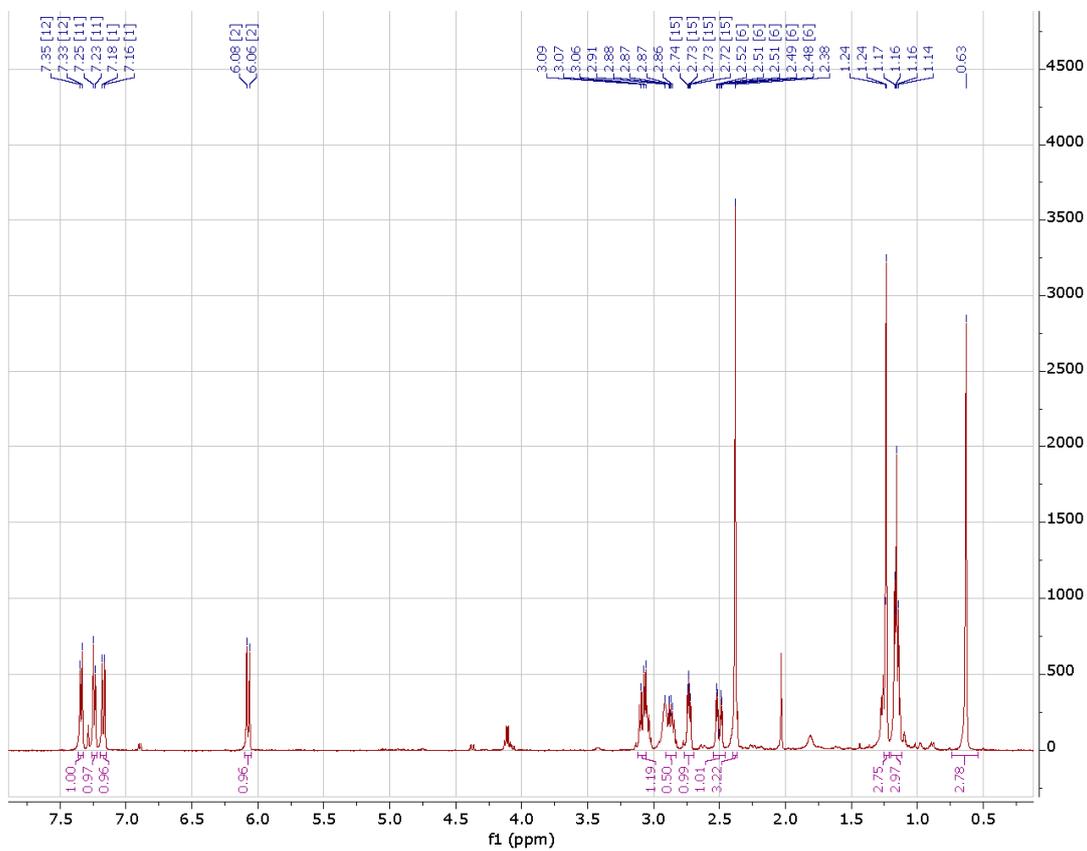


Figure S19. $^1\text{H-NMR}$ (500 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).

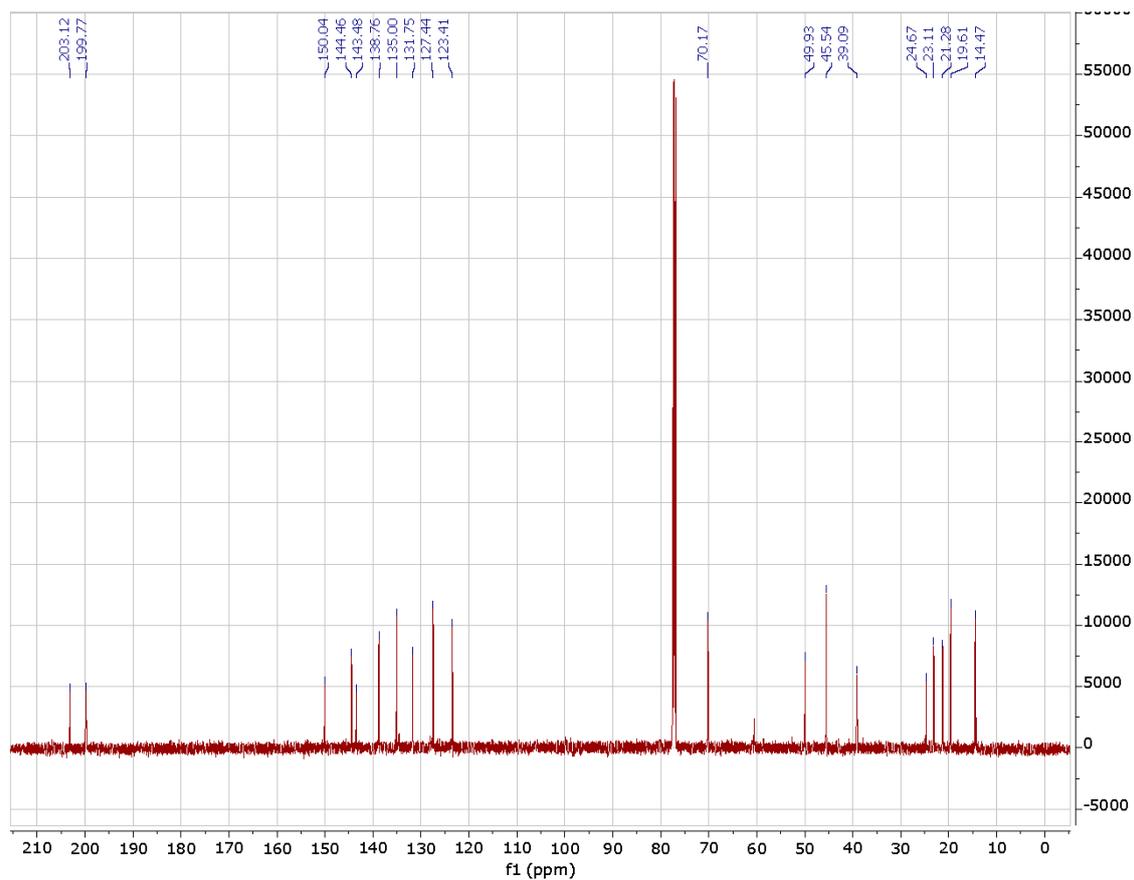


Figure S20. ^{13}C -NMR (125 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).

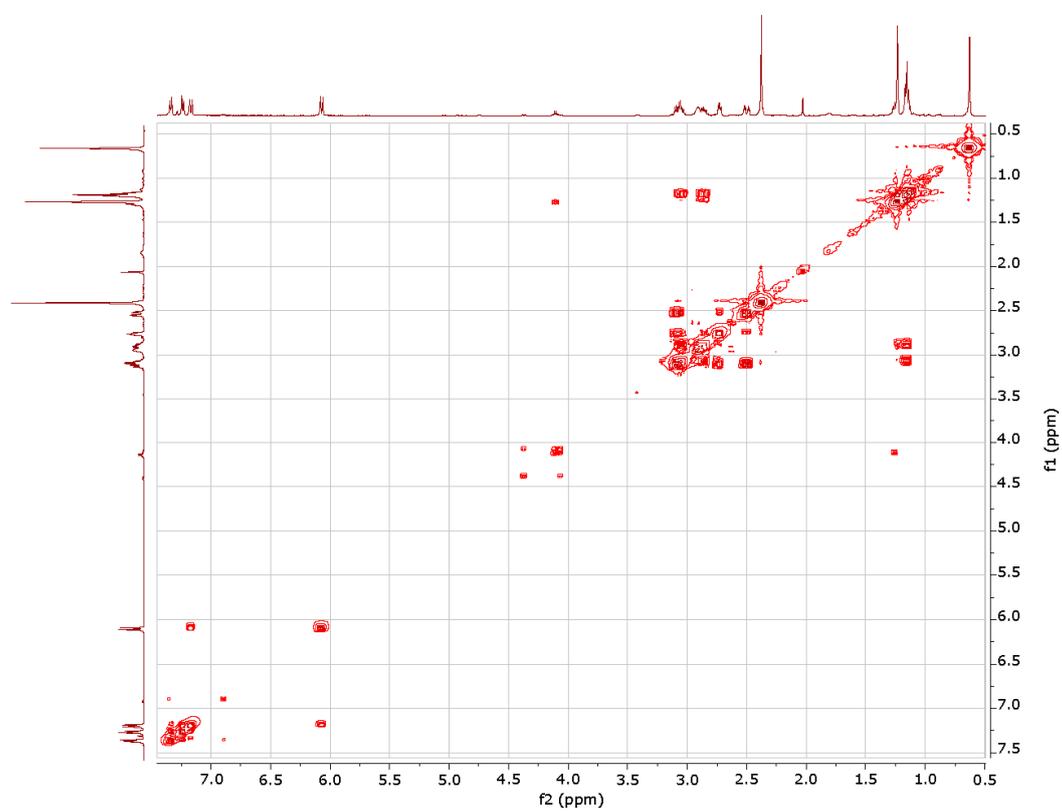


Figure S21. ^1H - ^1H COSY (500 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).

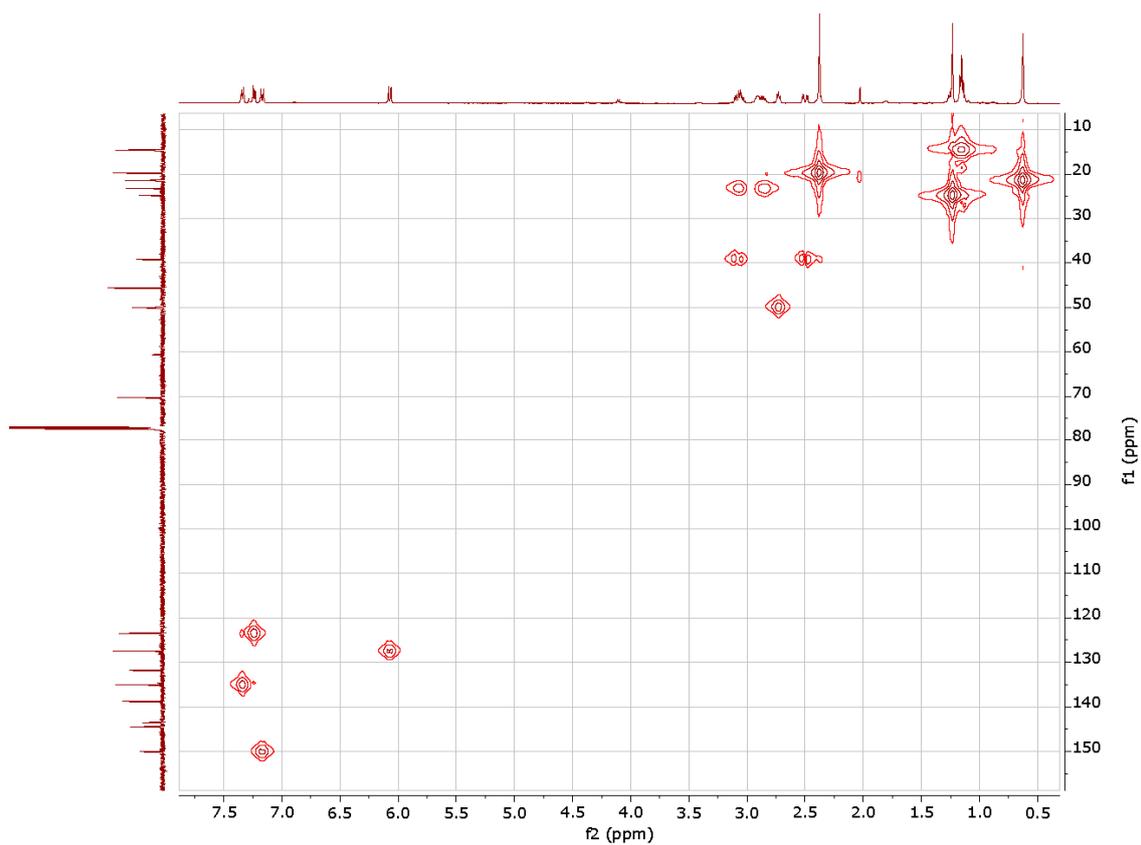


Figure S22. HSQC (500 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).

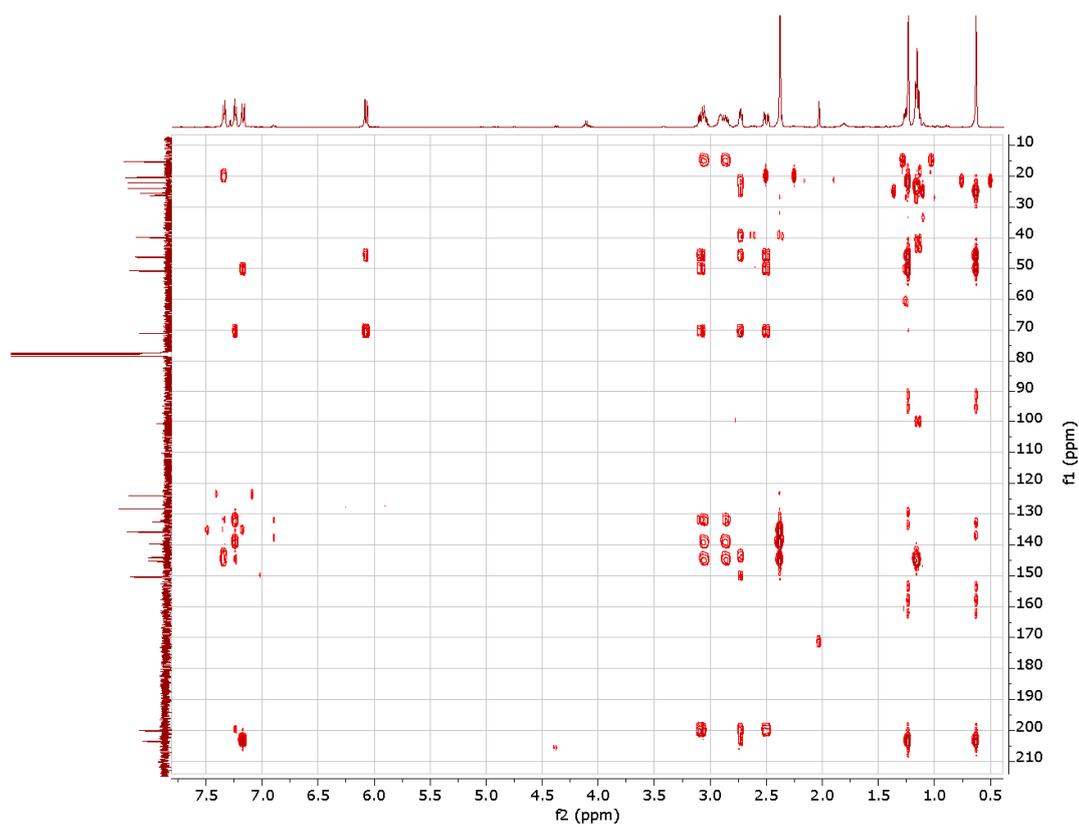


Figure S23. HMBC (500 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).

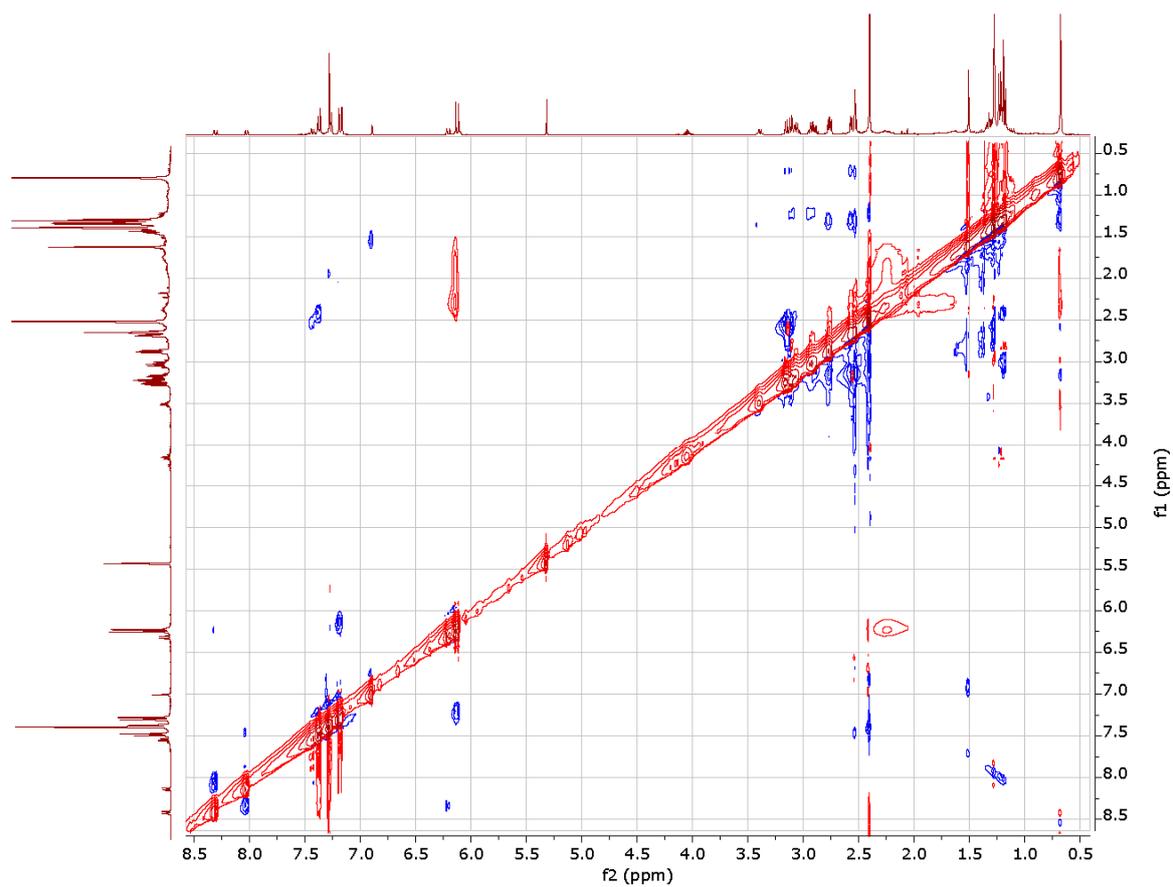


Figure S24. NOESY (500 MHz) Data for 20-nor-3,7-dioxo-1,8,11,13-cleistanthatetraen-10-ol (4).