Supplementary Materials: Synthesis of 16 New Hybrids from Tetrahydropyrans Derivatives and Morita– Baylis– Hillman Adducts: In Vitro Screening against Leishmania donovani

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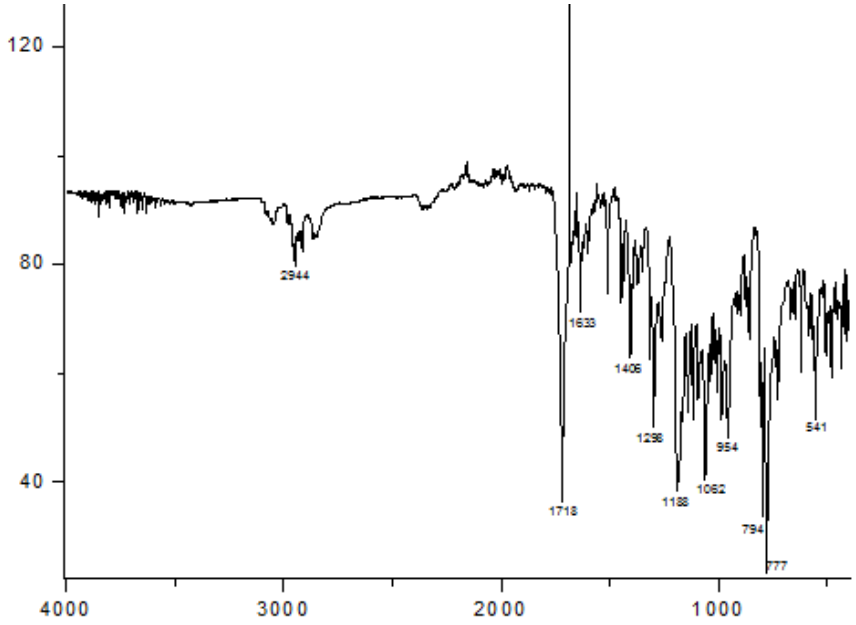

Figure S1. FTIR spectrum of acrylate **10**.

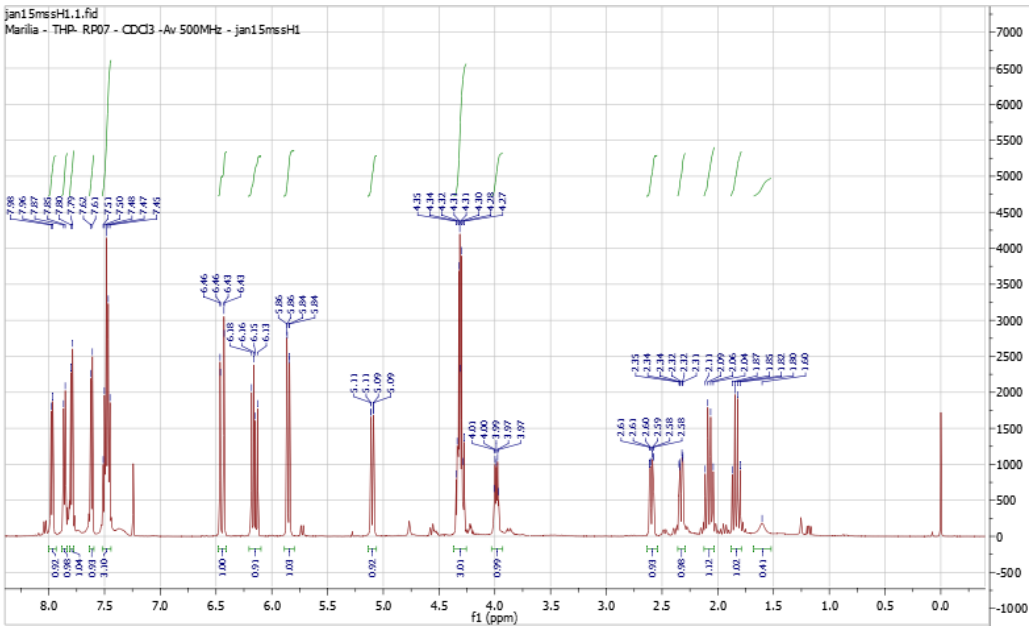

Figure S2. RMN ^{1}H spectrum of acrylate **10**.

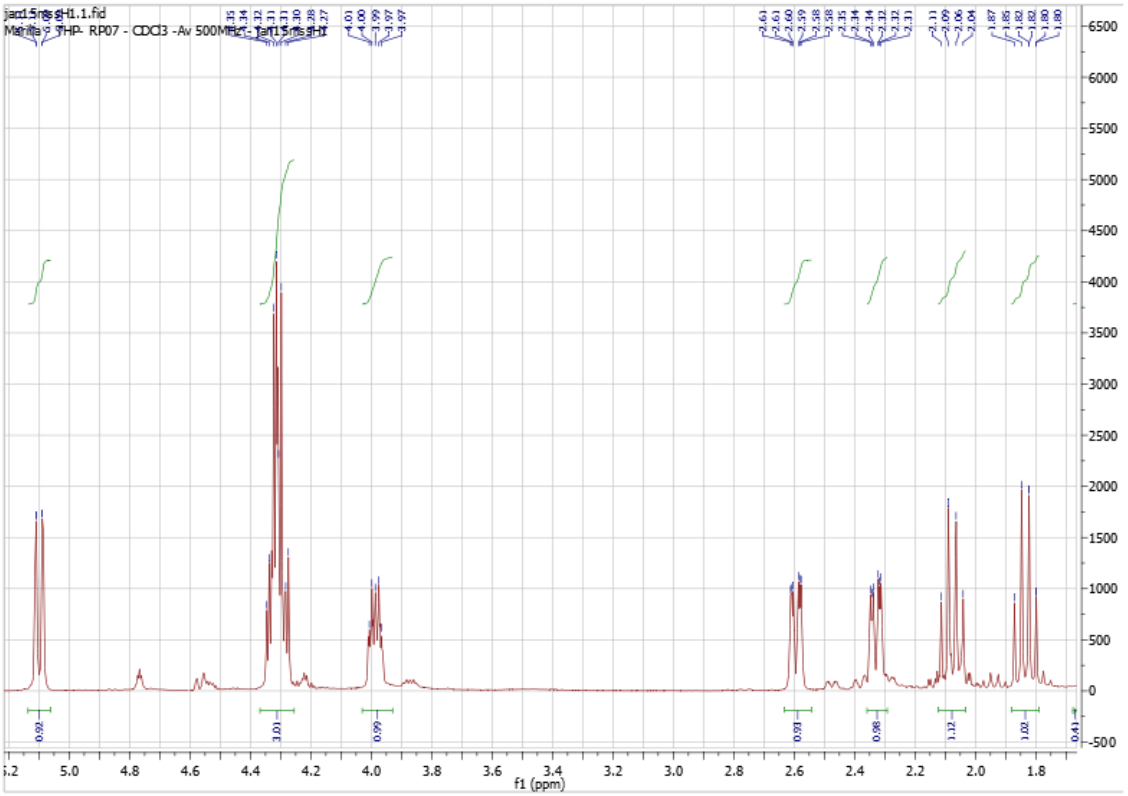

Figure S3. RMN ^{1}H spectrum enlargement of acrylate **10** (1.8 – 5.2ppm)

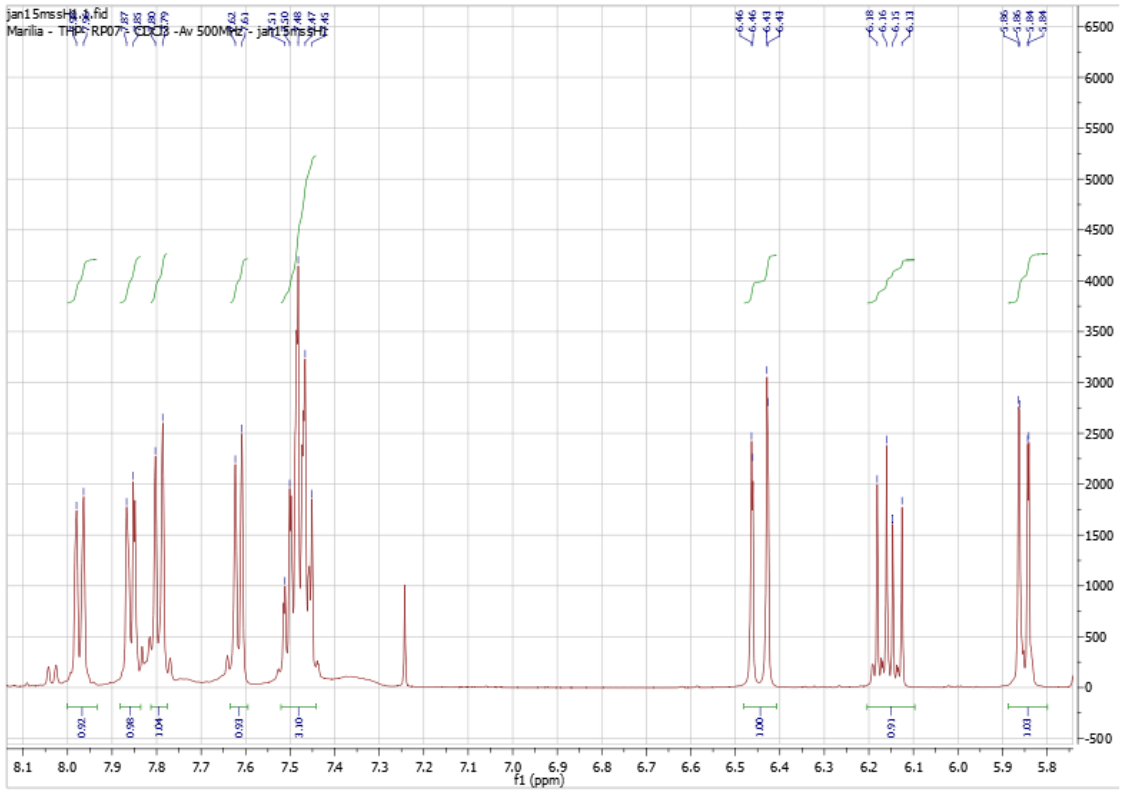

Figure S4. RMN ^{1}H spectrum enlargement of acrylate **10** (5.8 – 8.0ppm)

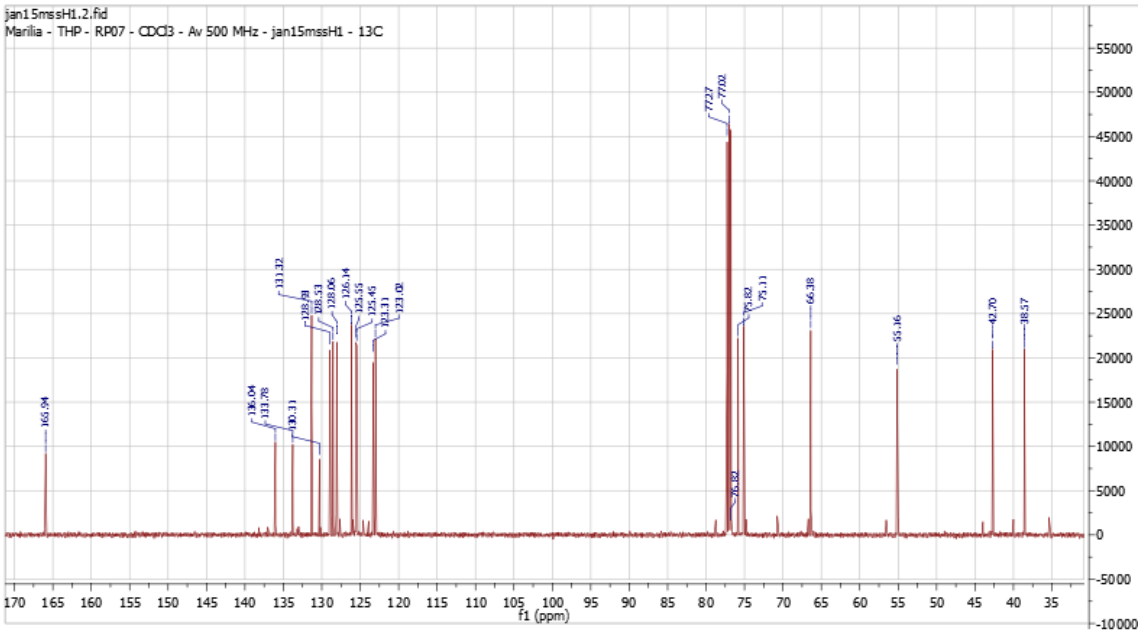

Figure S5. RMN ^{13}C spectrum of acrylate **10**.

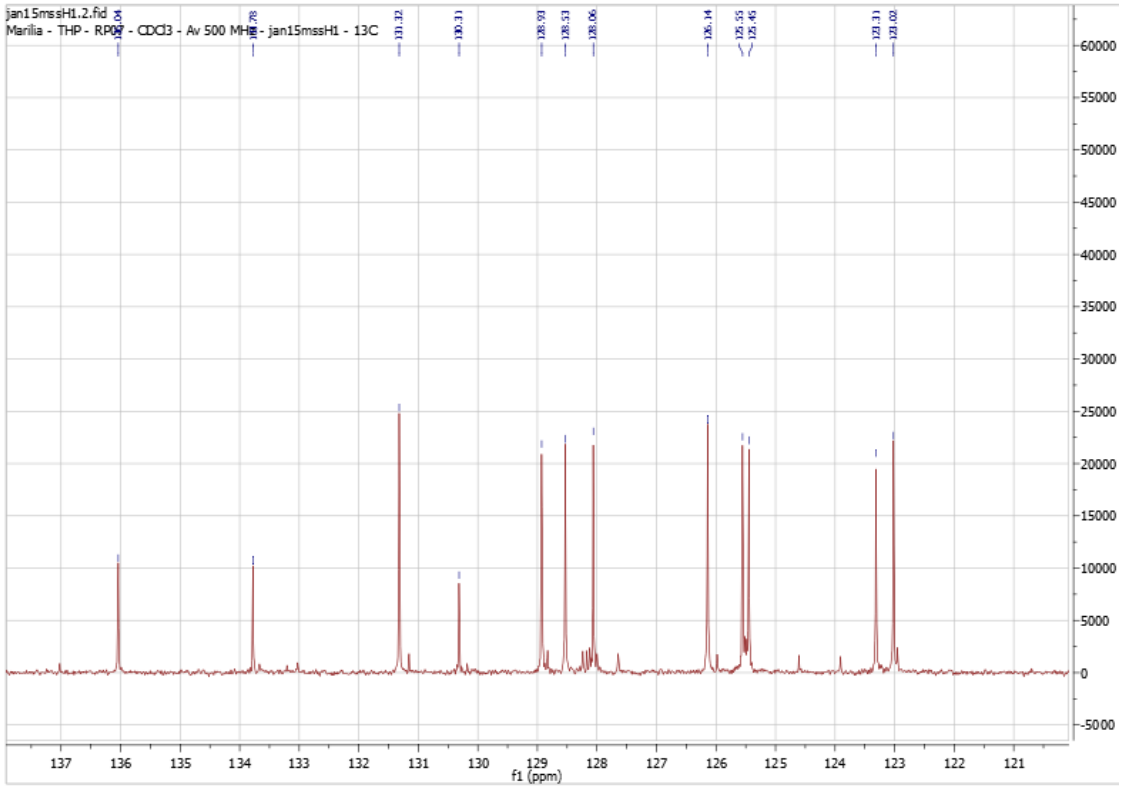

Figure S6. RMN ^{13}C spectrum enlargement of acrilate **10** (122 – 137ppm).

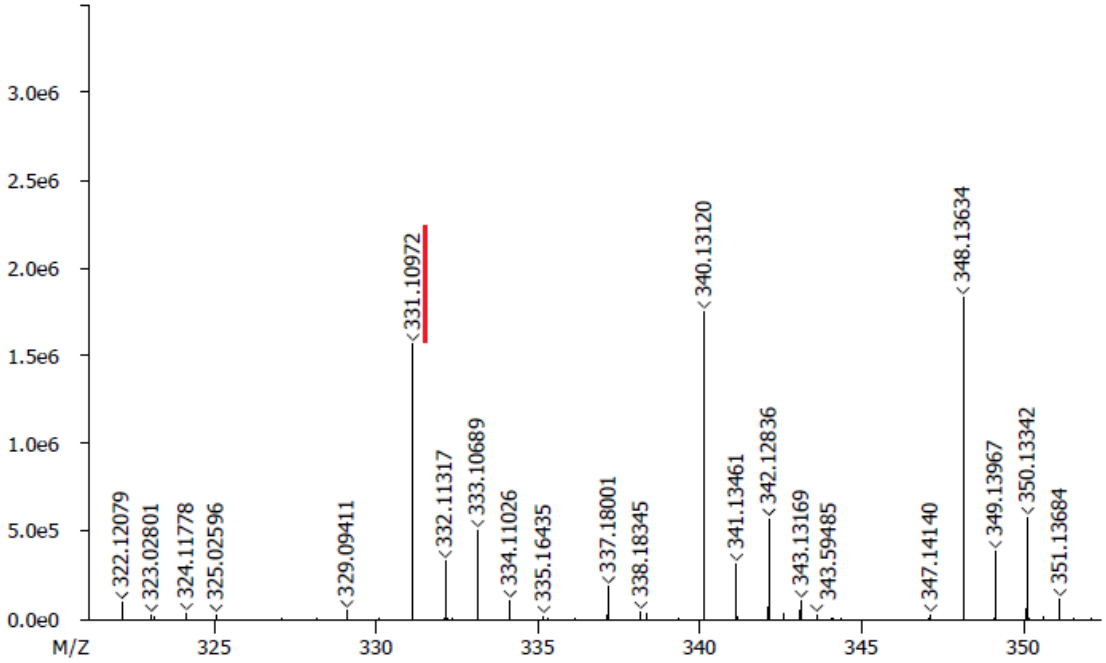

Figure S7. HRMS spectrum of acrylate **10**.

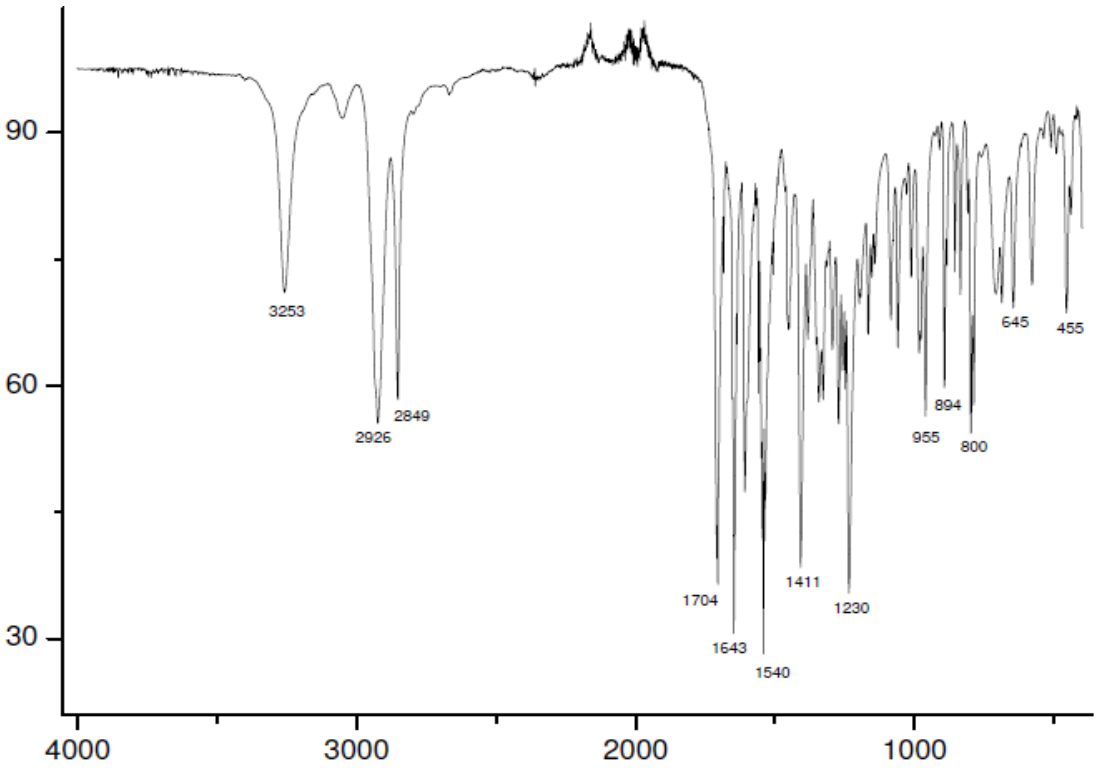

Figure S8. FTIR spectrum of acrylate **11**.

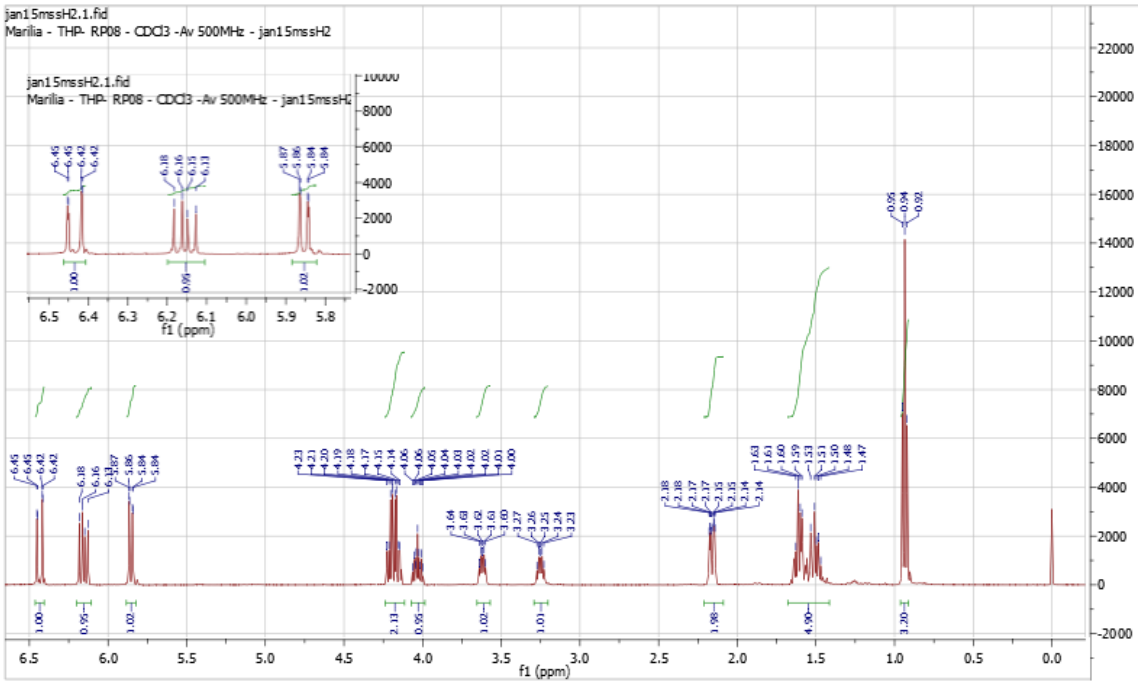

Figure S9. RMN ^{1}H spectrum of acrilate **11**.

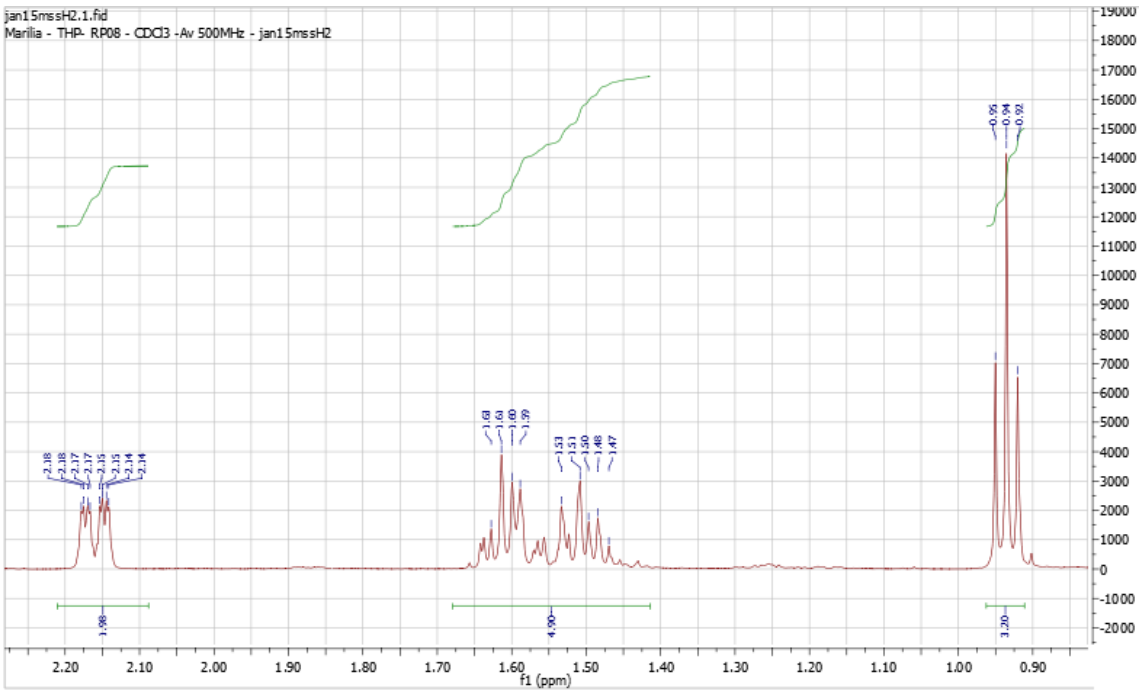

Figure S10. RMN ^{1}H spectrum enlargement of acrilate **11** (0.9 – 2.2ppm).

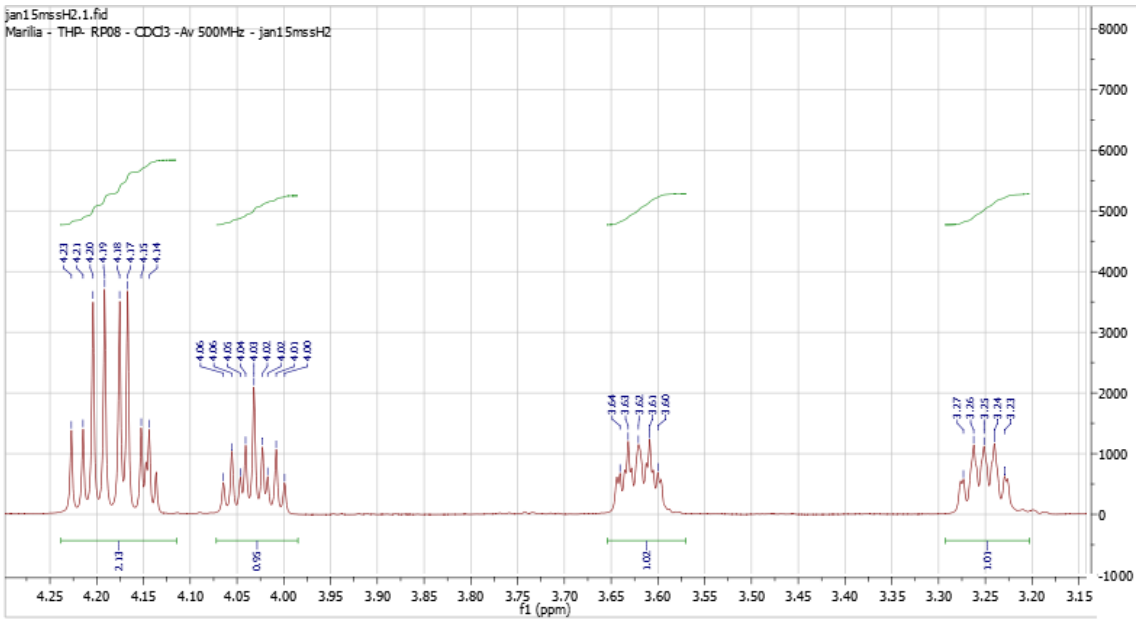

Figure S11. RMN ^{1}H spectrum enlargement of acrilate **11** (3.2 – 4.25ppm).

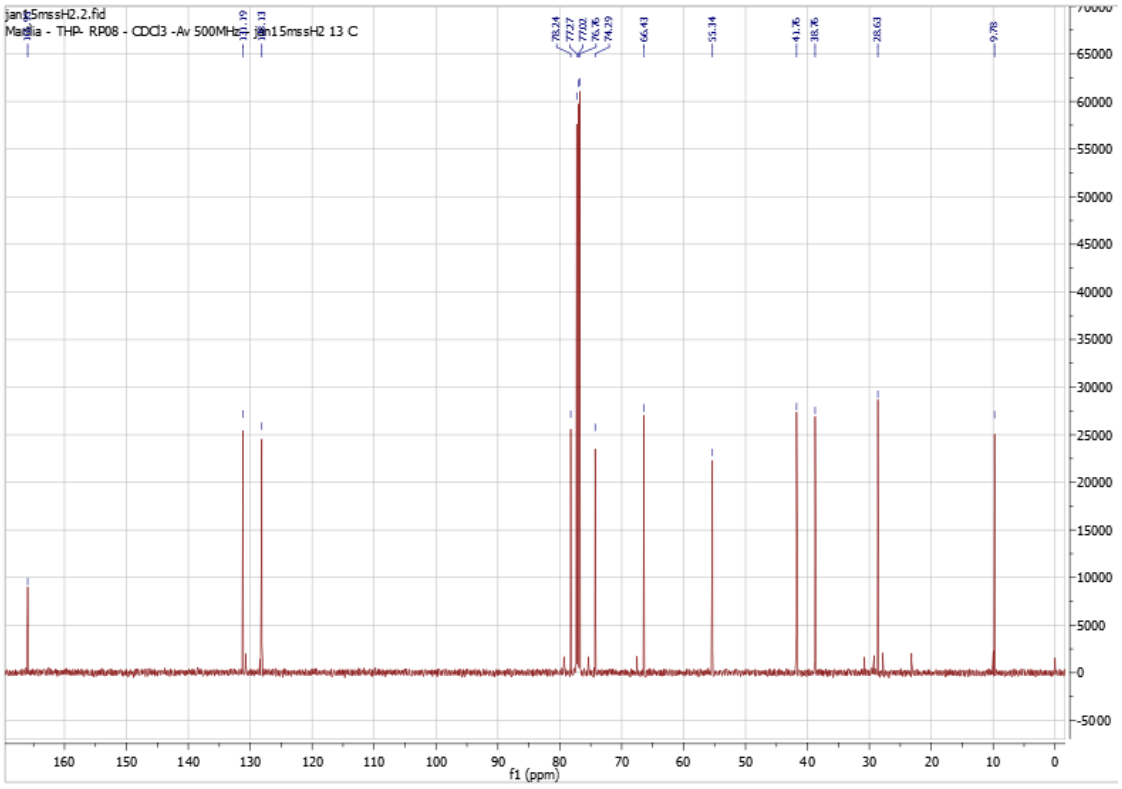

Figure S12. RMN ^{13}C spectrum of acrylate **11**.

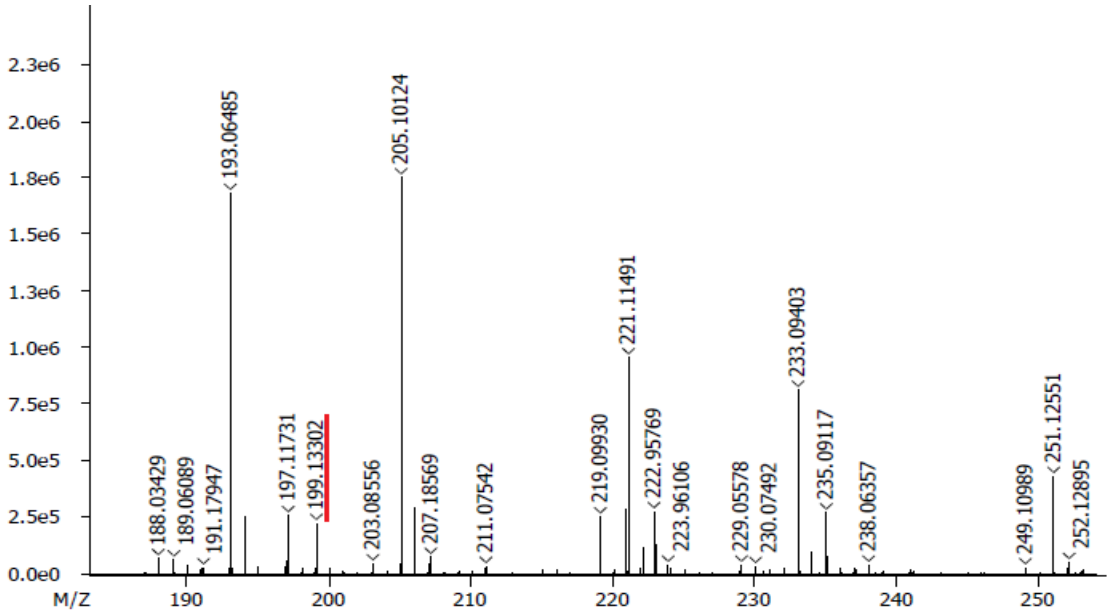

Figure S13. HRMS spectrum of acrylate **11**.

4. Spectroscopic data of adducts (8a – 8h) and (9a – 9h)

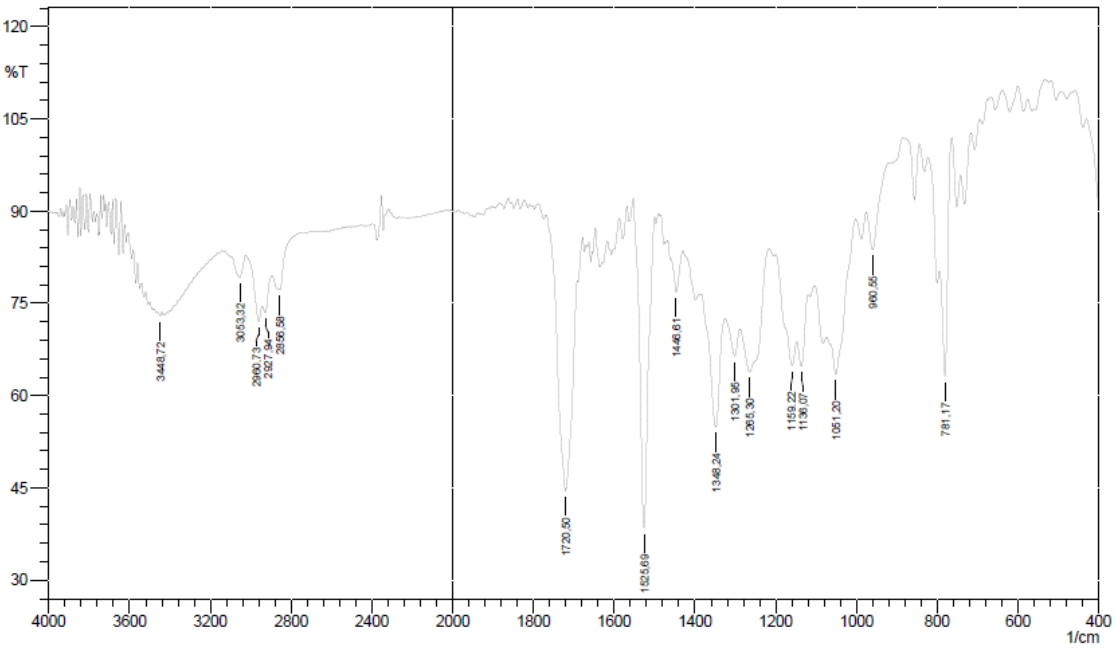

Figure S14. FTIR spectrum of adduct **8a**.

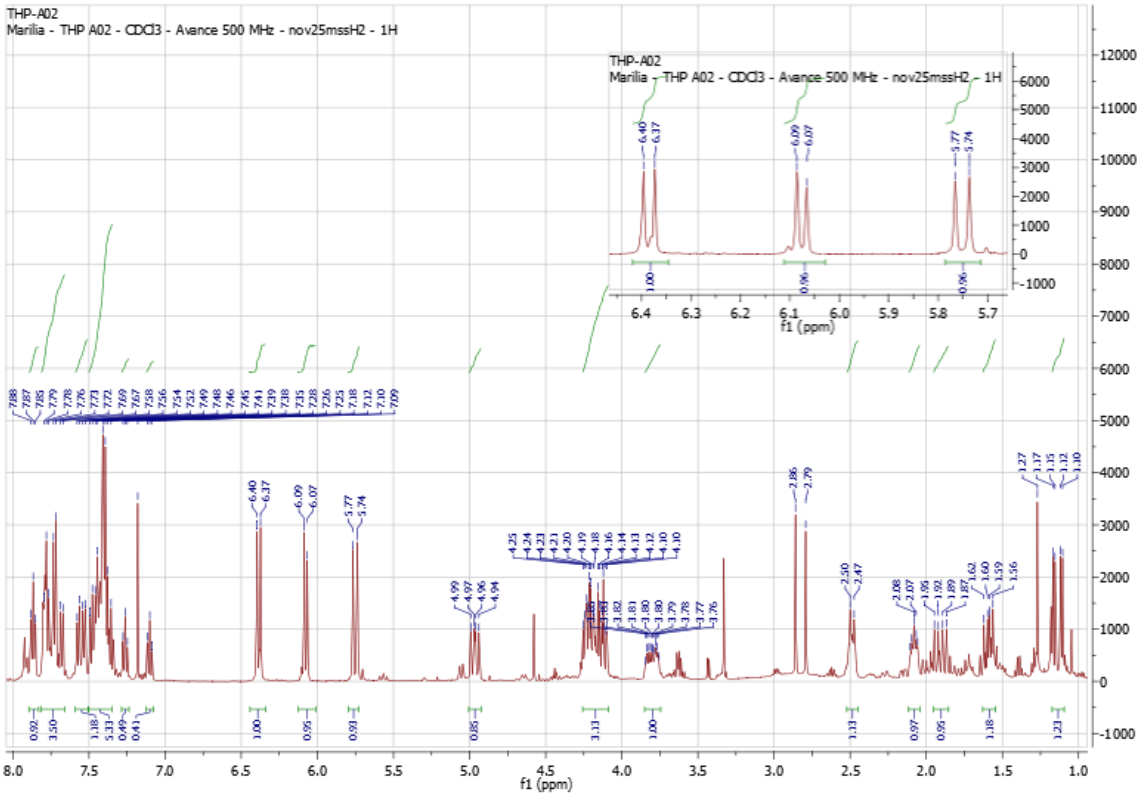

Figure S15. RMN ^{1}H spectrum of adduct **8a**.

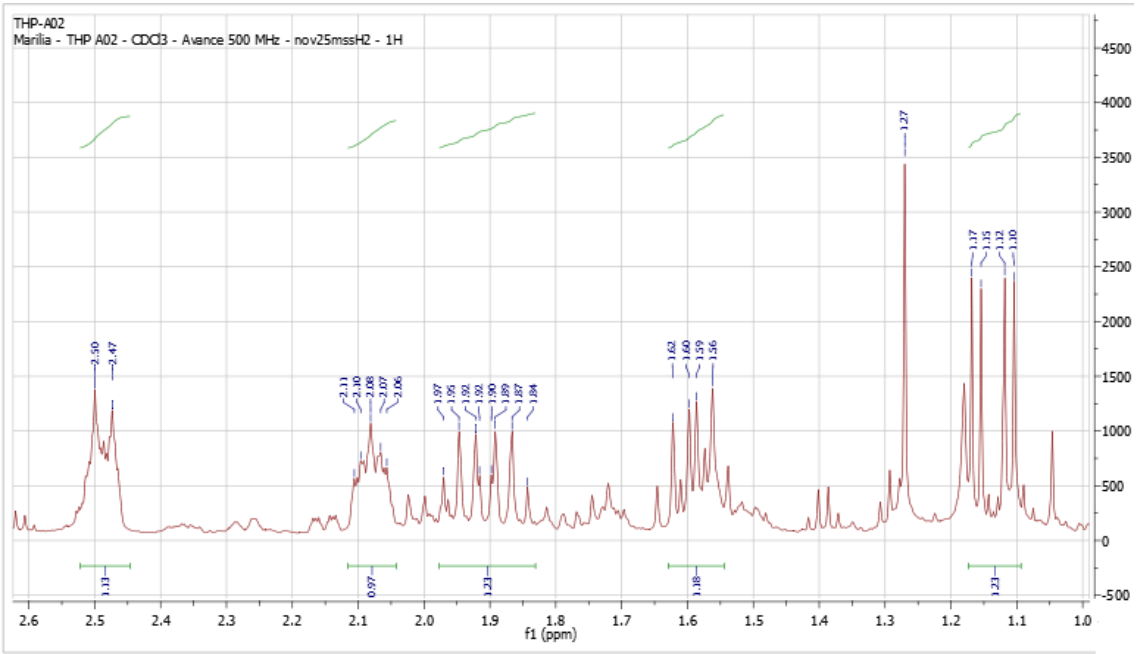

Figure S16. RMN ^{1}H spectrum enlargement of adduct **8a** (1.0 – 2.55ppm).

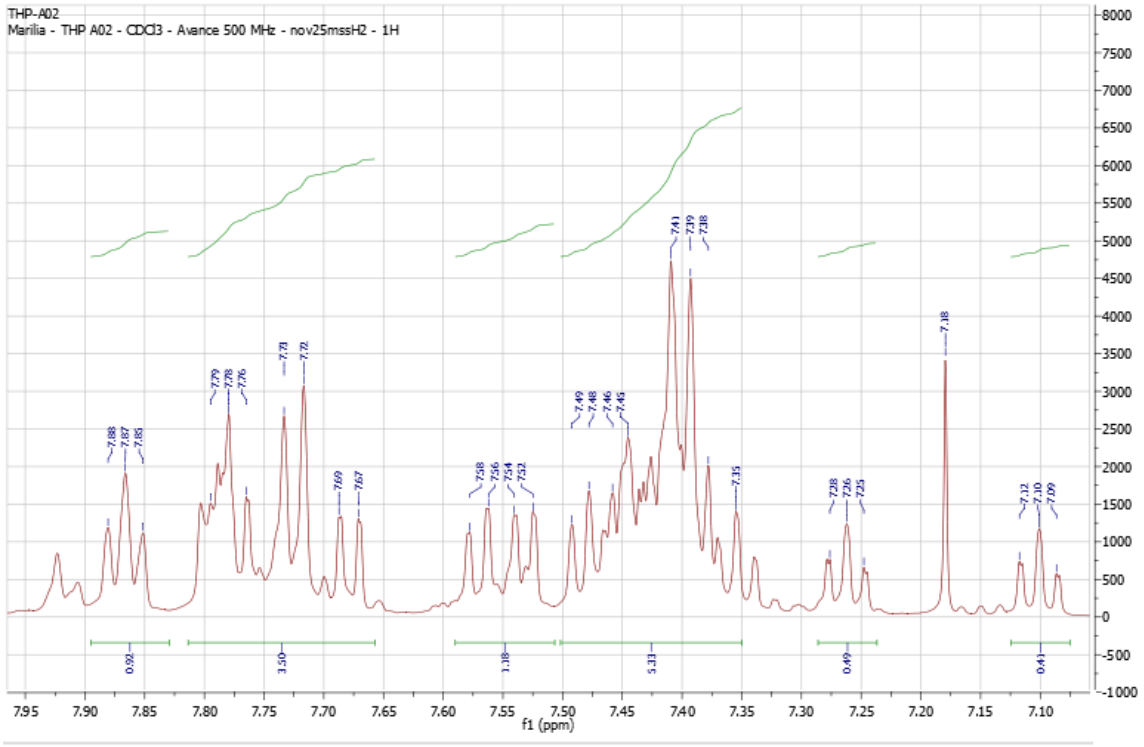

Figure S17. RMN ^{1}H spectrum enlargement of adduct **8a** (7.95 – 7.9ppm).

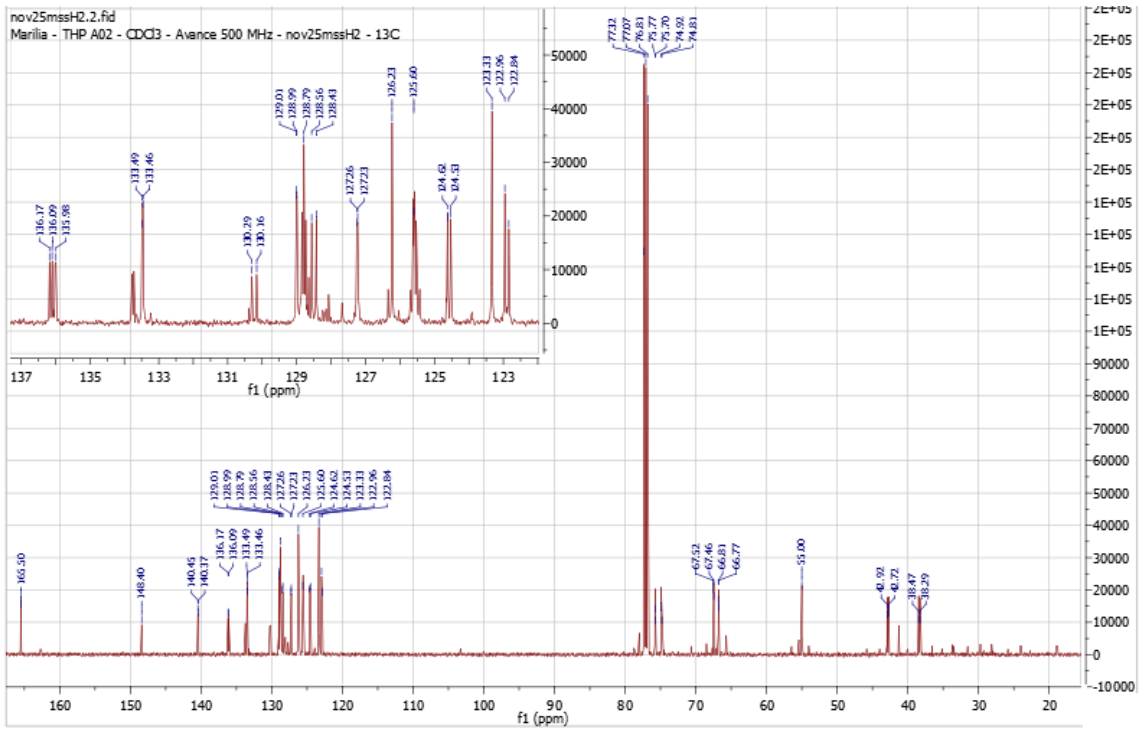

Figure S18. RMN ^{13}C spectrum of adduct **8a**.

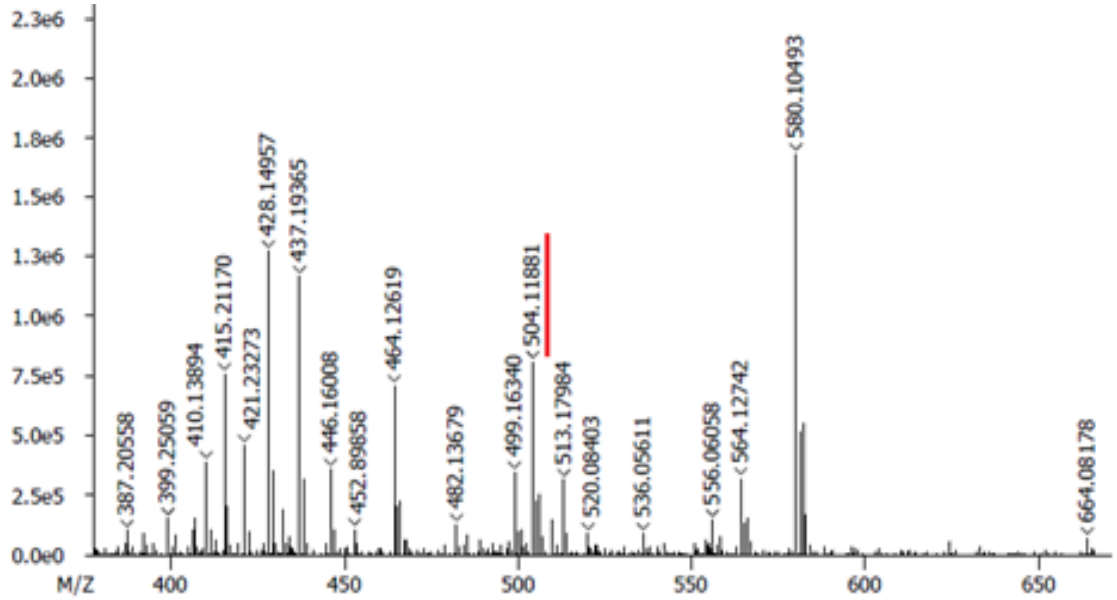

Figure S19. HRMS spectrum of compound **8a**.

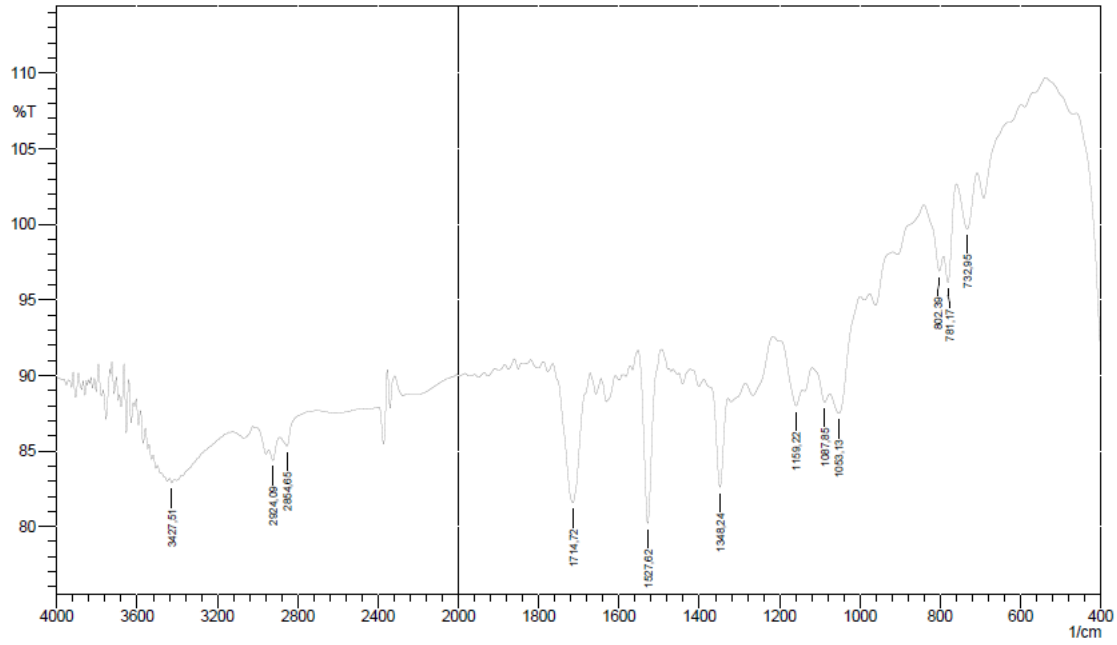

Figure S20. FTIR spectrum of adduct **8b**.

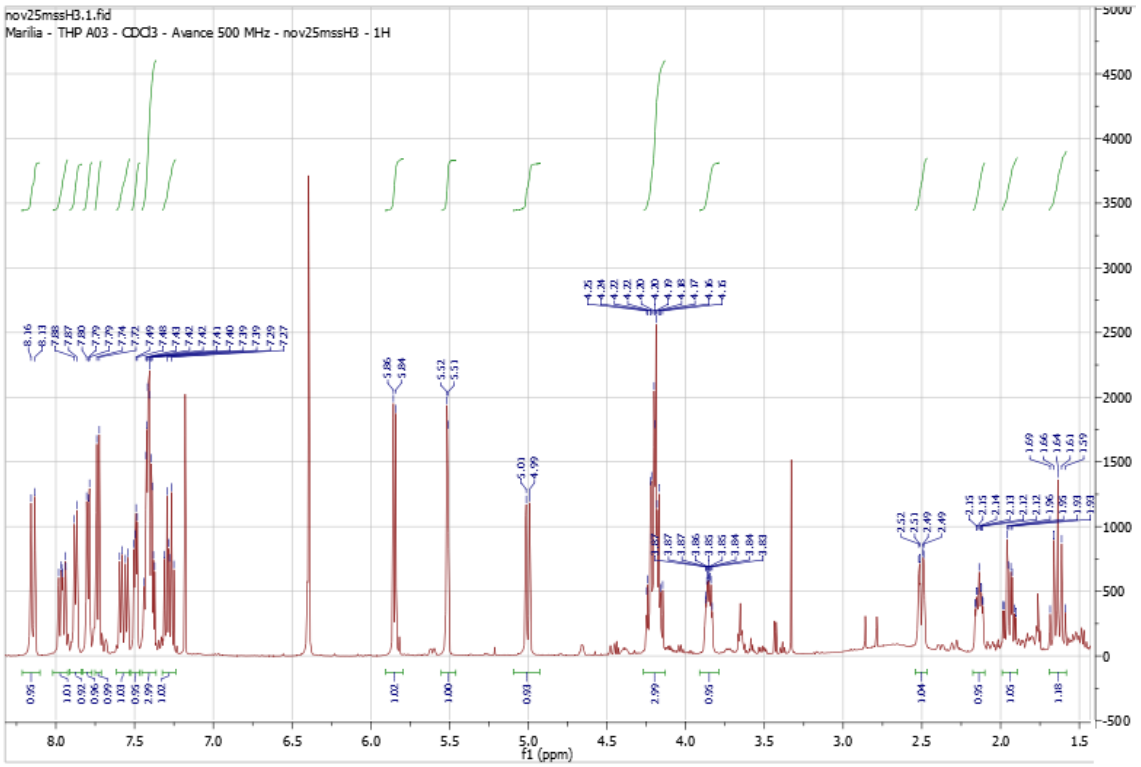

Figure S21. RMN ^{1}H spectrum of adduct **8b**.

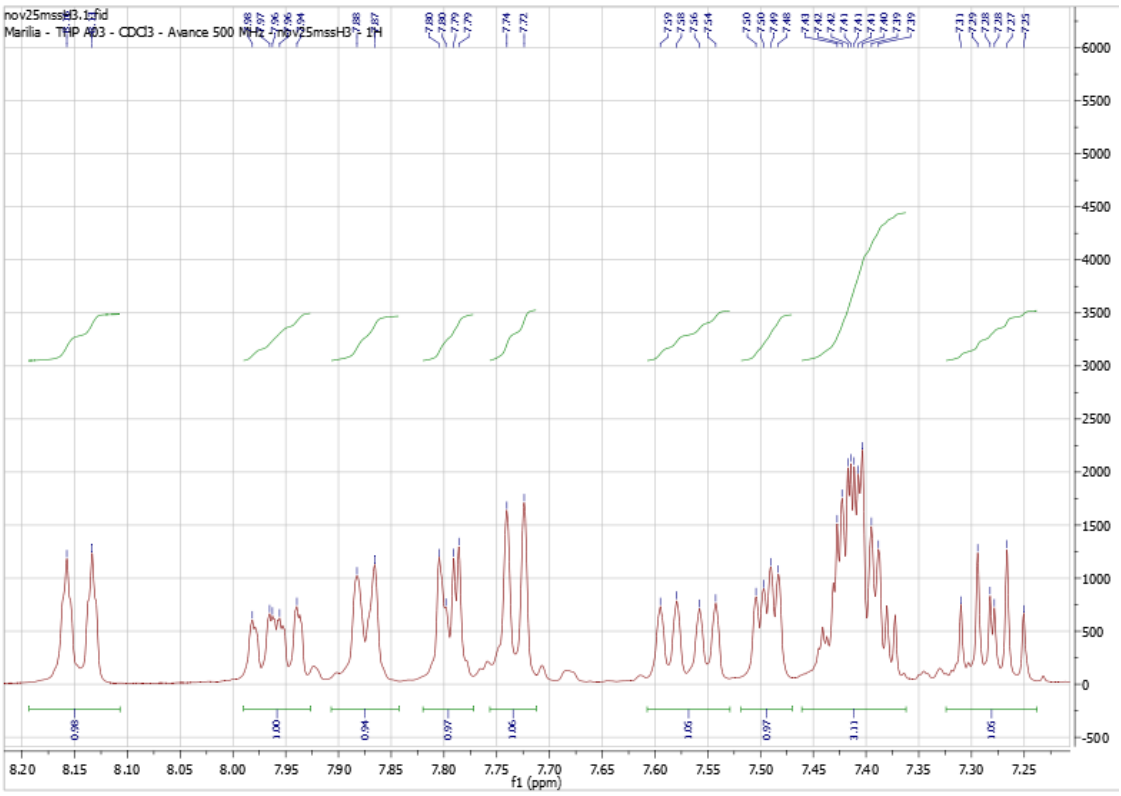

Figure S22. RMN ^{1}H spectrum enlargement of adduct **8b** (7.2 – 8.2ppm).

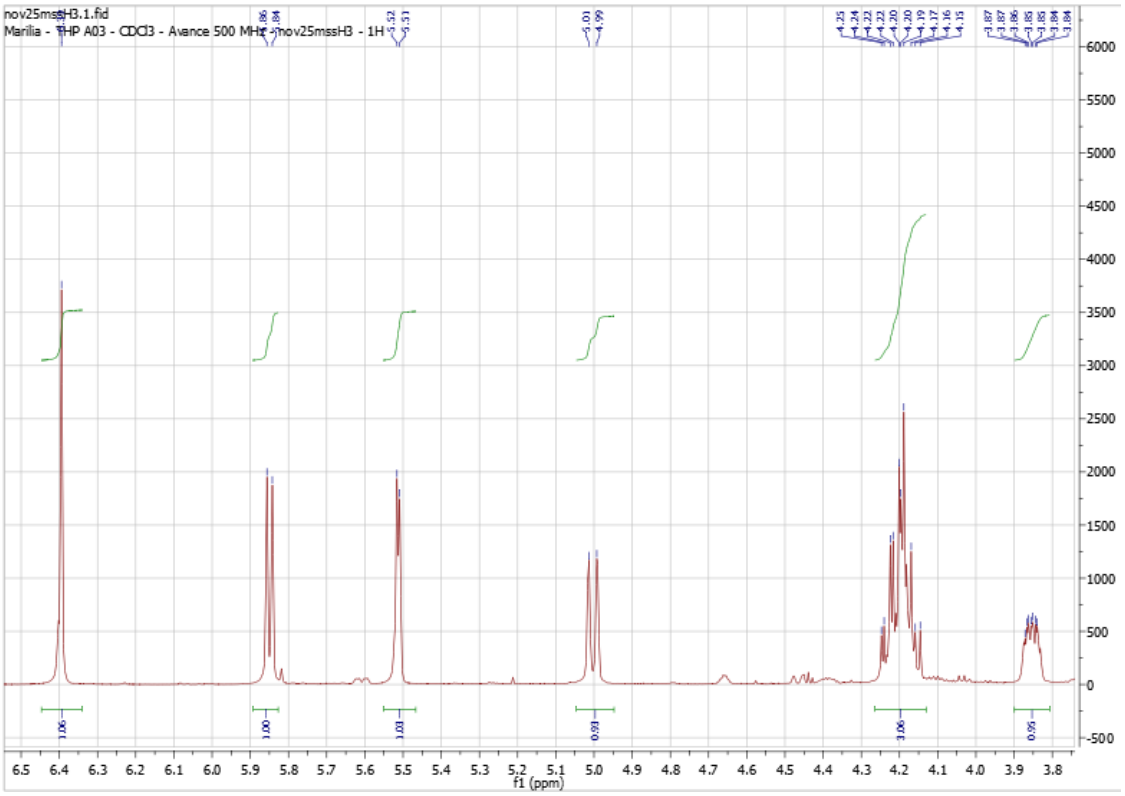

Figure S23. RMN ^{1}H spectrum enlargement of adduct **8b** (3.8 – 6.5ppm).

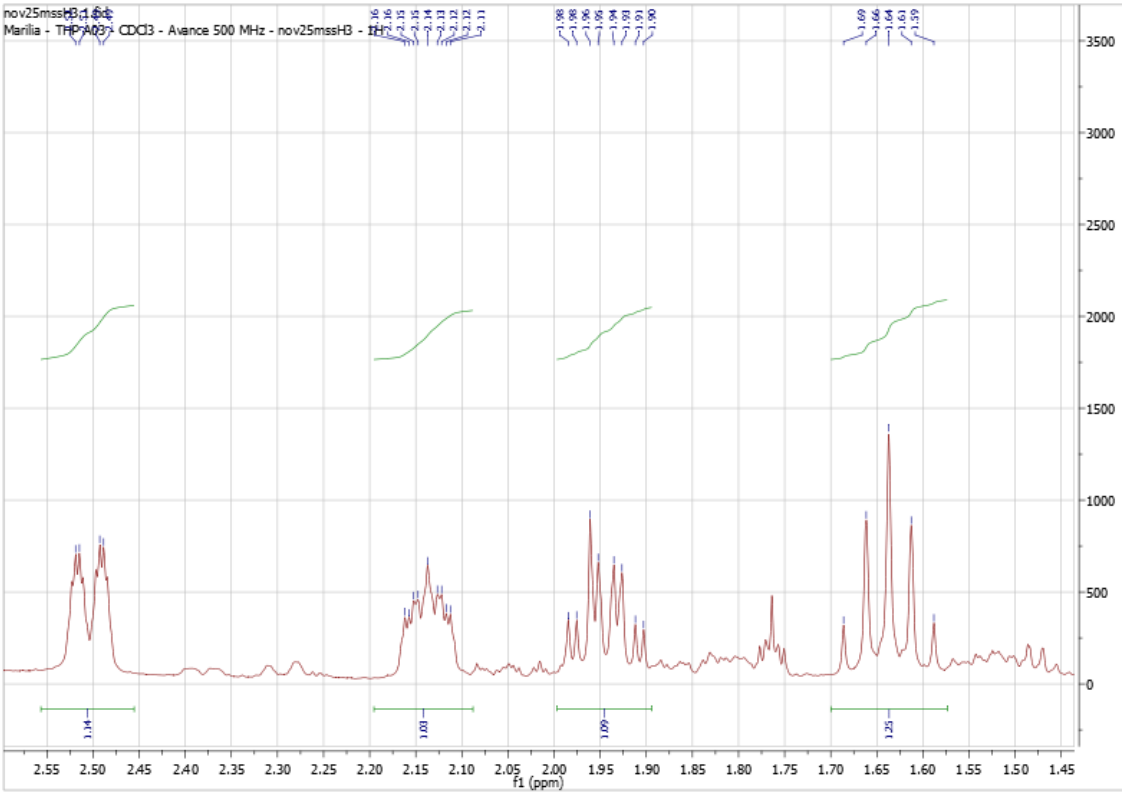

Figure S24. RMN ^{1}H spectrum enlargement of adduct **8b** (1.5 – 2.6ppm).

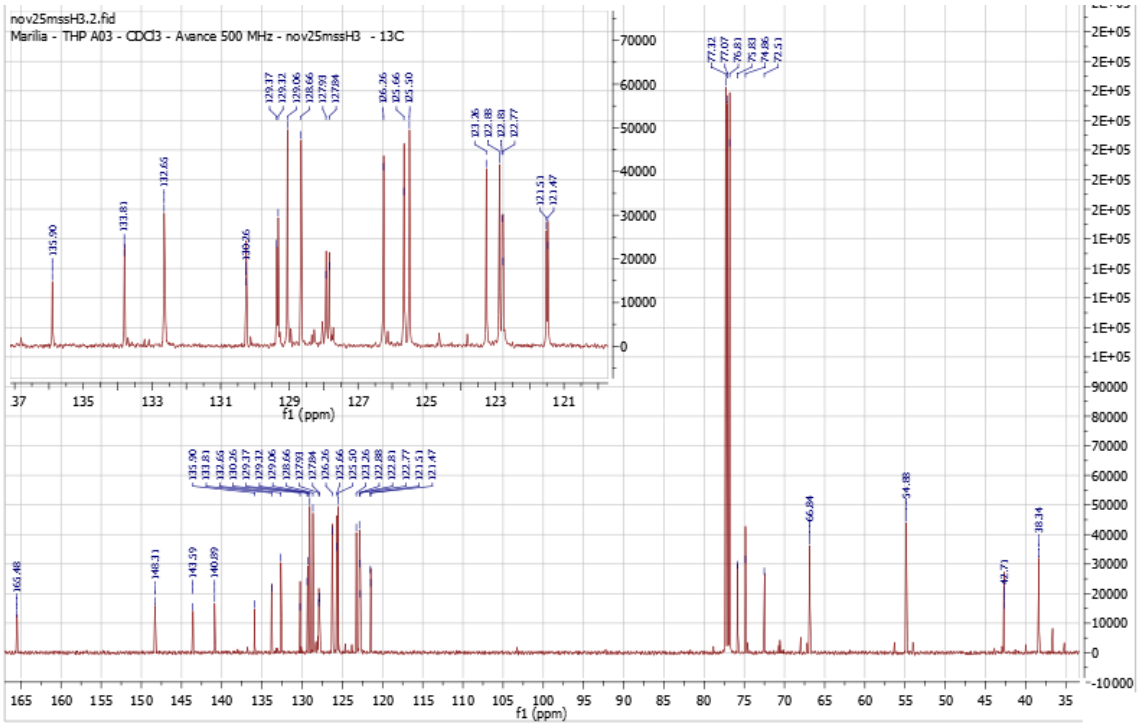

Figure S25. RMN ^{13}C spectrum of adduct **8b**.

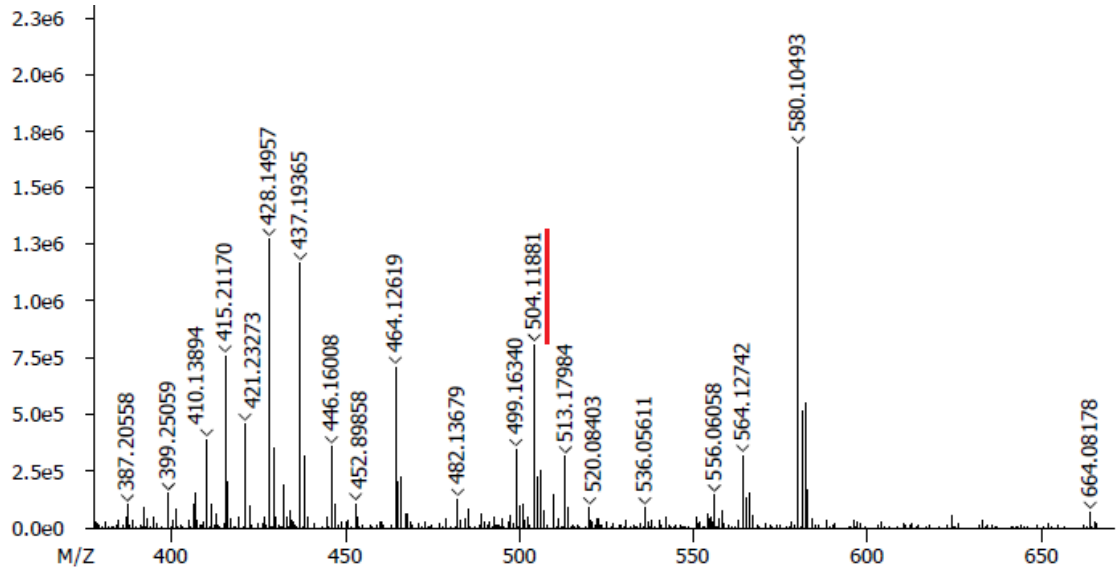

Figure S26. HRMS spectrum of compound **8b**.

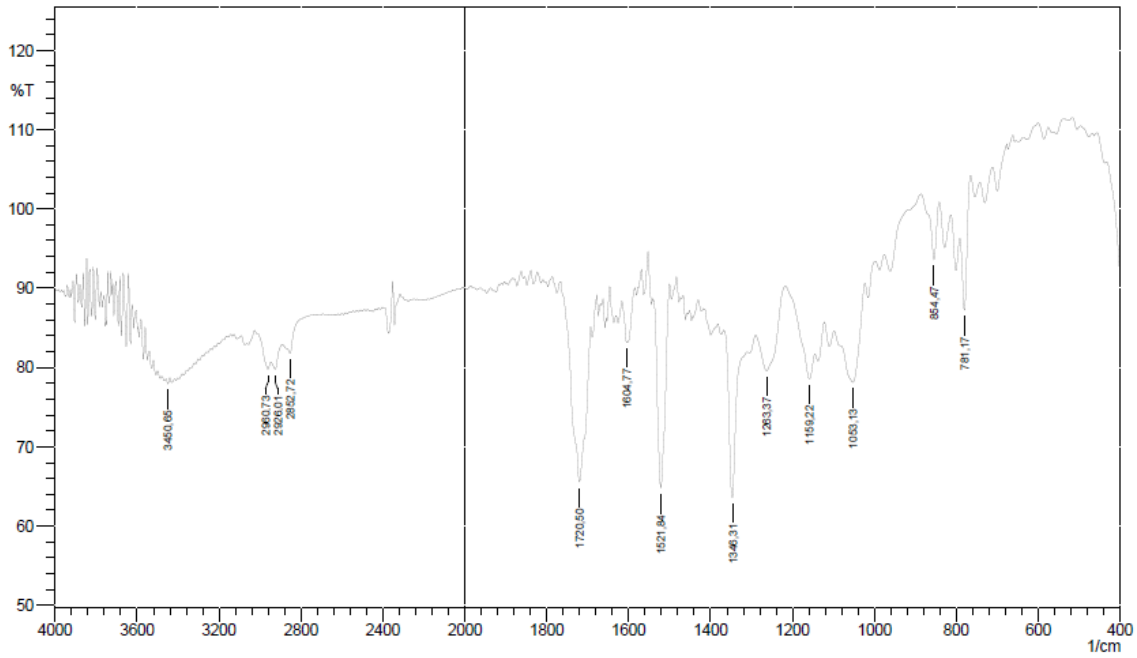

Figure S27. FTIR spectrum of adduct **8c**.

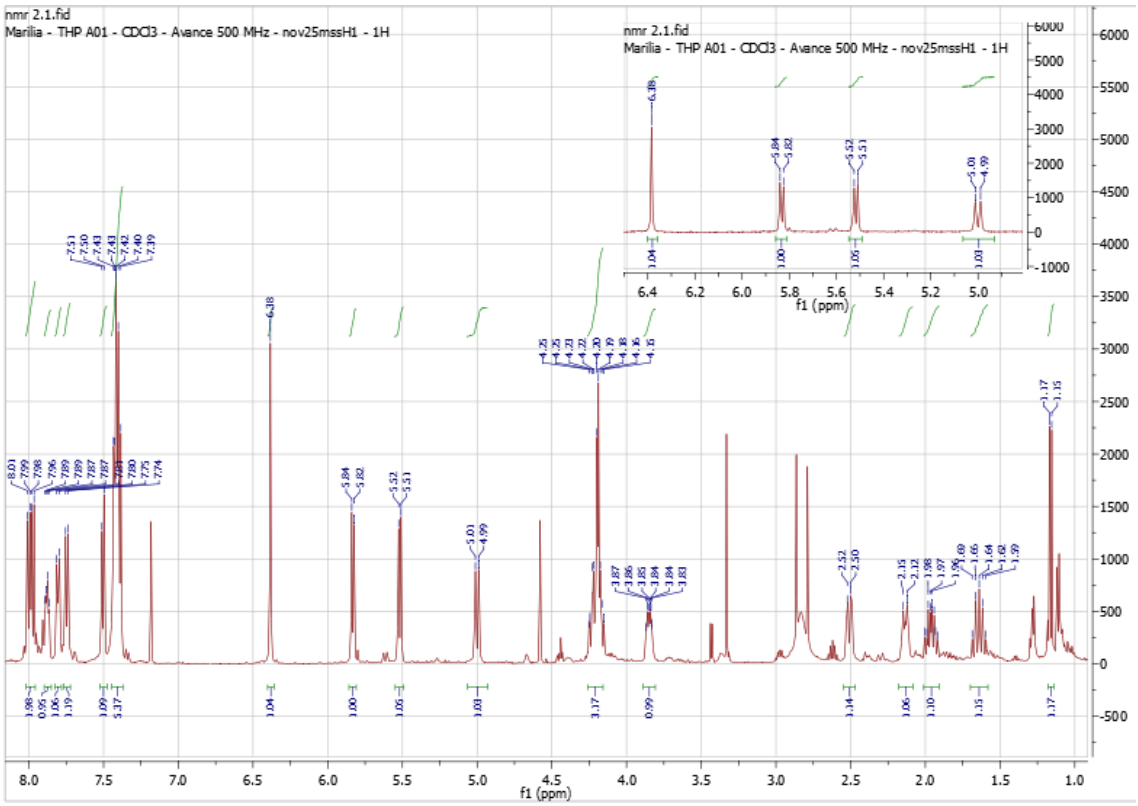

Figure S28. RMN ^{1}H spectrum of adduct **8c**.

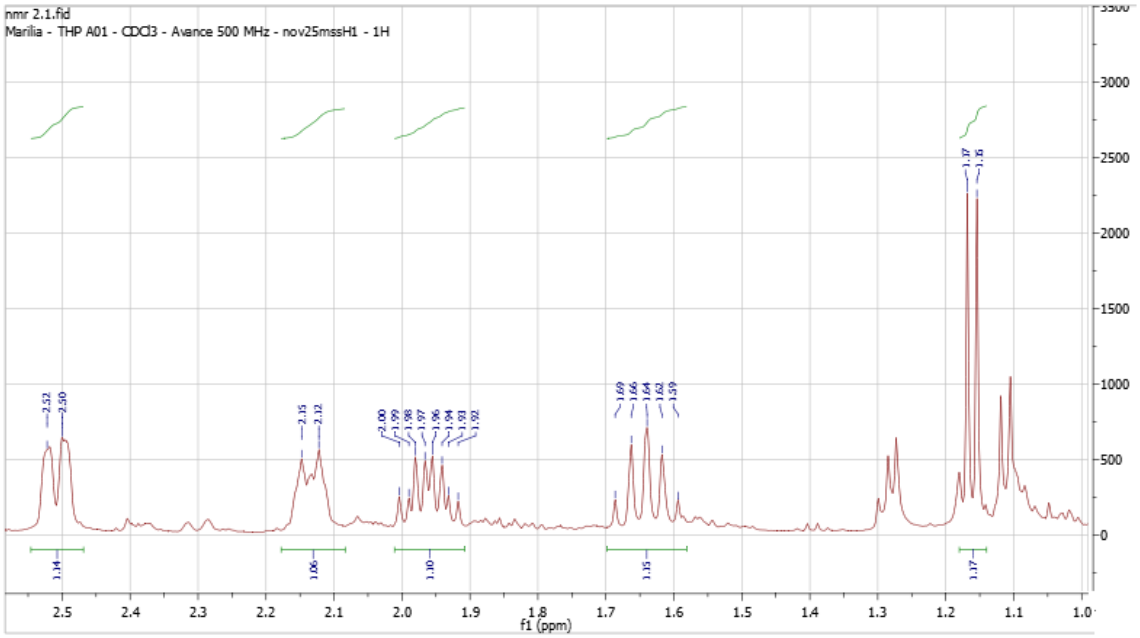

Figure S29. RMN ^{1}H spectrum enlargement of adduct **8c** (1.0 – 2.55ppm).

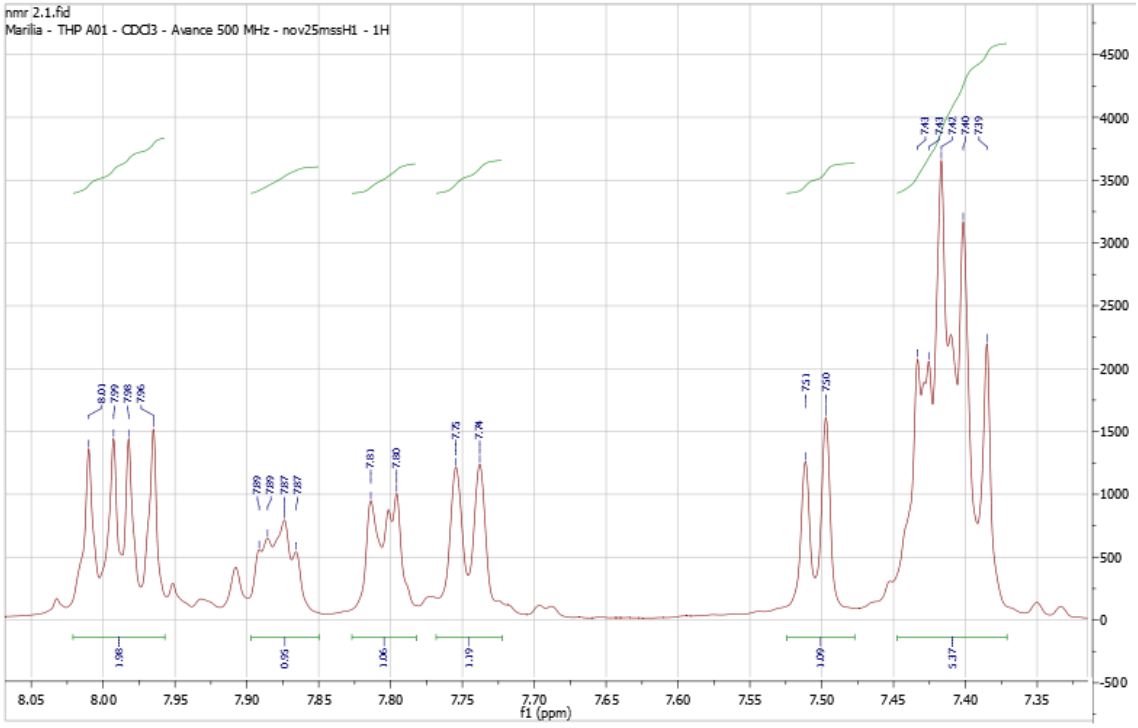

Figure S30. RMN ^{1}H spectrum enlargement of adduct **8c** (7.35 – 8.05ppm).

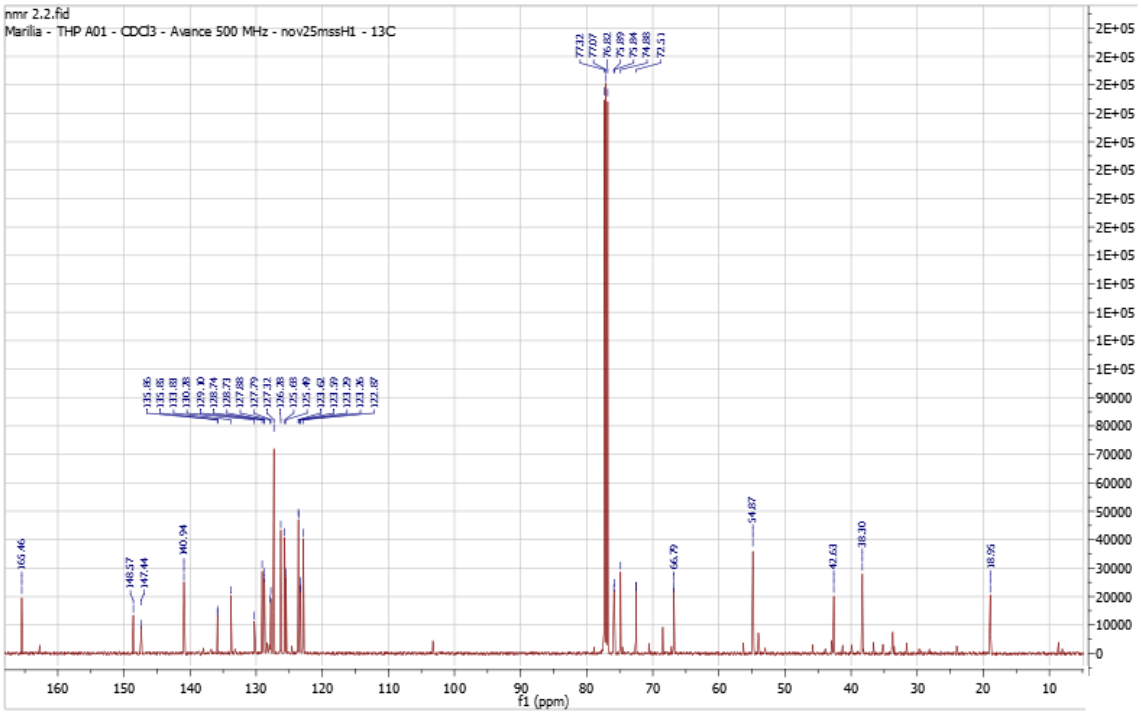

Figure S31. RMN ^{13}C spectrum of adduct **8c**.

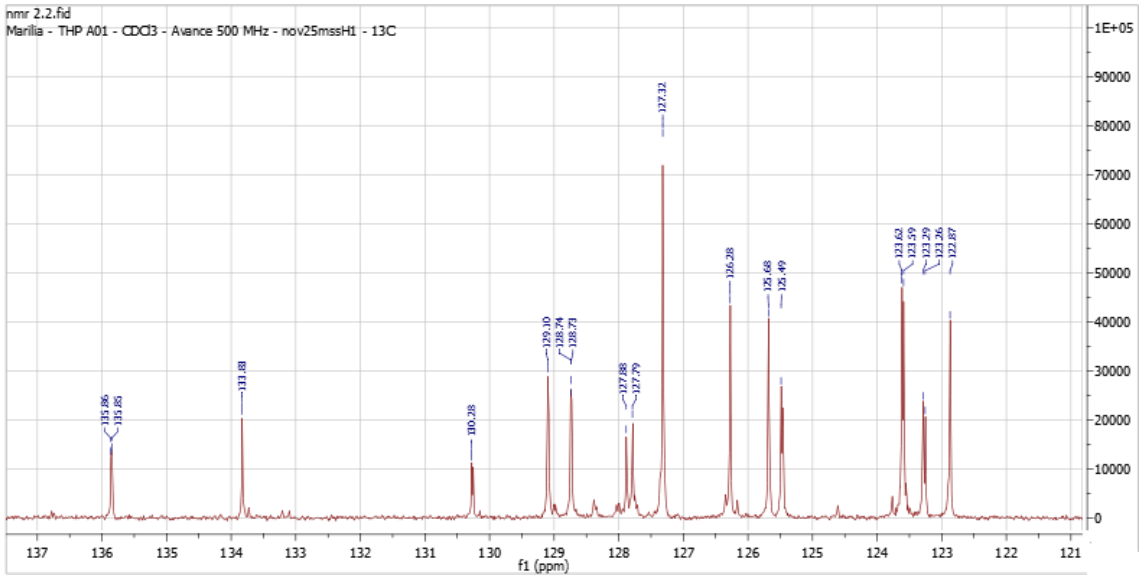

Figure S32. RMN ^{13}C spectrum enlargement of adduct **8c** (122 – 136ppm).

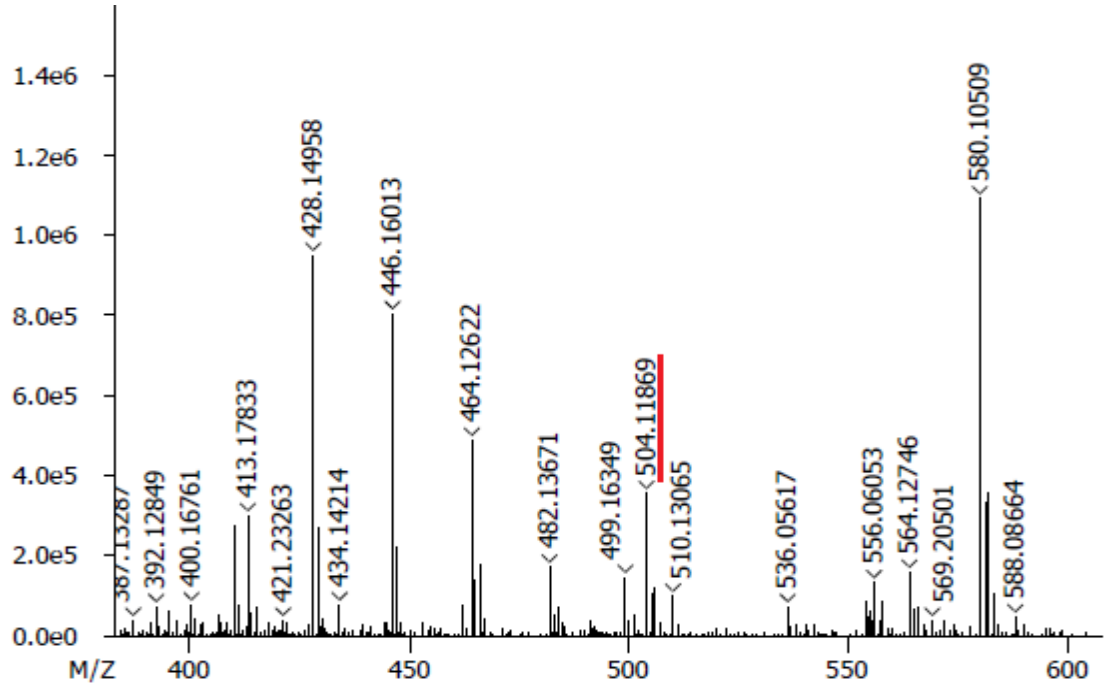

Figure S33. HRMS spectrum of compound **8c**.

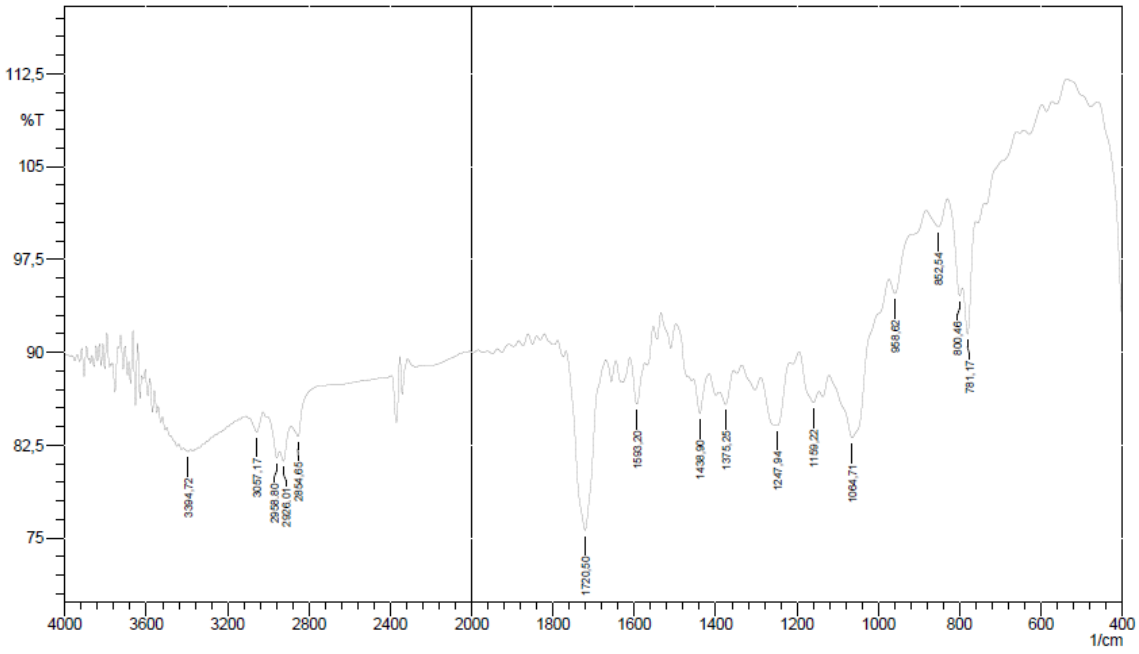

Figure S34. FTIR spectrum of adduct **8d**.

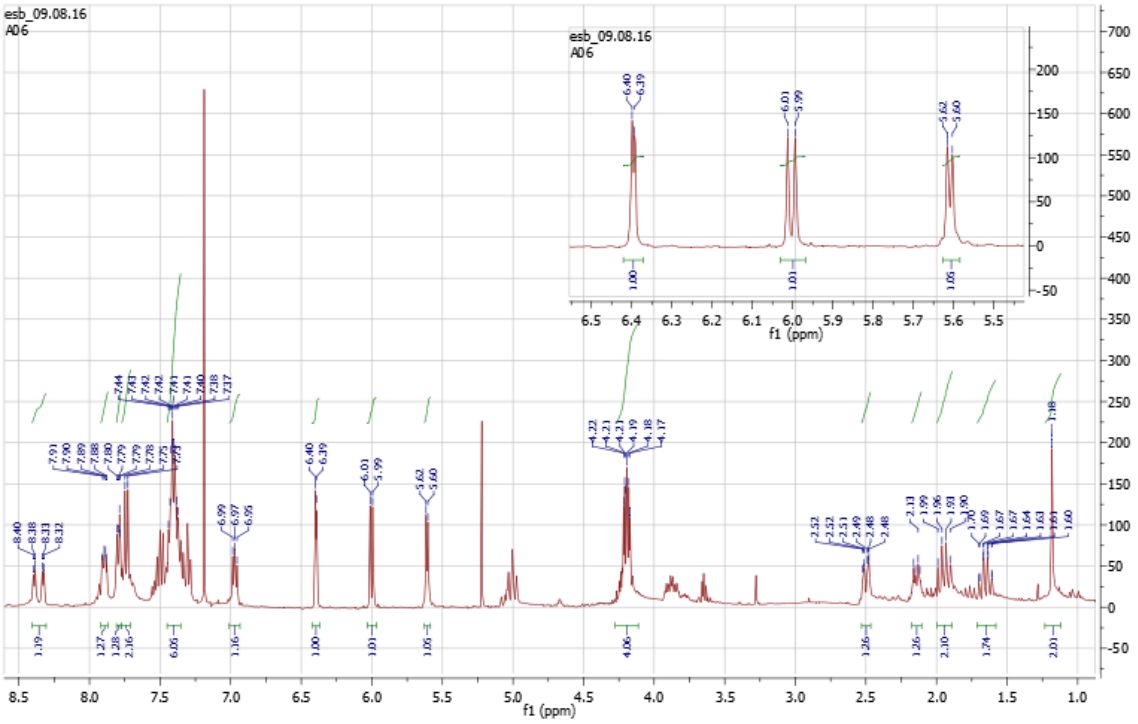

Figure S35. RMN ^{1}H spectrum of adduct **8d**.

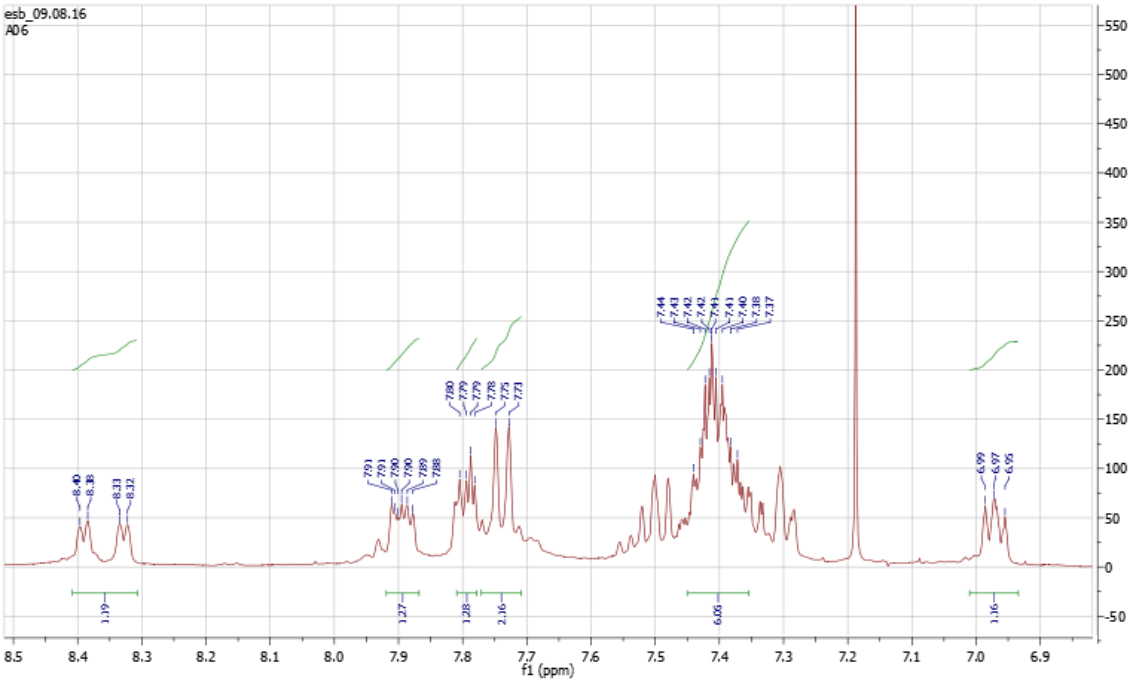

Figure S36. RMN ^{1}H spectrum enlargement of adduct **8d** (6.9 – 8.45ppm)

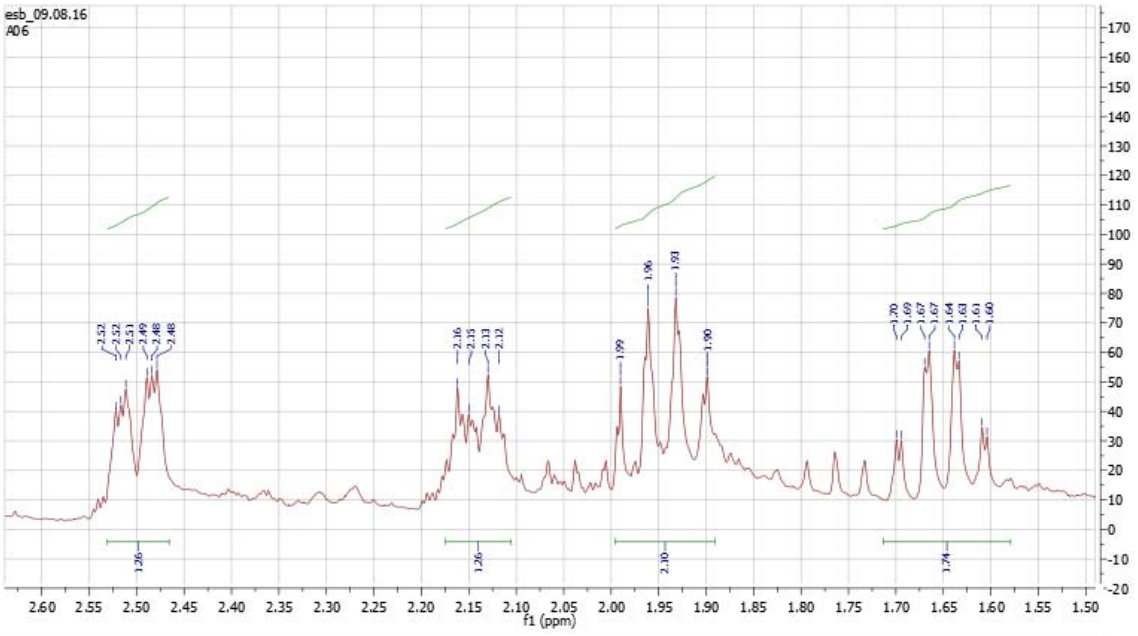

Figure S37. RMN ^{1}H specrum enlargement of adduct **8d** (1.55 – 2.55ppm).

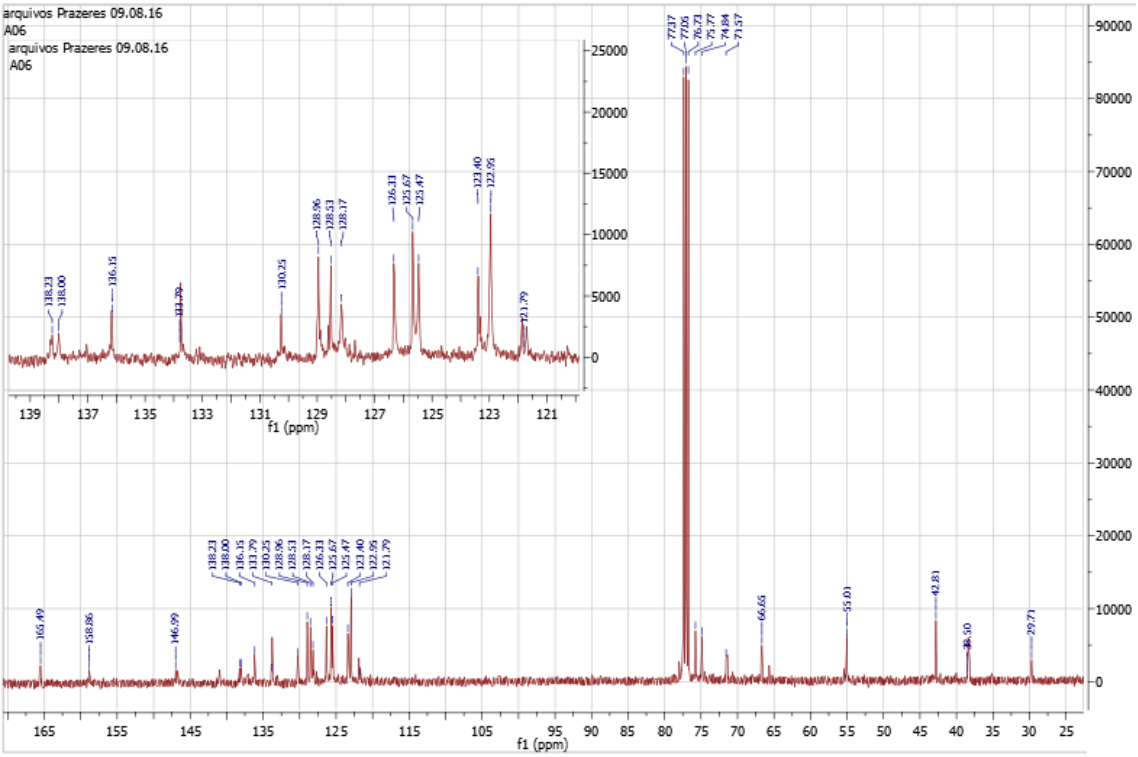

Figure S38. RMN ^{13}C spectrum of adduct **8d**.

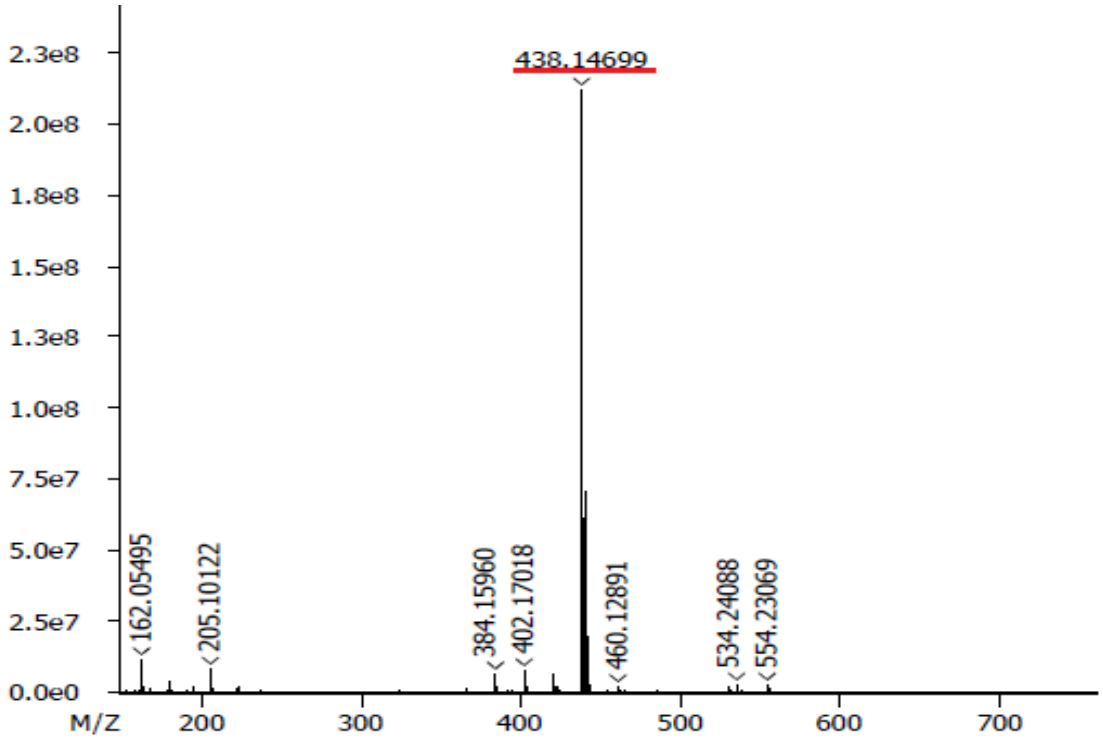

Figure S39. HRMS spectrum of compound **8d**.

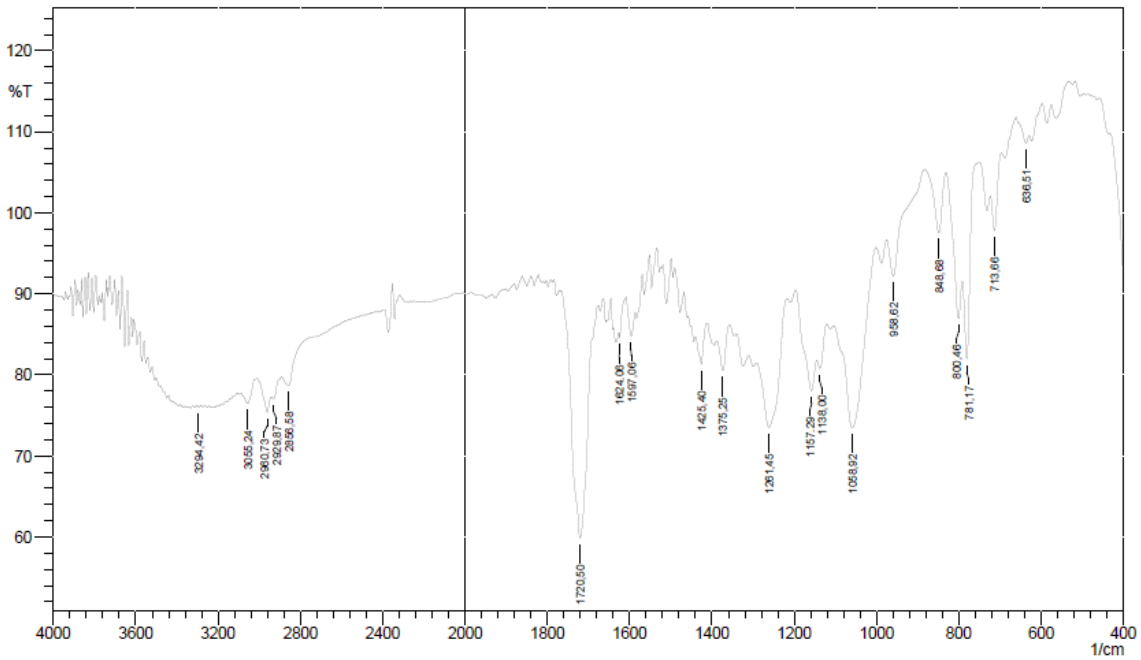

Figure S40. FTIR spectrum of adduct **8e**.

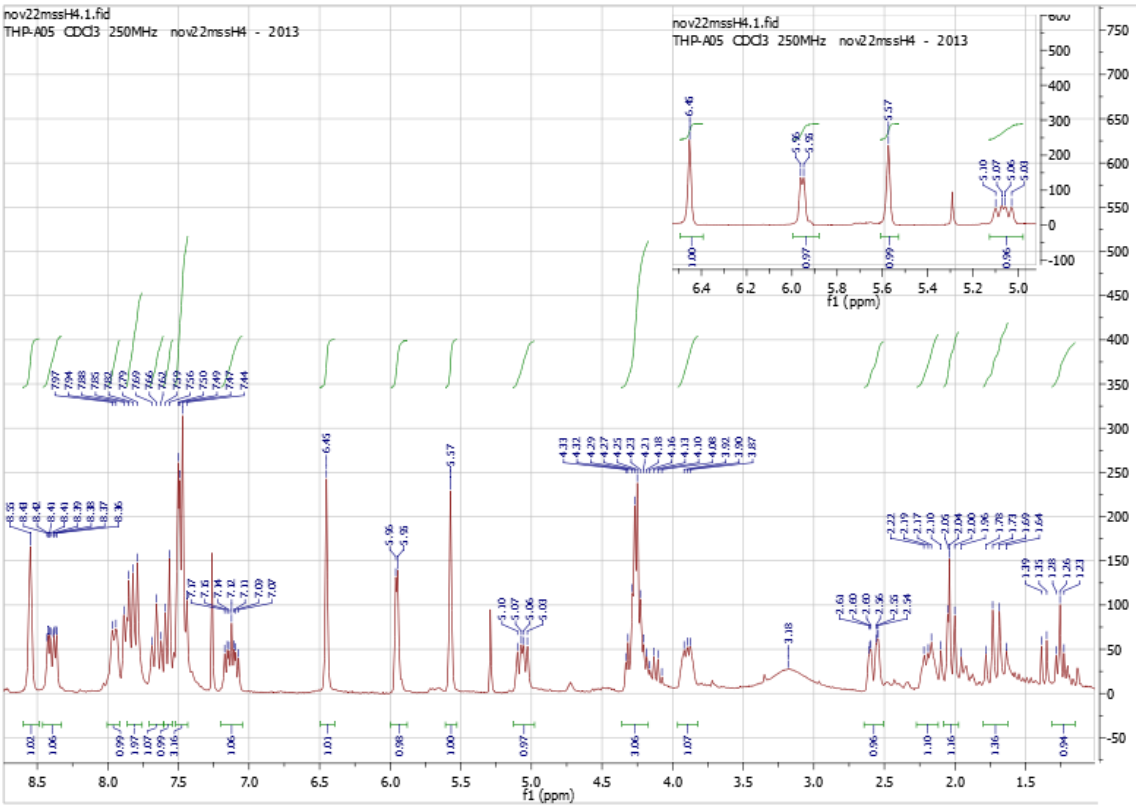

Figure S41. RMN ^{1}H spectrum of adduct **8e**.

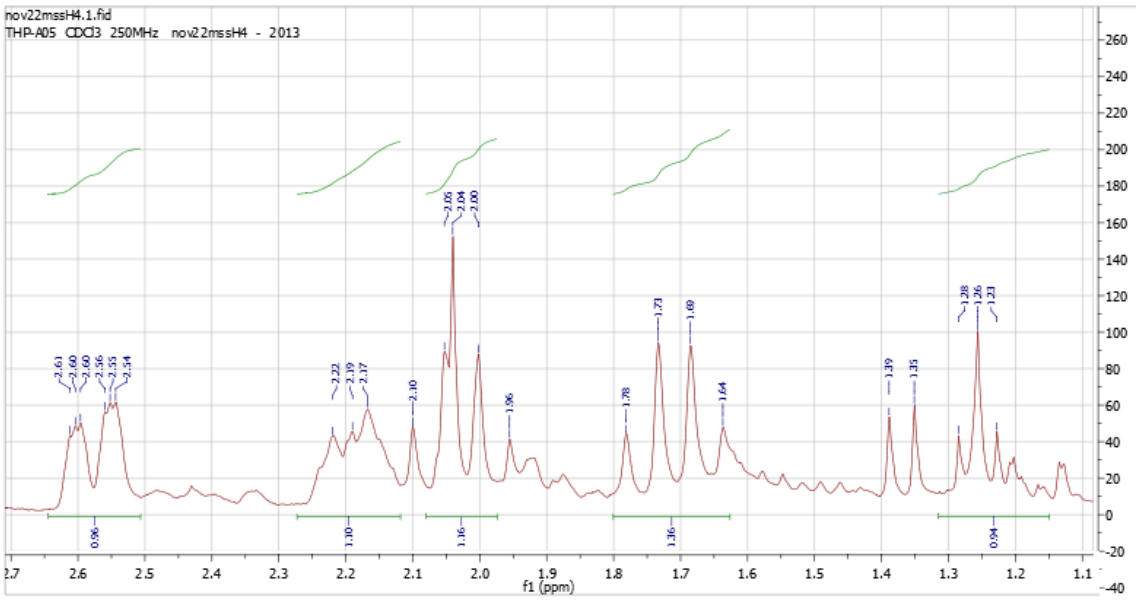

Figure S42. RMN ^{1}H spectrum enlargement of adduct **8e** (1.1 – 2.65ppm).

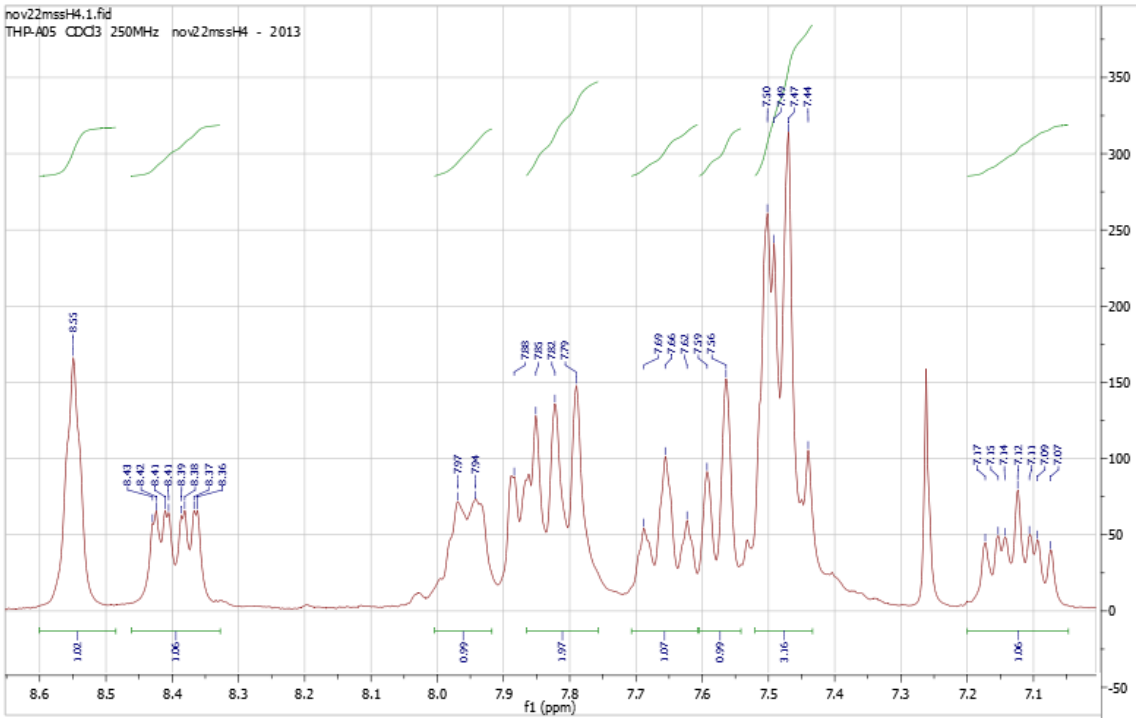

Figure S43. RMN ^{1}H spectrum enlargement of adduct **8e** (7.0 – 8.6ppm).

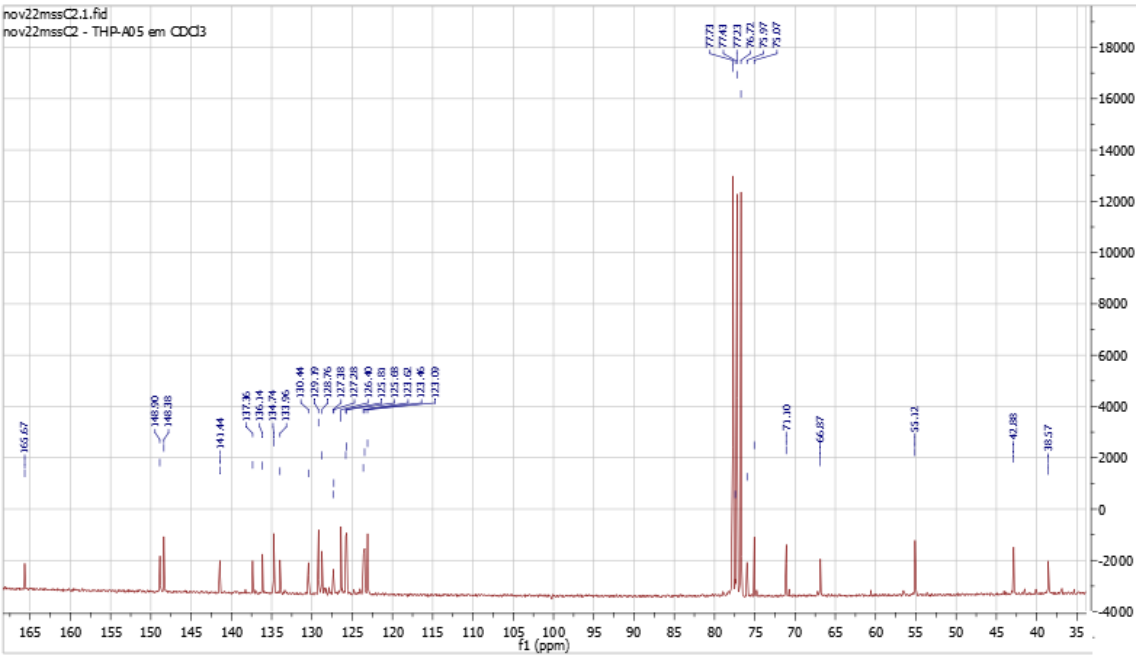

Figure S44. RMN ^{13}C spectrum of adduct **8e**.

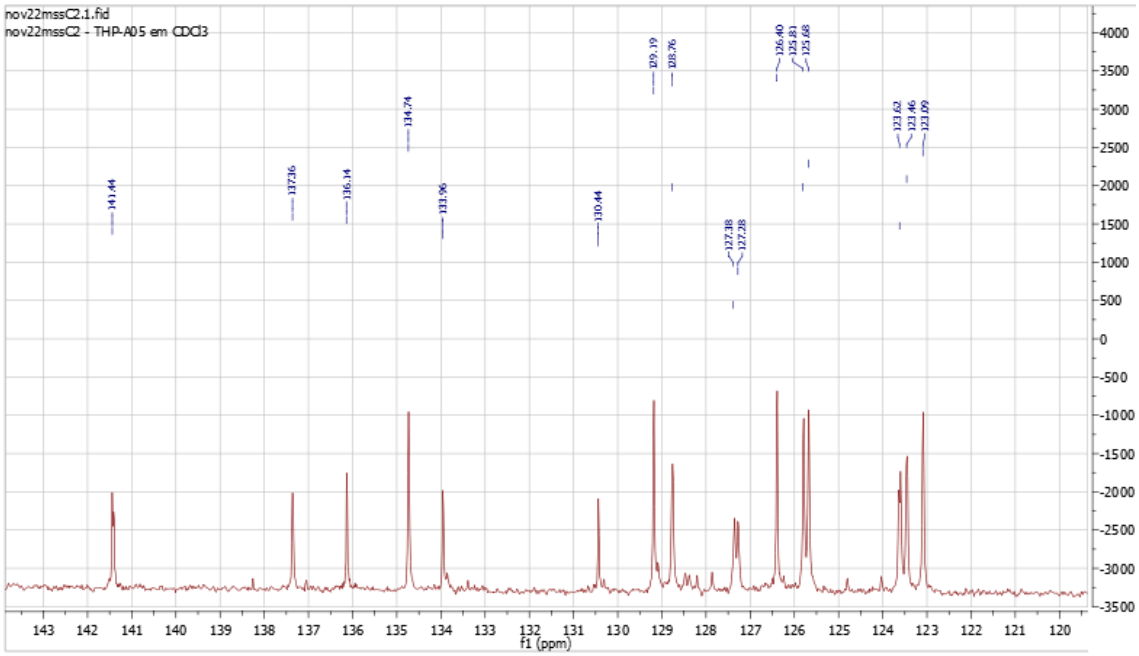

Figure S45. RMN ^{13}C spectrum enlargement of adduct **8e** (122 – 142ppm).

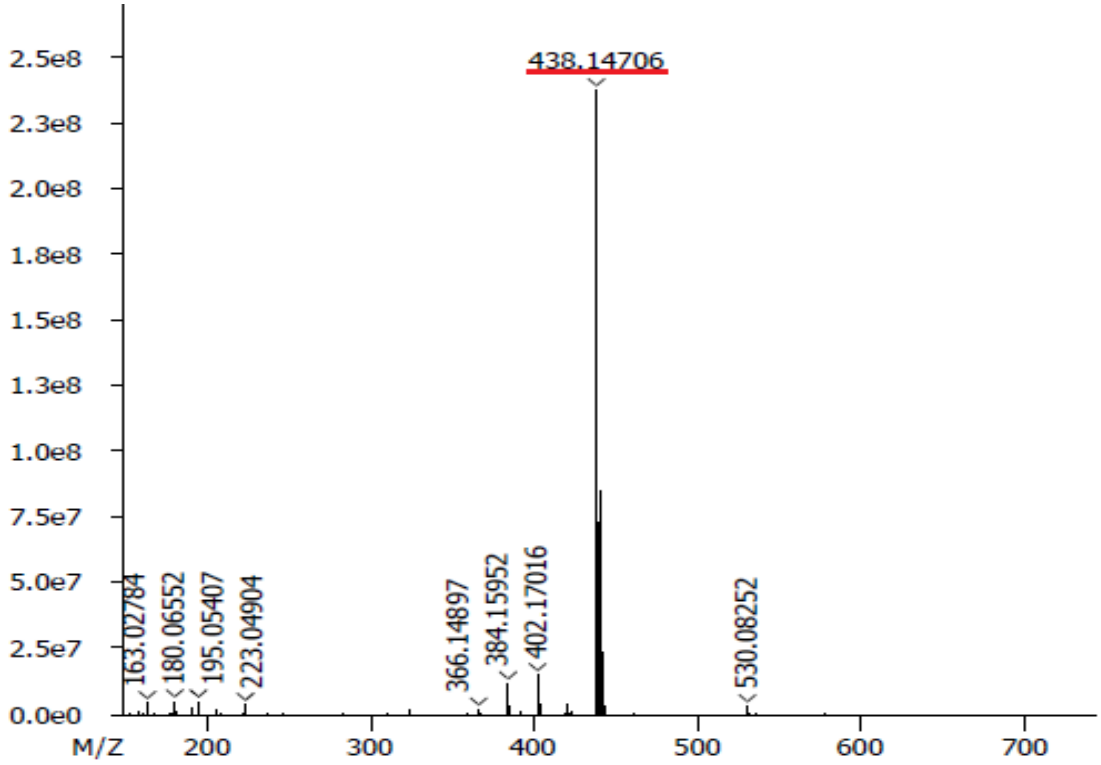

Figure S46. HRMS spectrum of compound **8e**.

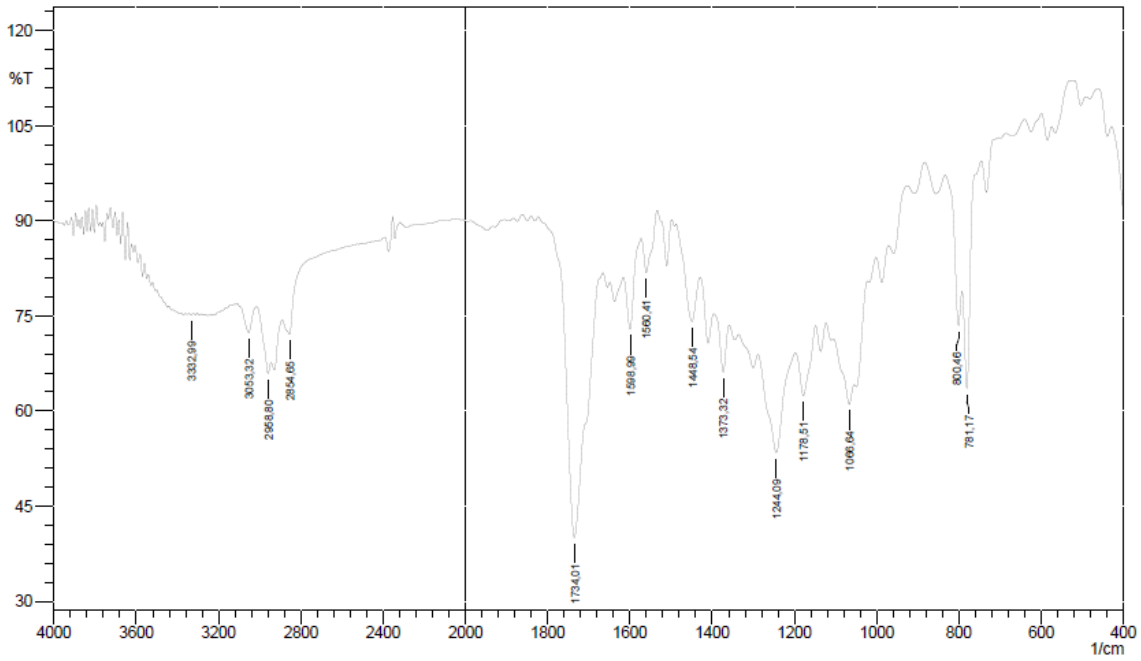

Figure S47. FTIR spectrum of adduct **8f**.

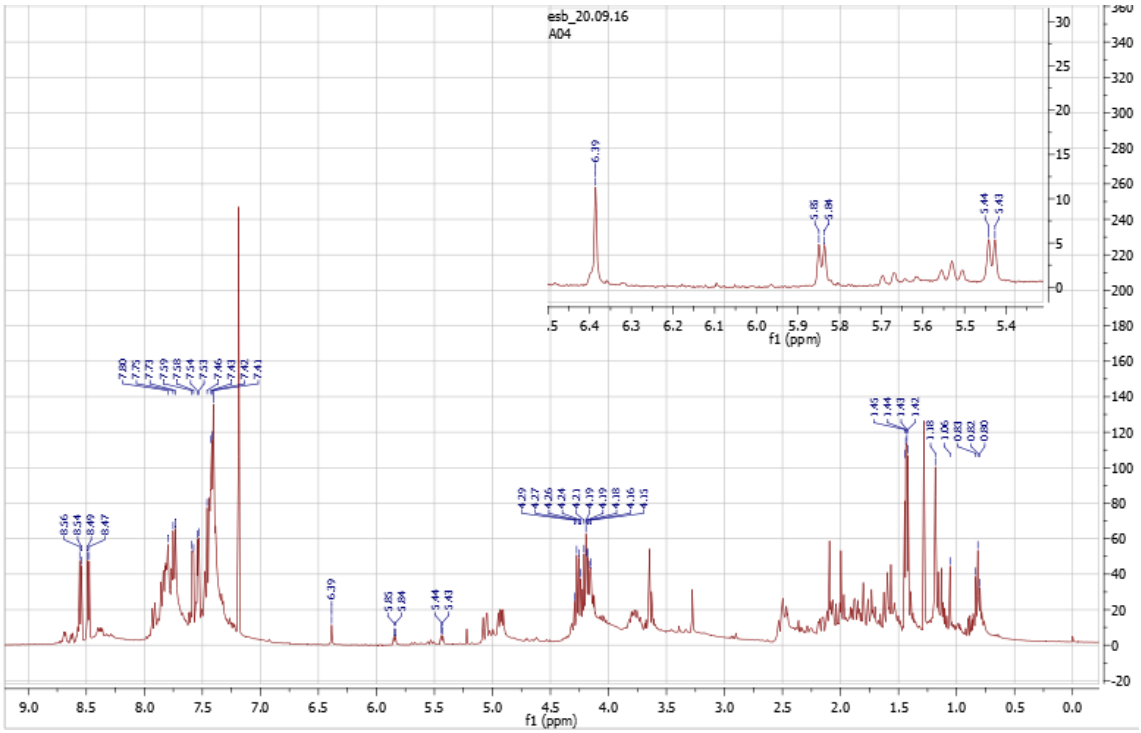

Figure S48. RMN ^{1}H Spectrum of adduct **8f**.

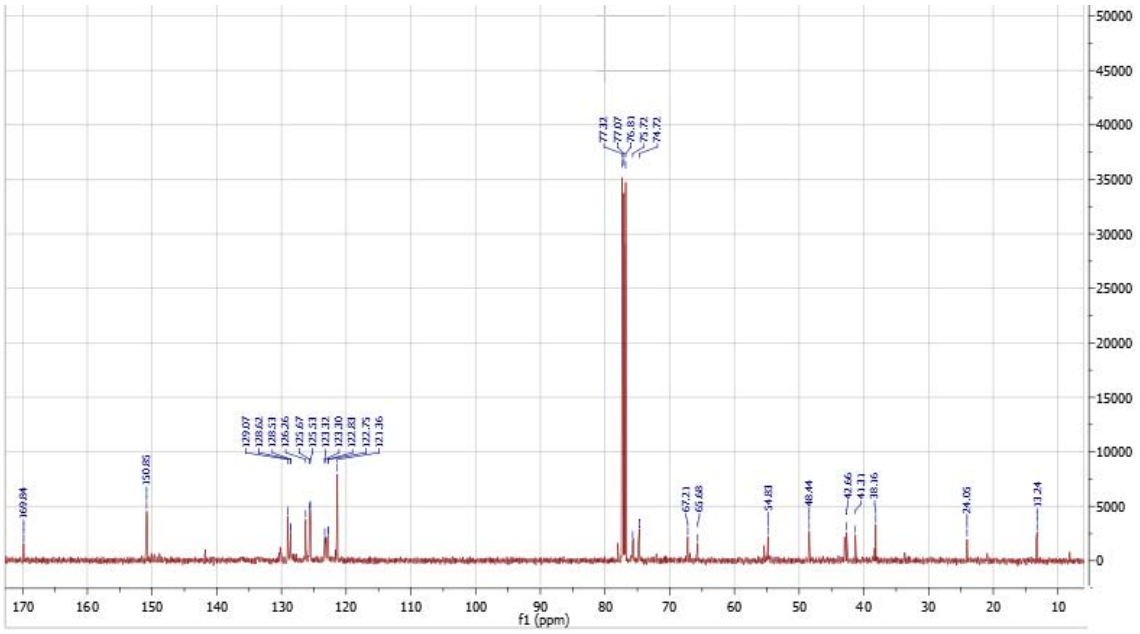

Figure S49. RMN ^{13}C spectrum of adduct **8f**.

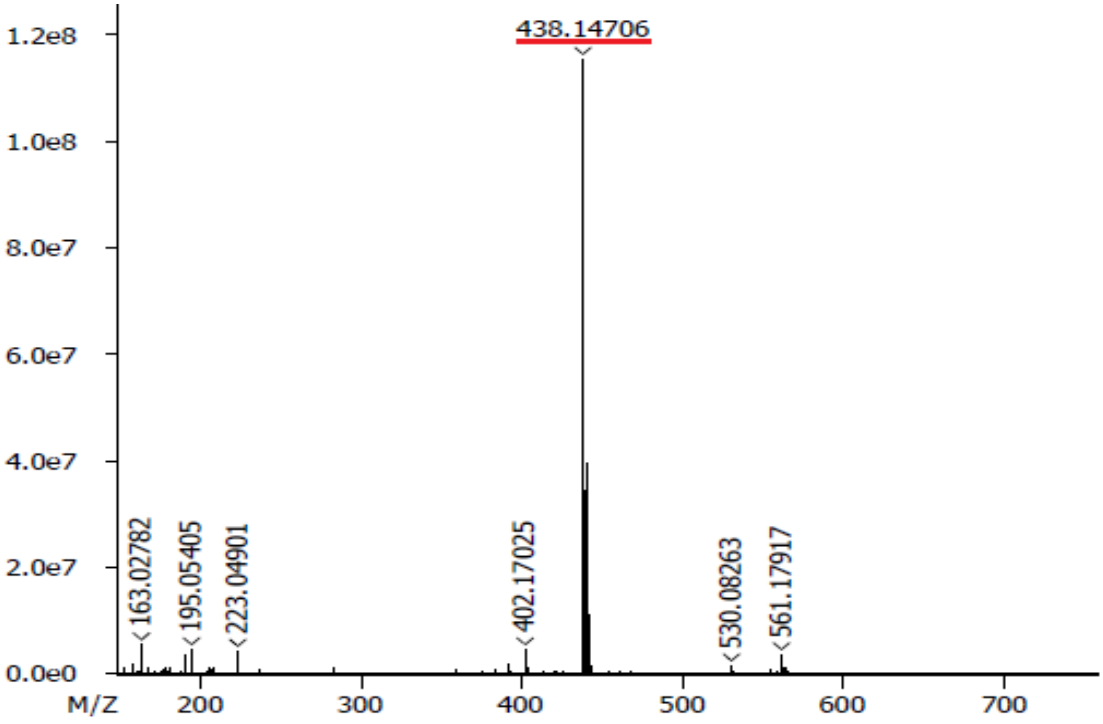

Figure S50. HRMS spectrum of compound **8f**.

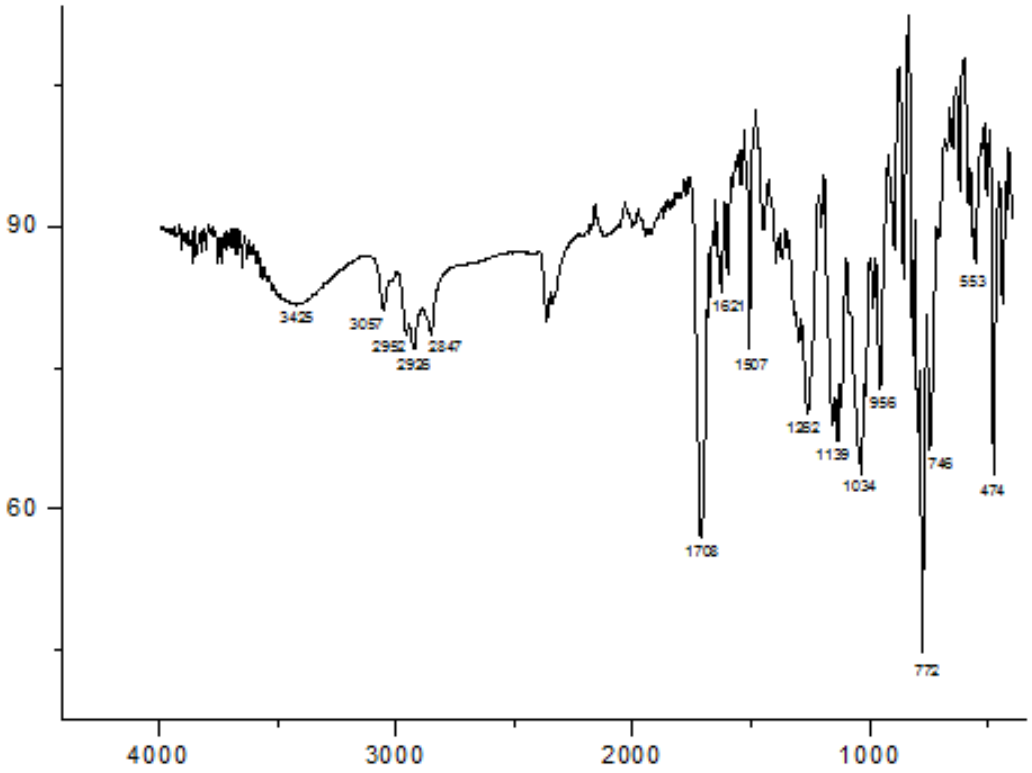

Figure S51. FTIR spectrum of adduct **8g**.

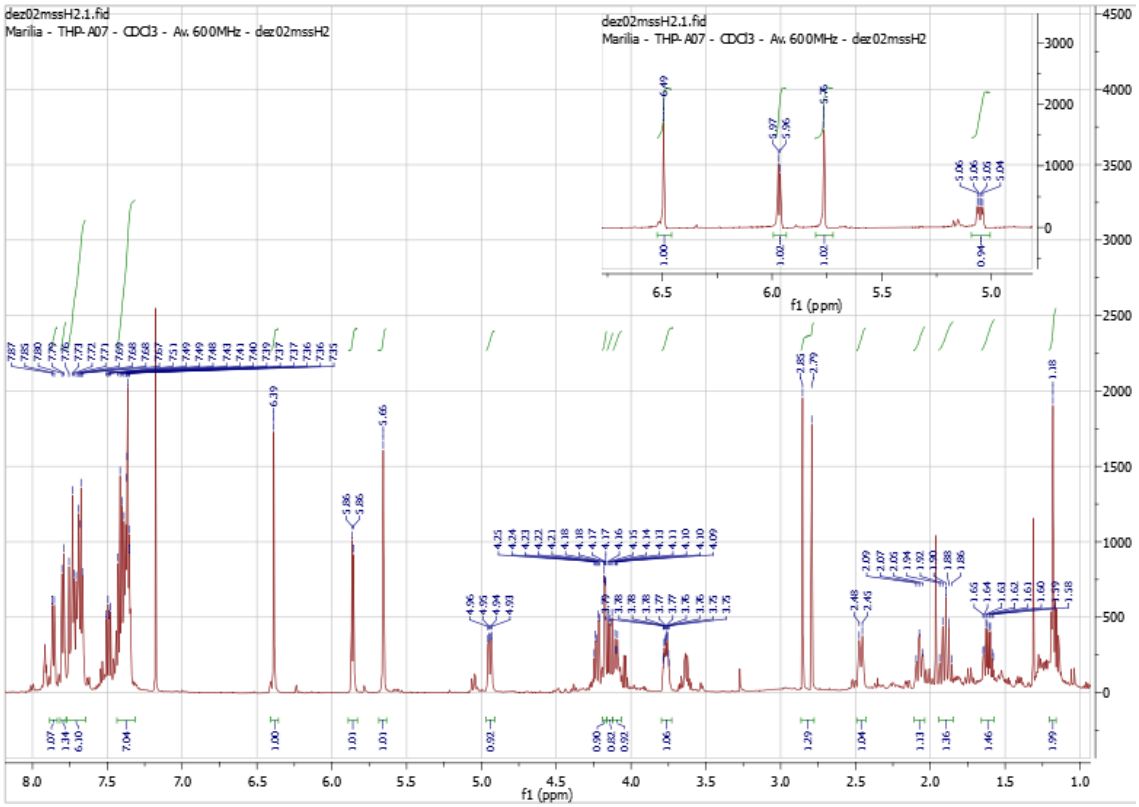

Figure S52. RMN ^{1}H spectrum of adduct **8g**.

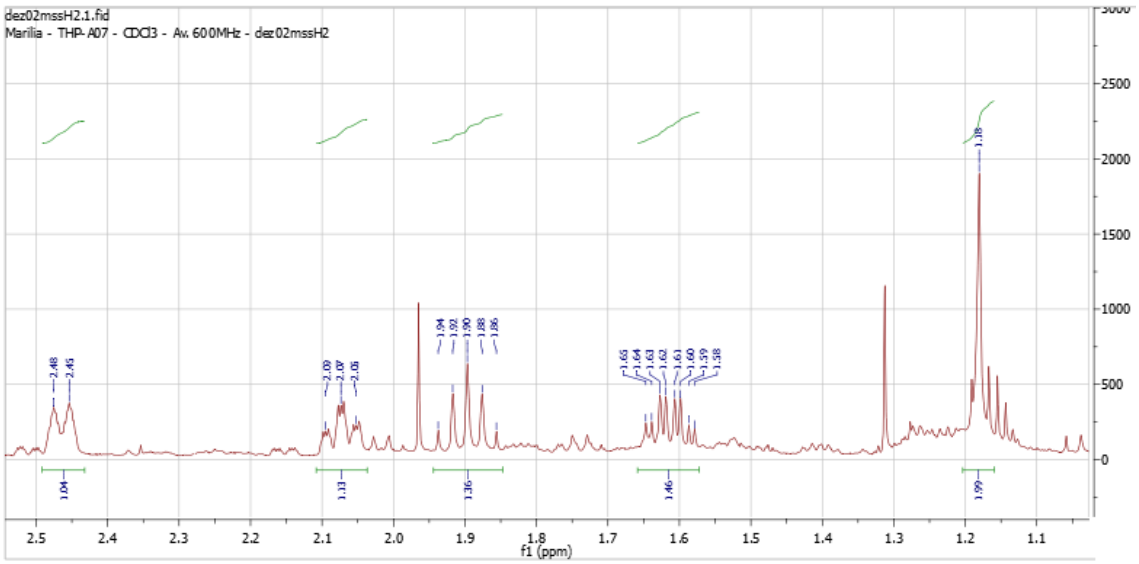

Figure S53. RMN ^{1}H spectrum enlargement of adduct **8g** (1.1 – 2.5ppm).

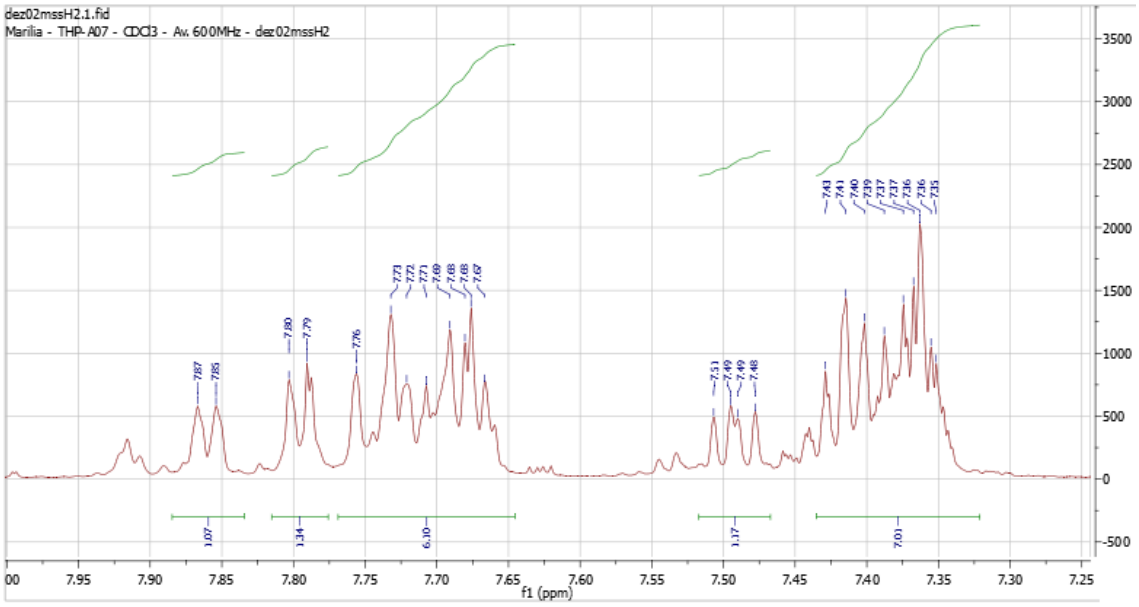

Figure S54. RMN ^{1}H spectrum enlargement of adduct **8g** (7.3 – 7.9ppm).

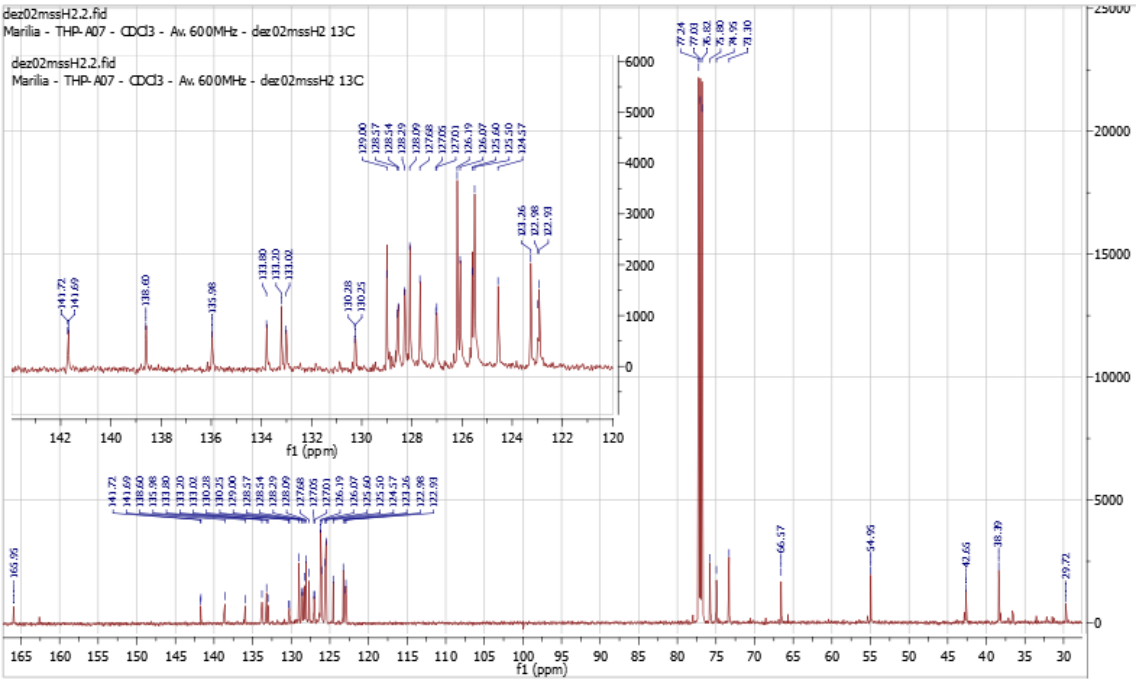

Figure S55. RMN ^{13}C spectrum of adduct **8g.**

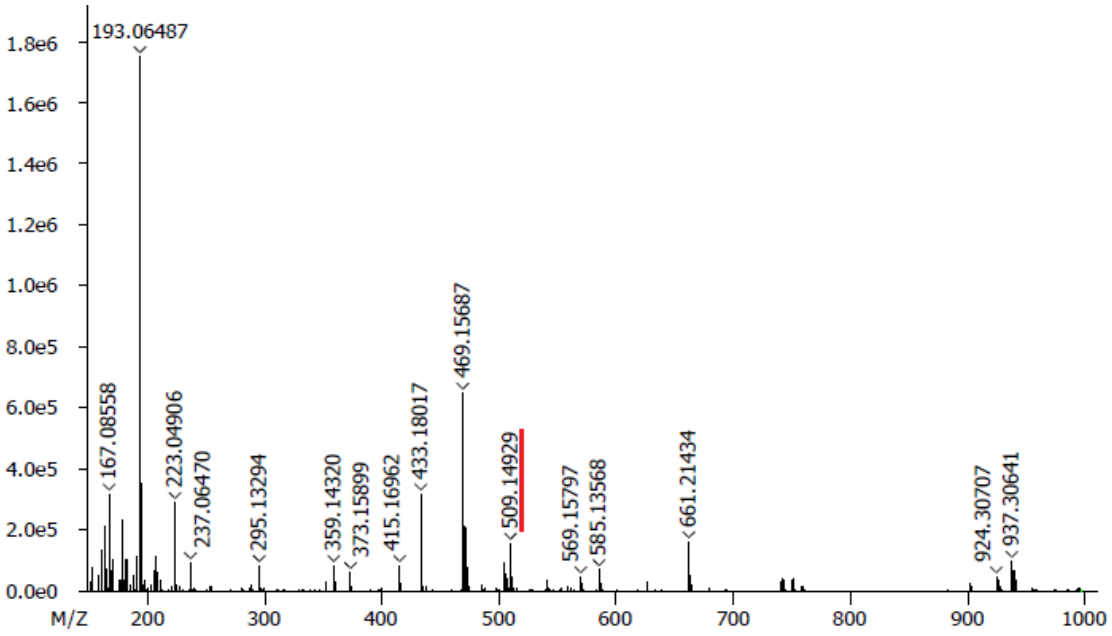

Figure S56. HRMS spectrum of compound **8g**.

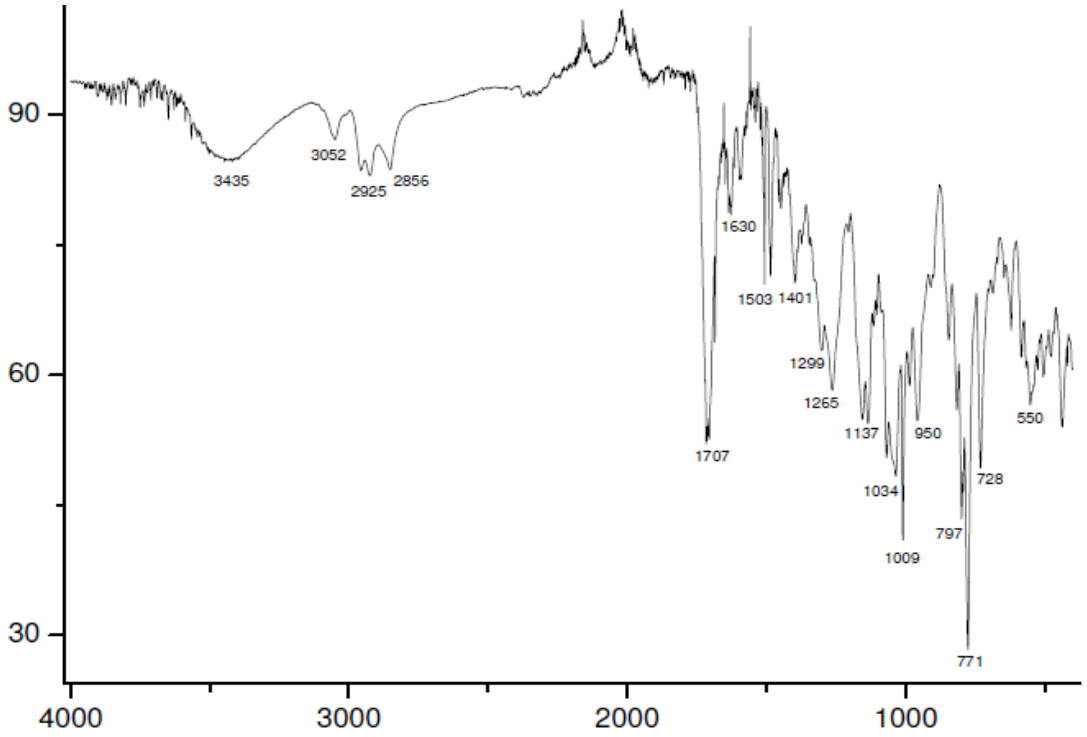

Figure S57. FTIR spectrum of adduct **8h**.

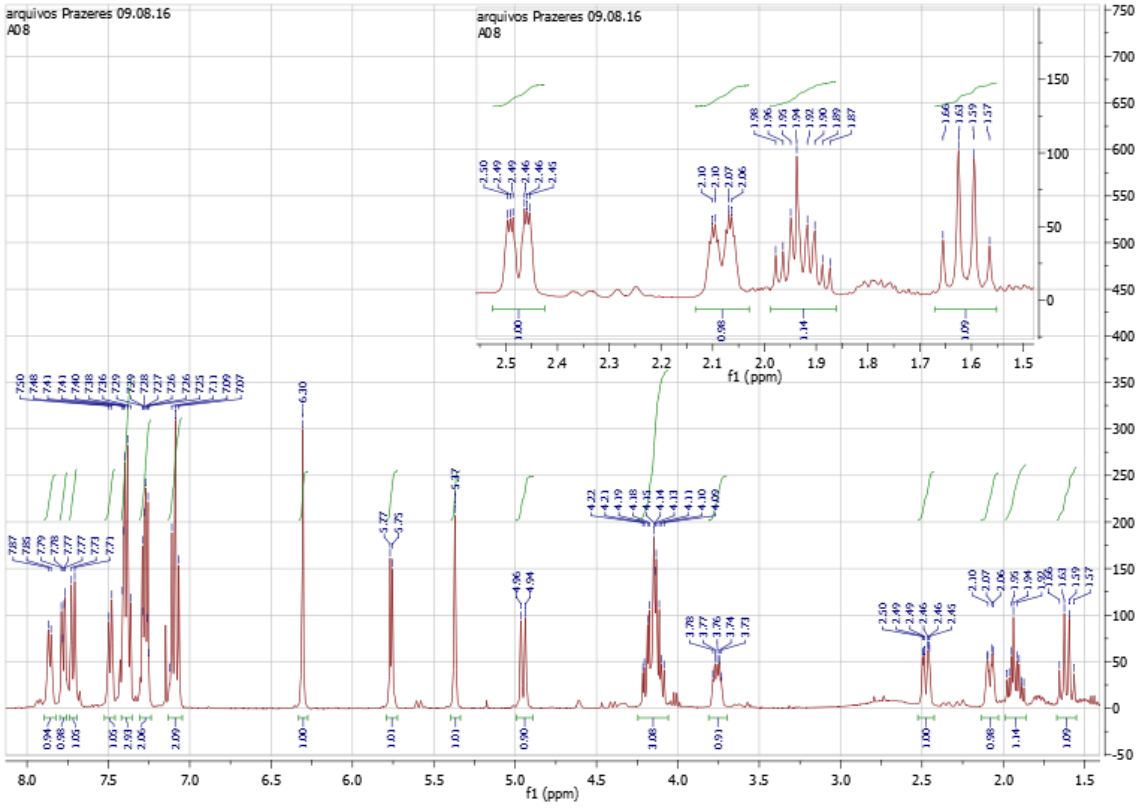

Figure S58. RMN ^{1}H spectrum of adduct **8h**.

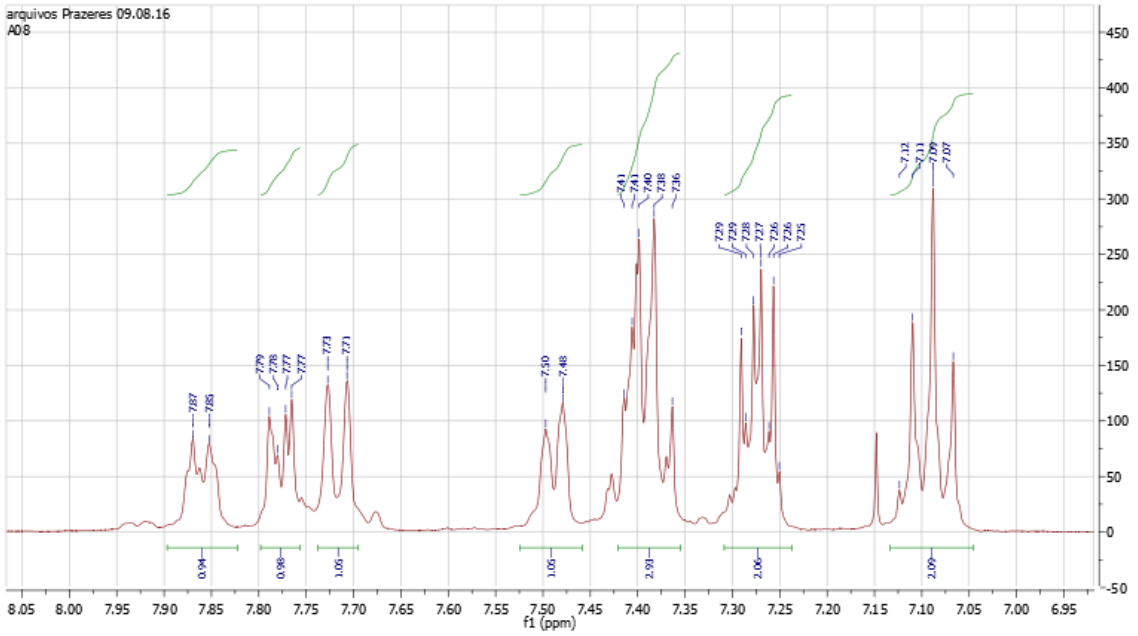

Figure S59. RMN ^{1}H spectrum enlargement of adduct **8h** (7.05 – 7.9ppm).

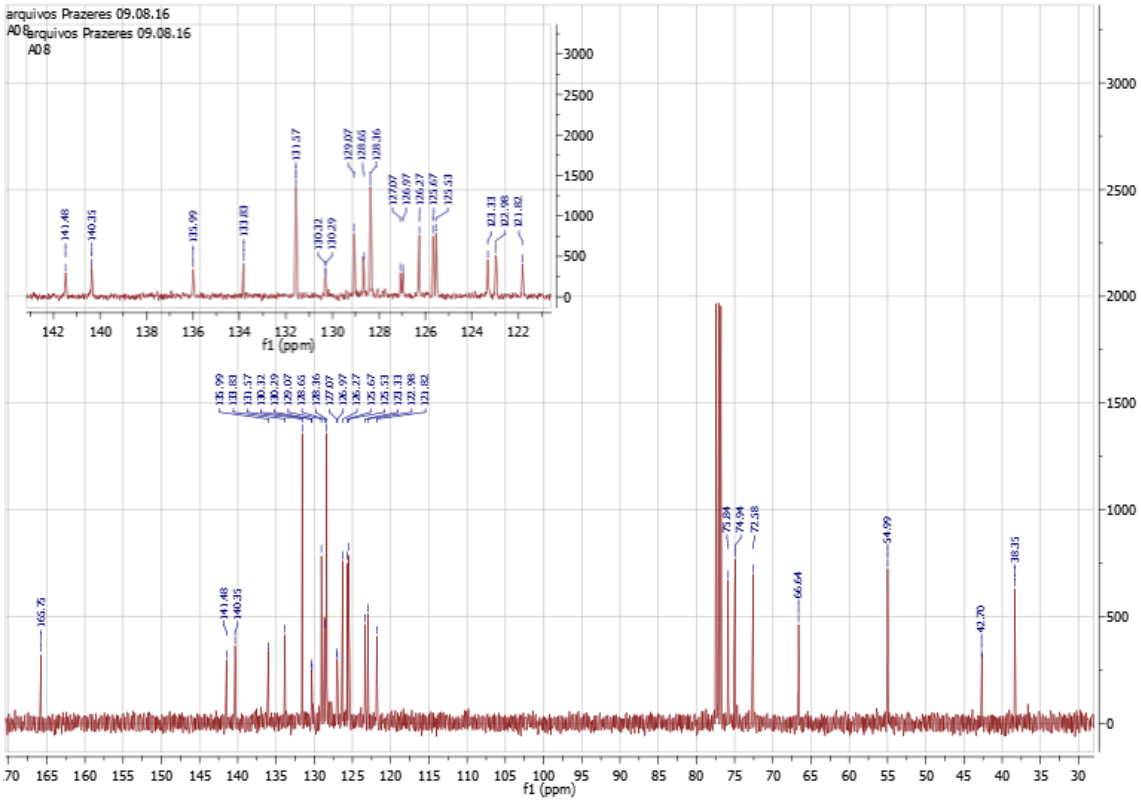

Figure S60. RMN ^{13}C spectrum of adduct **8h**.

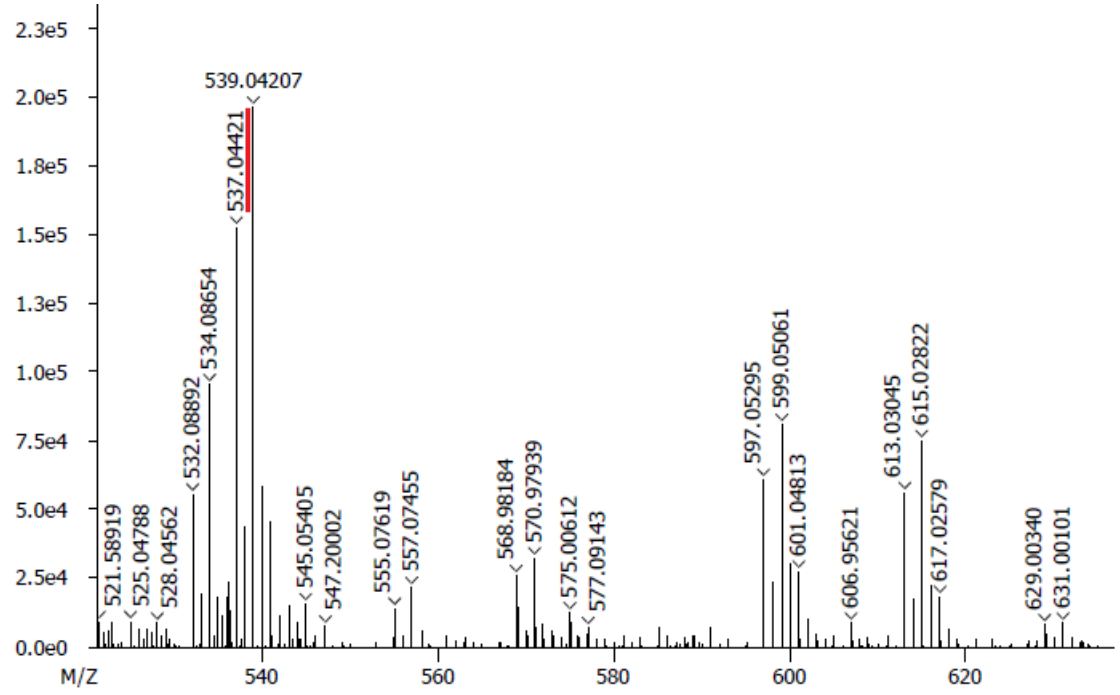

Figure S61. HRMS spectrum of compound **8h**.

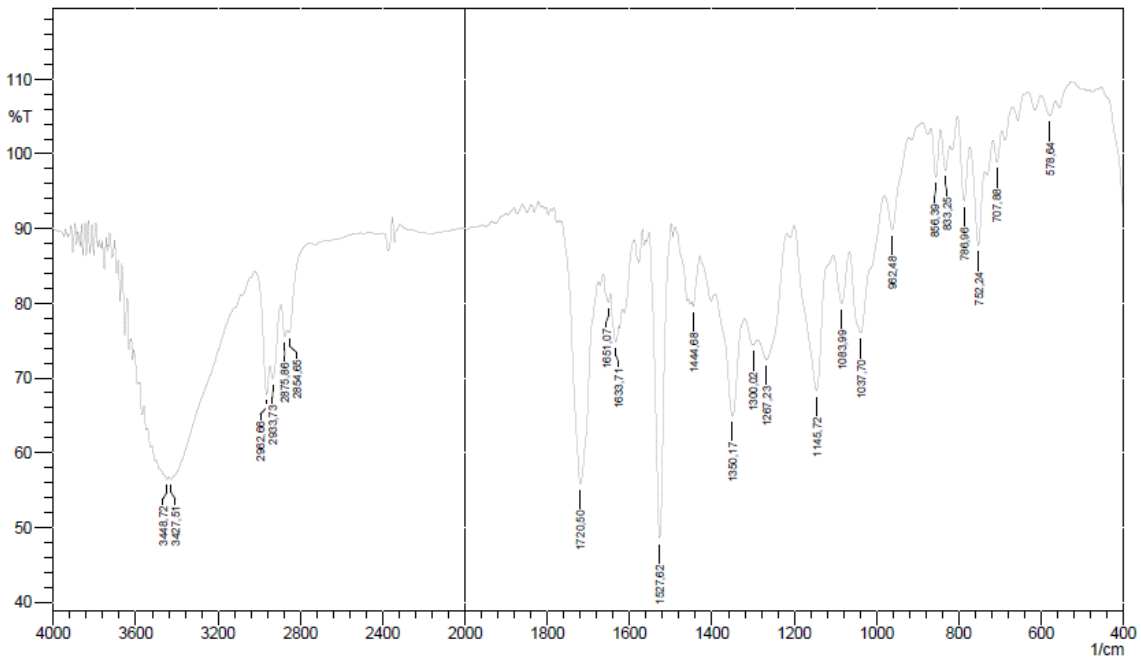

Figure S62. FTIR spectrum of adduct **9a**.

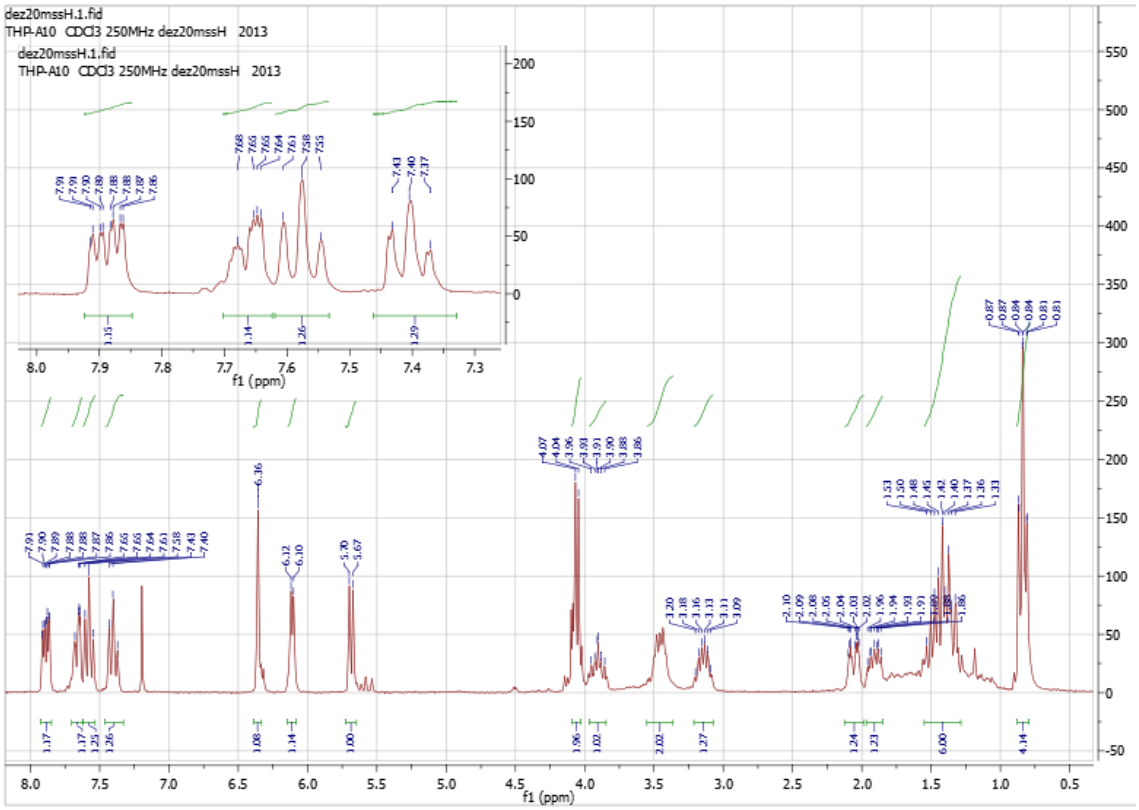

Figure S63. RMN ^{1}H spectrum of adduct **9a**.

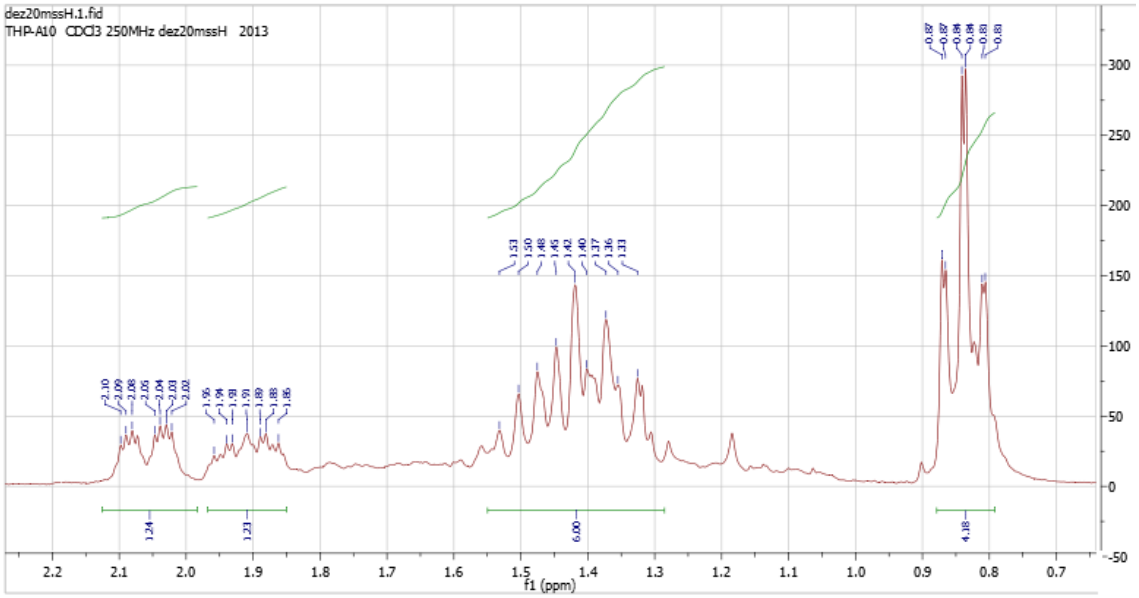

Figure S64. RMN ^{1}H spectrum enlargement of adduct **9a** (0.7 – 2.2ppm).

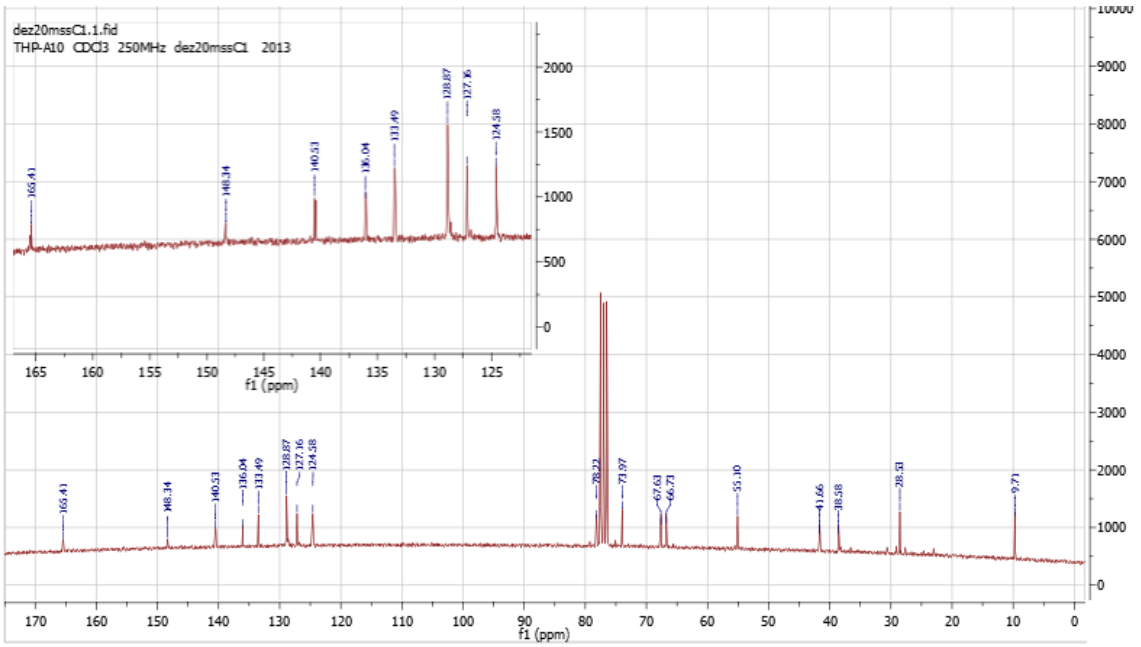

Figure S65. RMN ^{13}C spectrum of adduct **9a**.

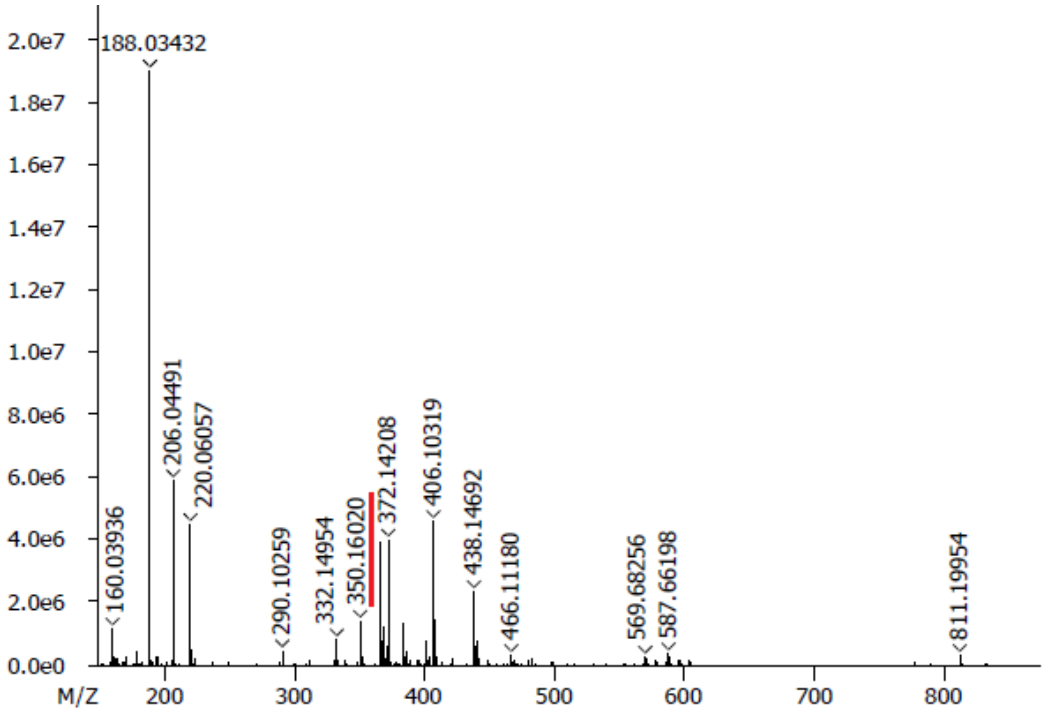

Figure S66. HRMS spectrum of compound **9a**.

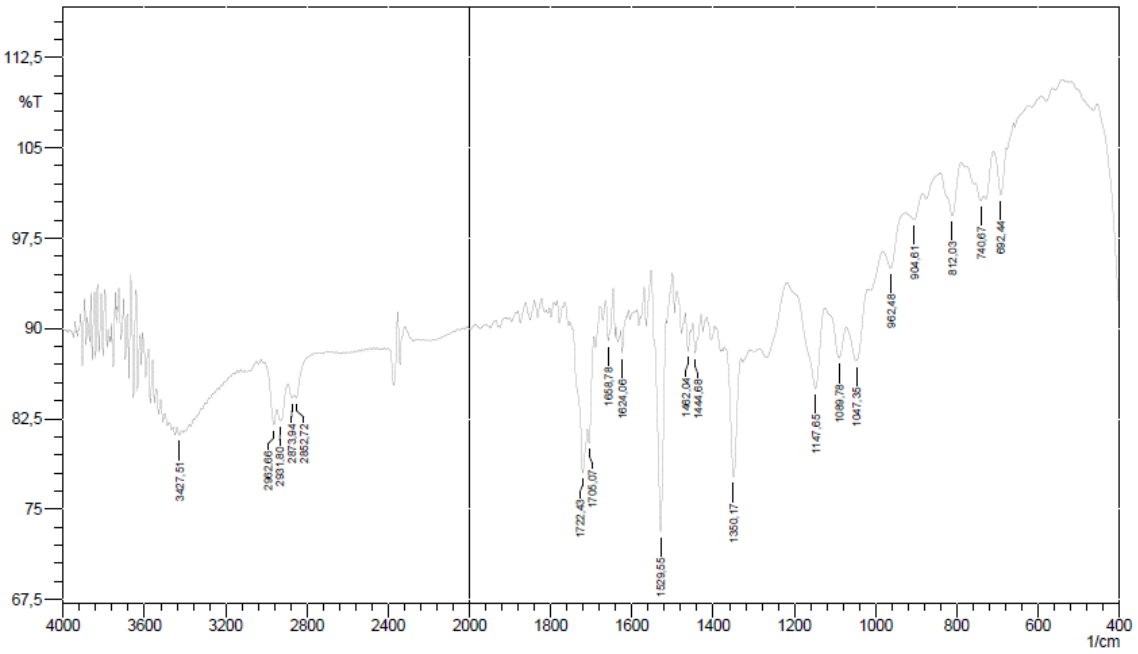

Figure S67. FTIR spectrum of adduct **9b**.

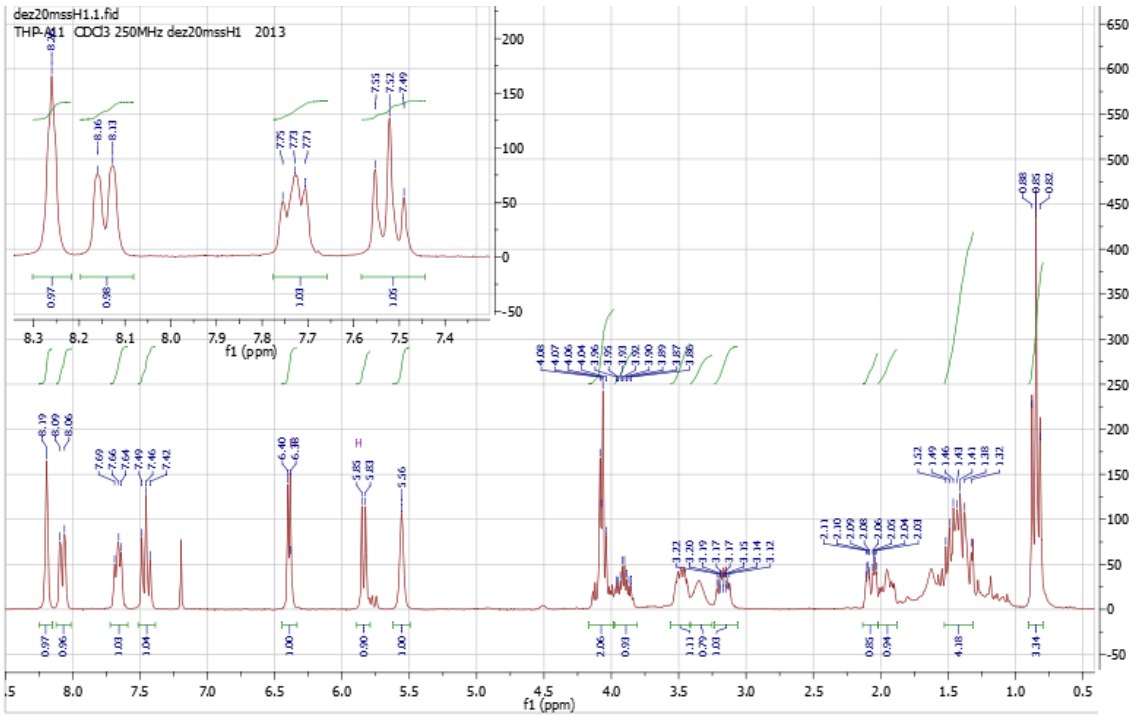

Figure S68. RMN ^{1}H spectrum of adduct **9b**.

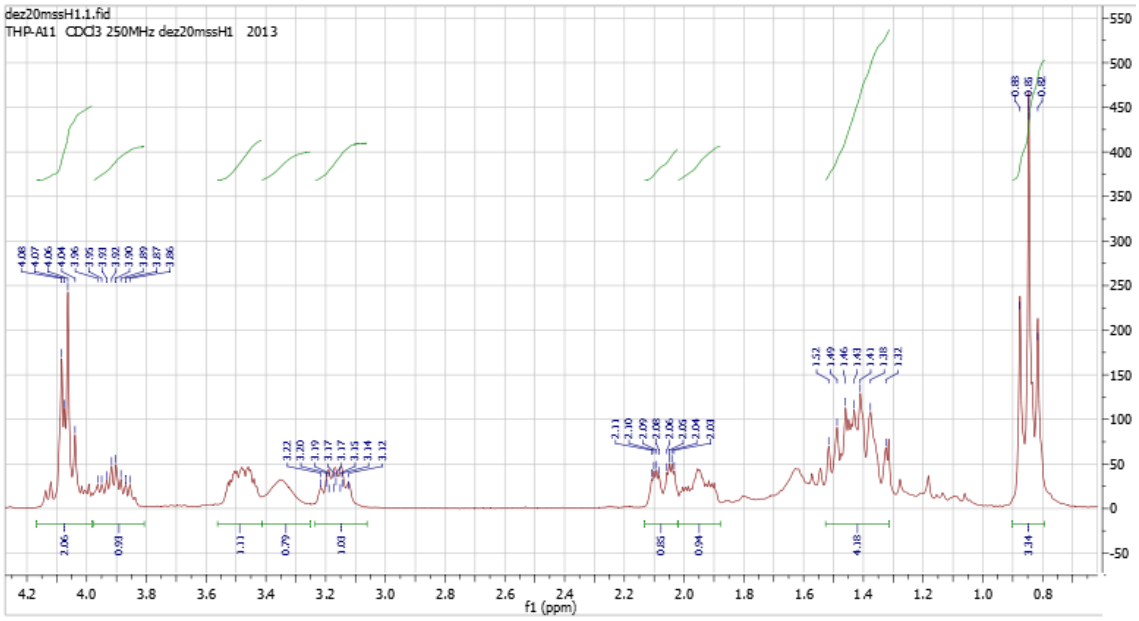

Figure S69. RMN ^{1}H spectrum enlargement of adduct **9b** (0.8 – 4.2ppm).

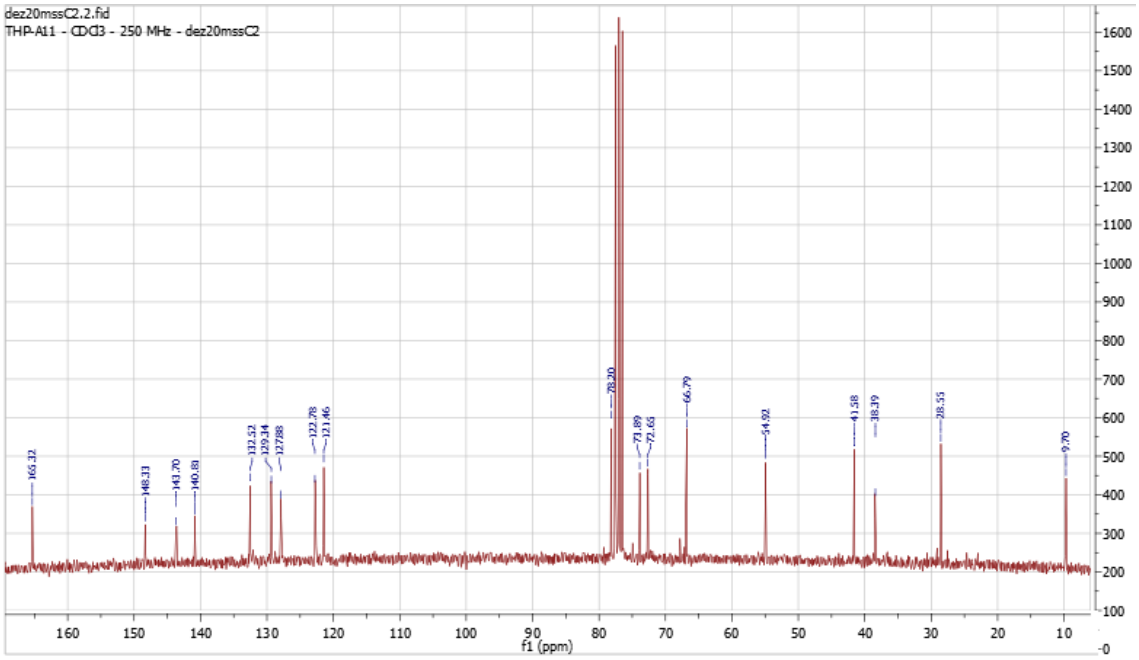

Figure S70. RMN ^{13}C spectrum of adduct **9b**.

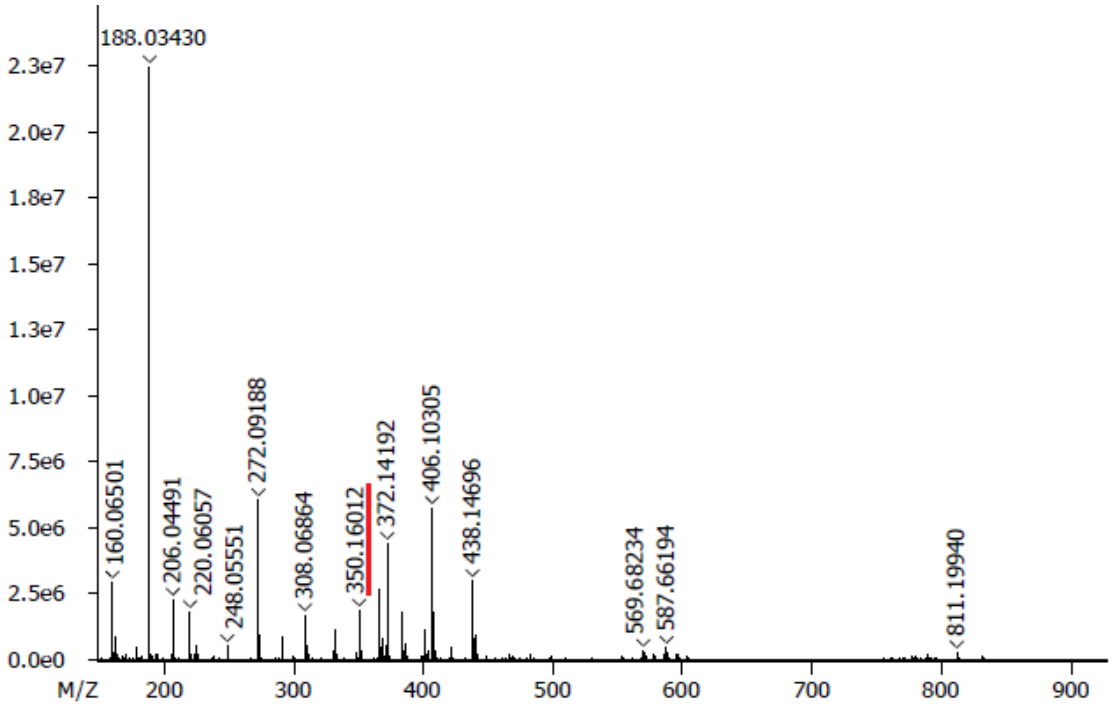

Figure S71. HRMS spectrum of compound **9b**.

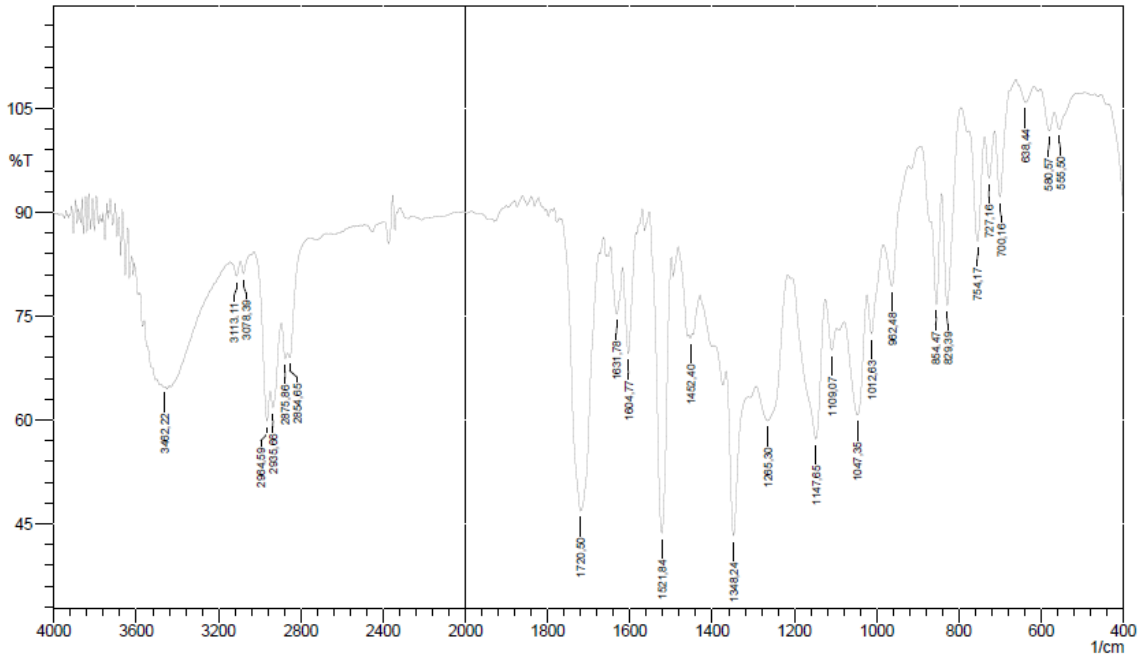

Figure S72. FTIR spectrum of adduct **9c**.

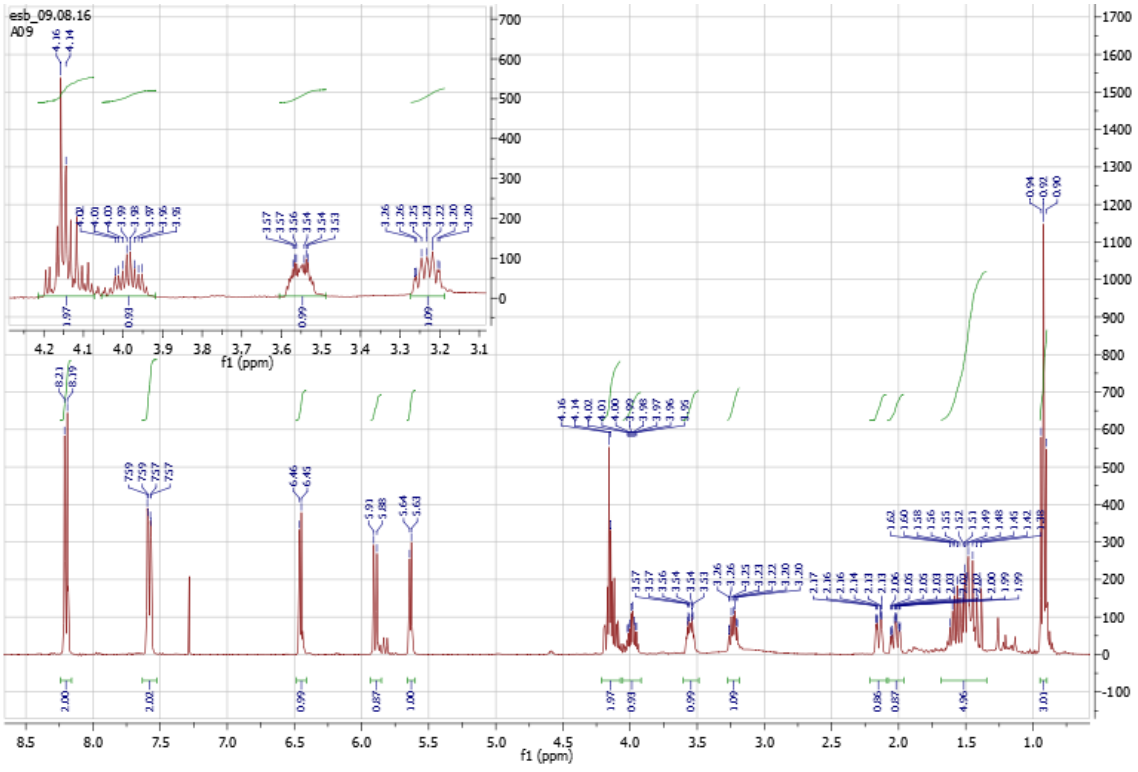

Figure S73. RMN ^{1}H spectrum of adduct **9c**.

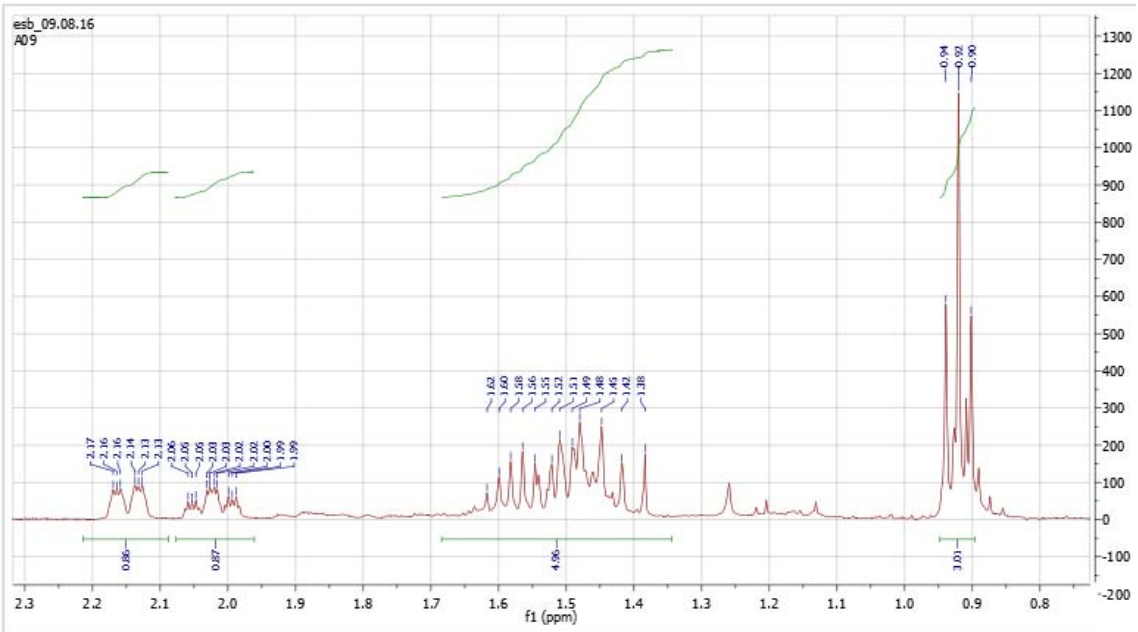

Figure S74. RMN ^{1}H spectrum enlargement of adduct **9c** (0.8 – 2.2ppm).

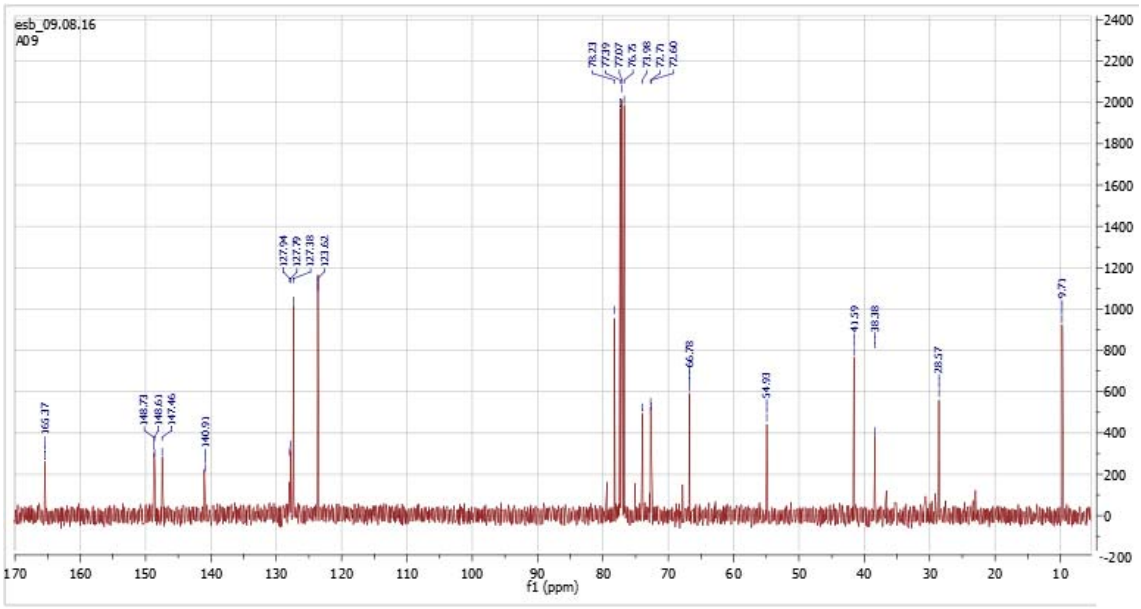

Figure S75. RMN ^{13}C spectrum of adduct **5c**.

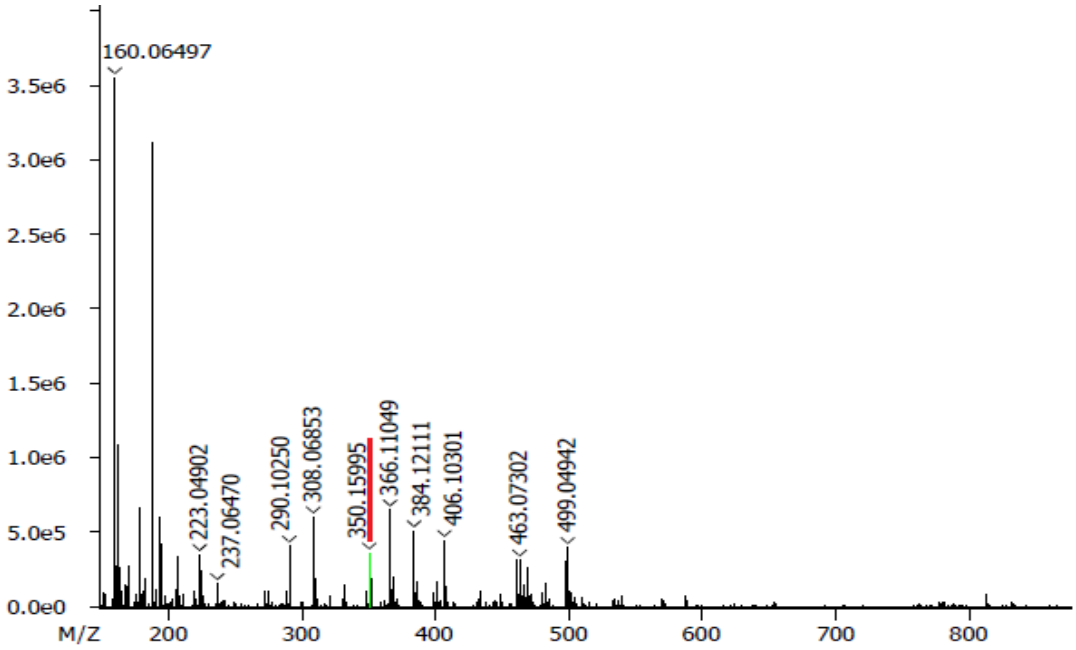

Figure S76. HRMS spectrum of compound **9c**.

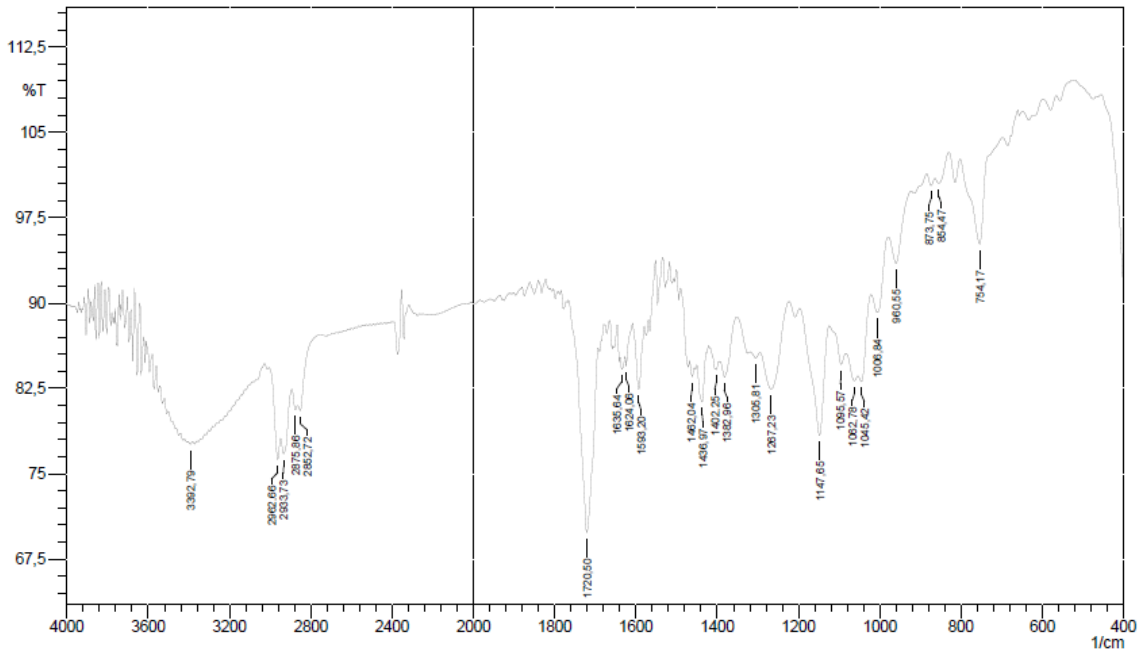

Figure S77. FTIR spectrum of adduct **9d**.

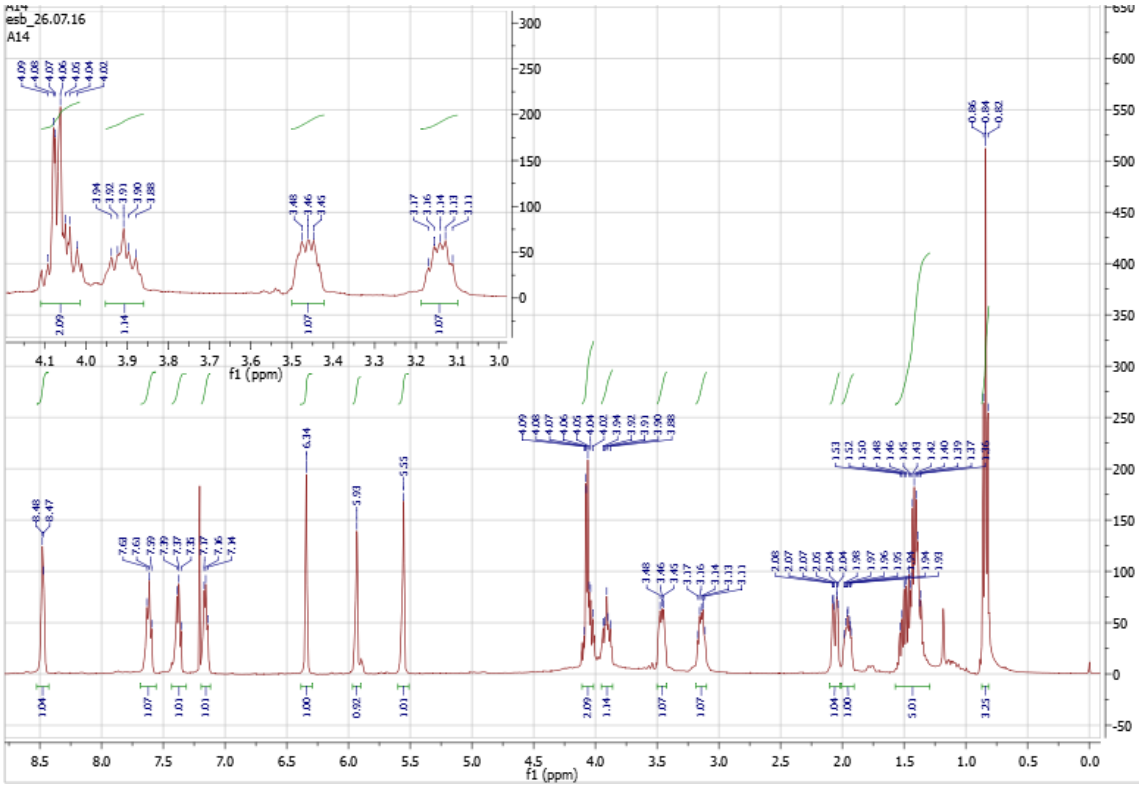

Figure S78. RMN ^{1}H spectrum of adduct **9d**.

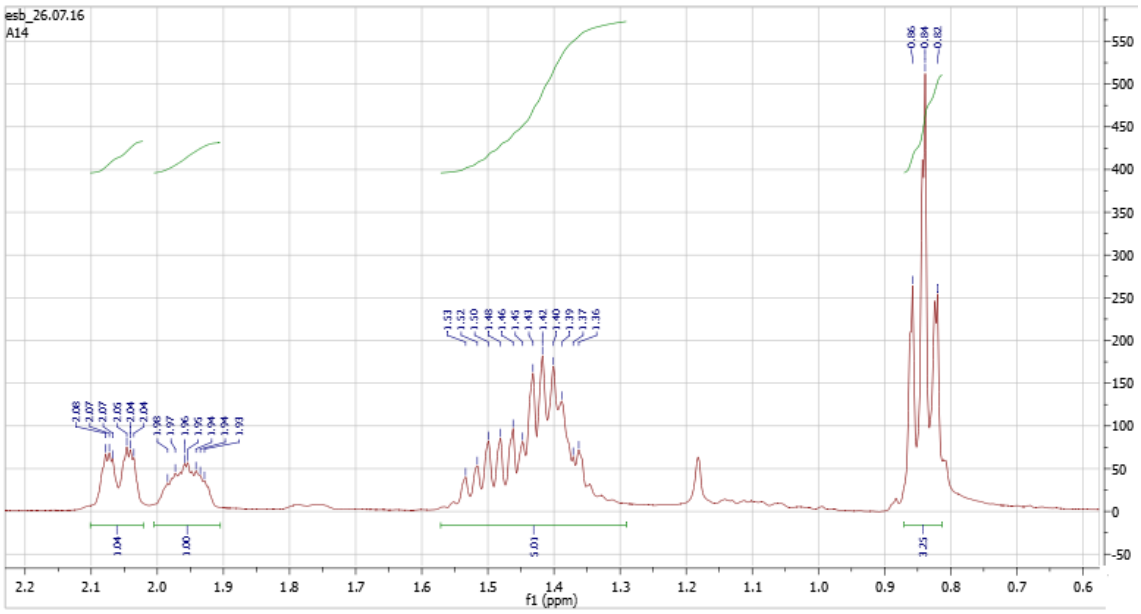

Figure S79. RMN ^{1}H spectrum enlargement of adduct **9d** (0.7 – 2.2ppm).

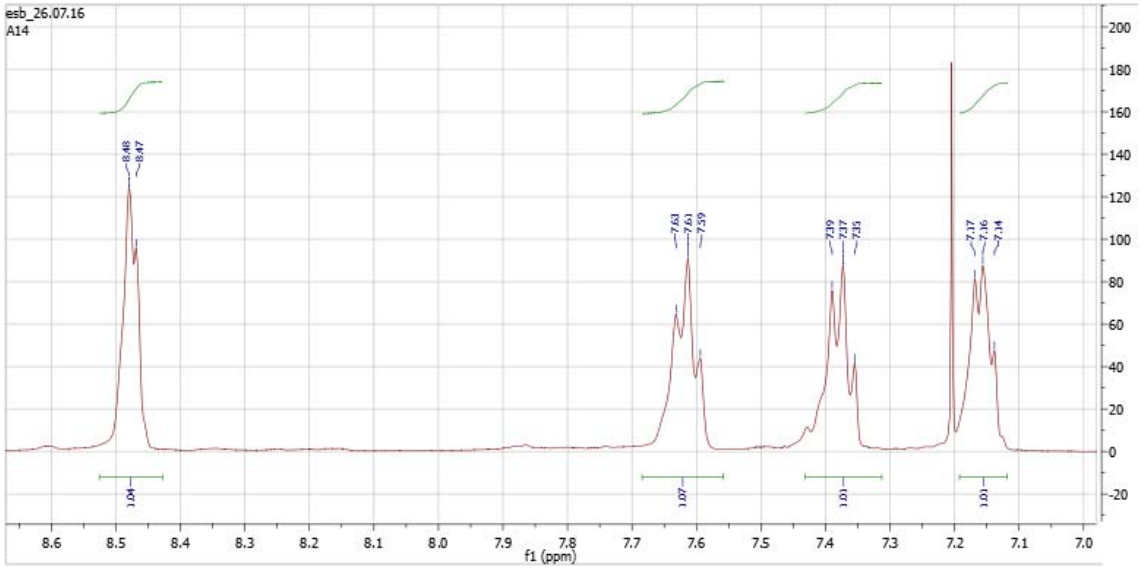

Figure S80. RMN ^{1}H spectrum enlargement of adduct **9d** (7.1 – 8.6ppm).

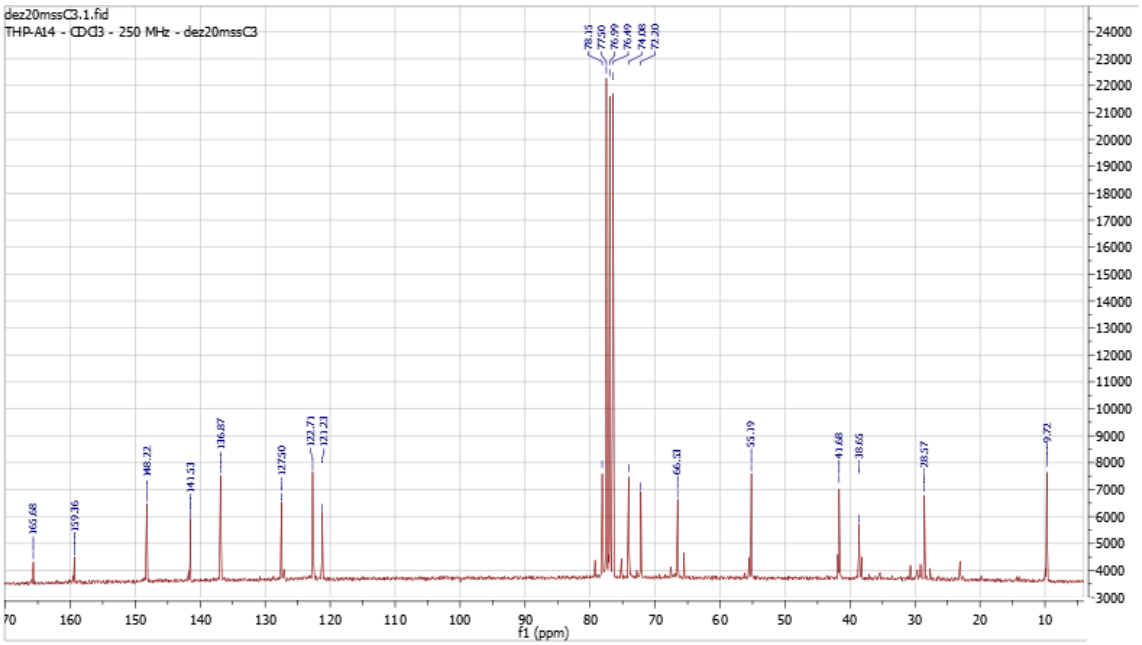

Figure S81. RMN ^{13}C spectrum of adduct **9d**.

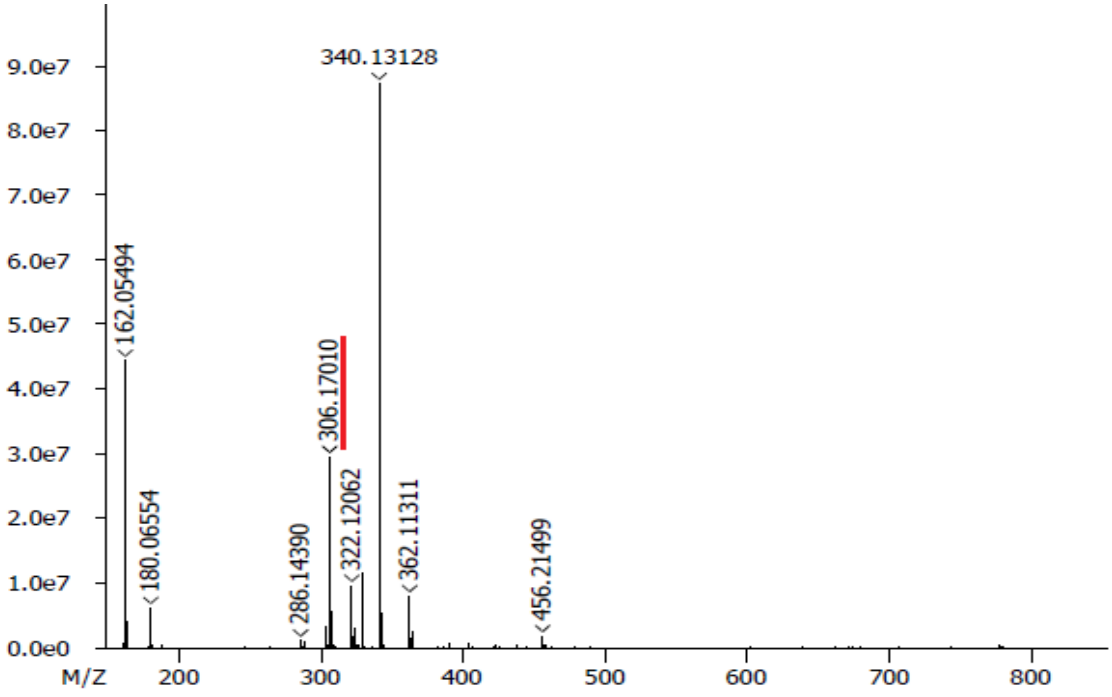

Figure S82. HRMS spectrum of compound **9d**.

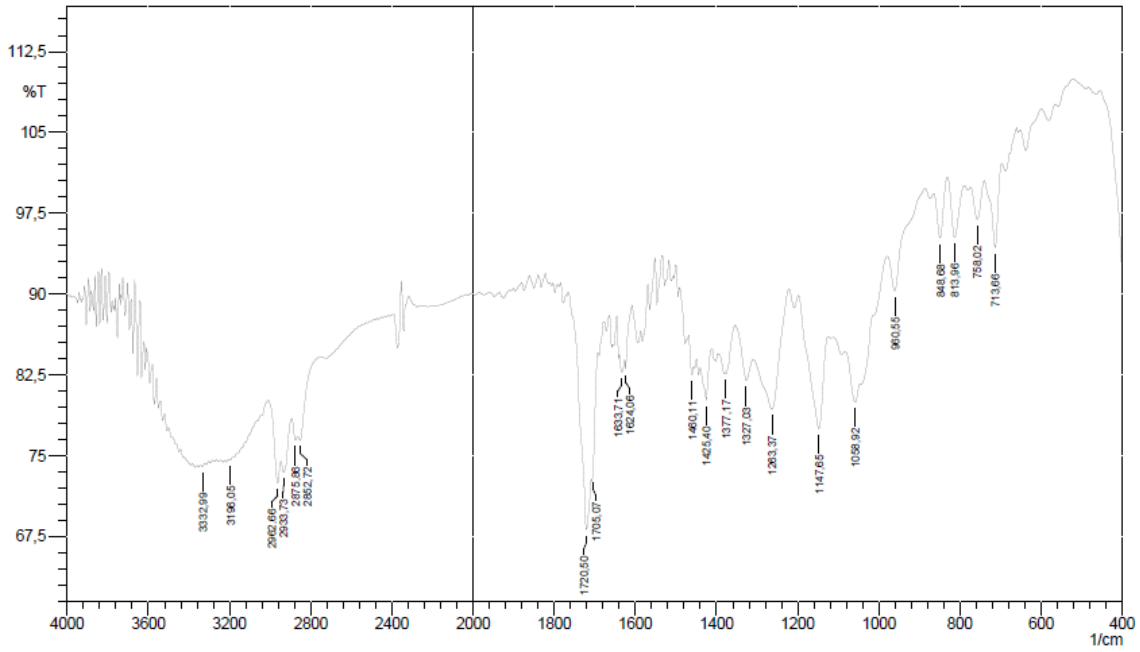

Figure S83. FTIR spectrum of adduct **9e**.

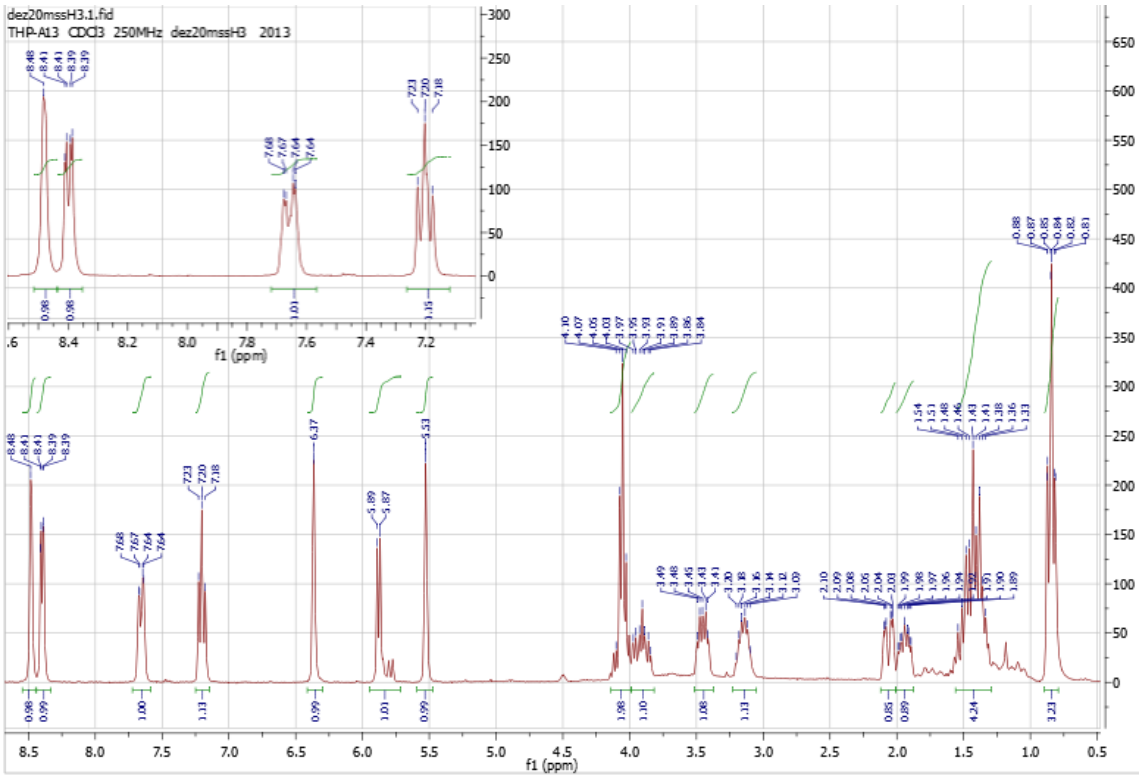

Figure S84. RMN ^{1}H spectrum of adduct **9e**.

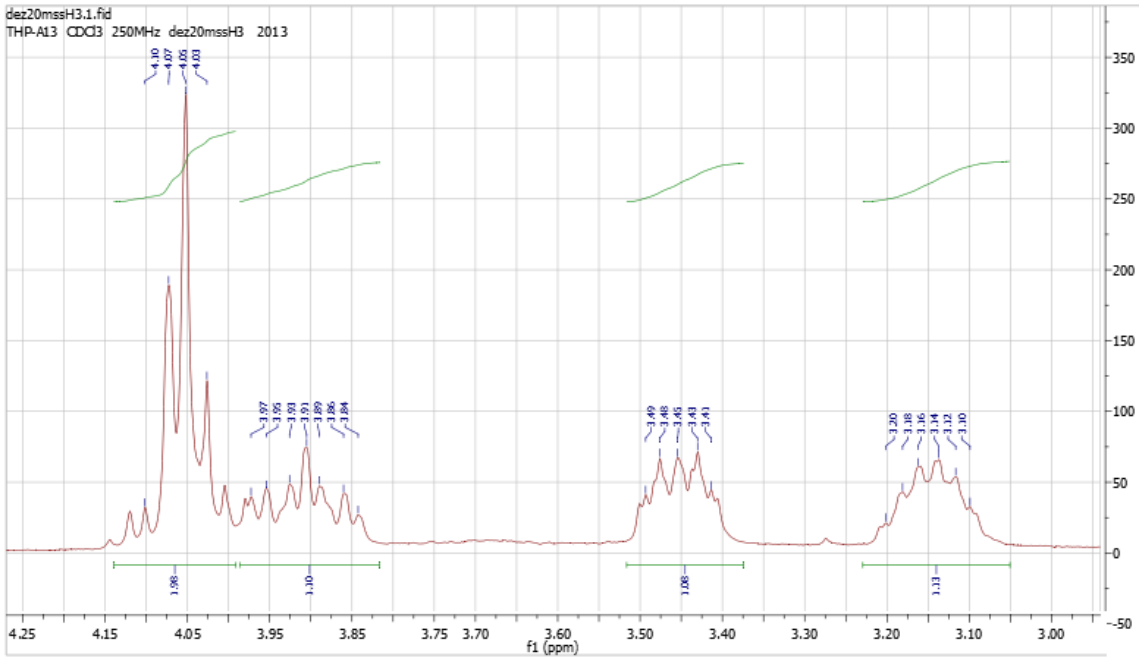

Figure S85. RMN ^{1}H spectrum enlargement of adduct **9e** (3.0 – 4.15ppm).

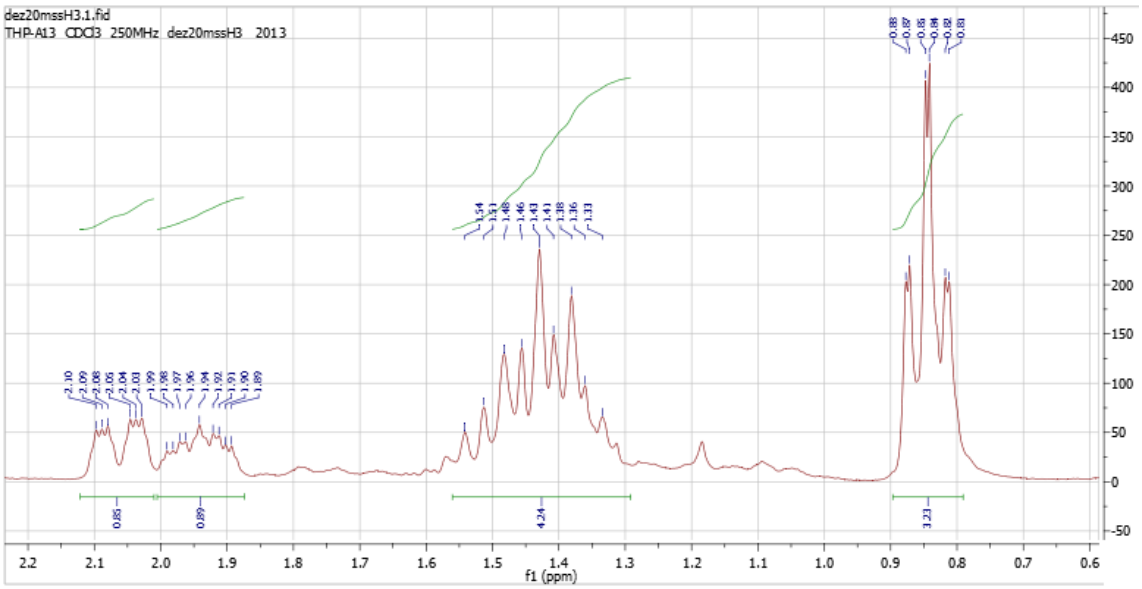

Figure S86. RMN ^{1}H spectrum enlargement of adduct **9e** (0.7 – 2.2ppm).

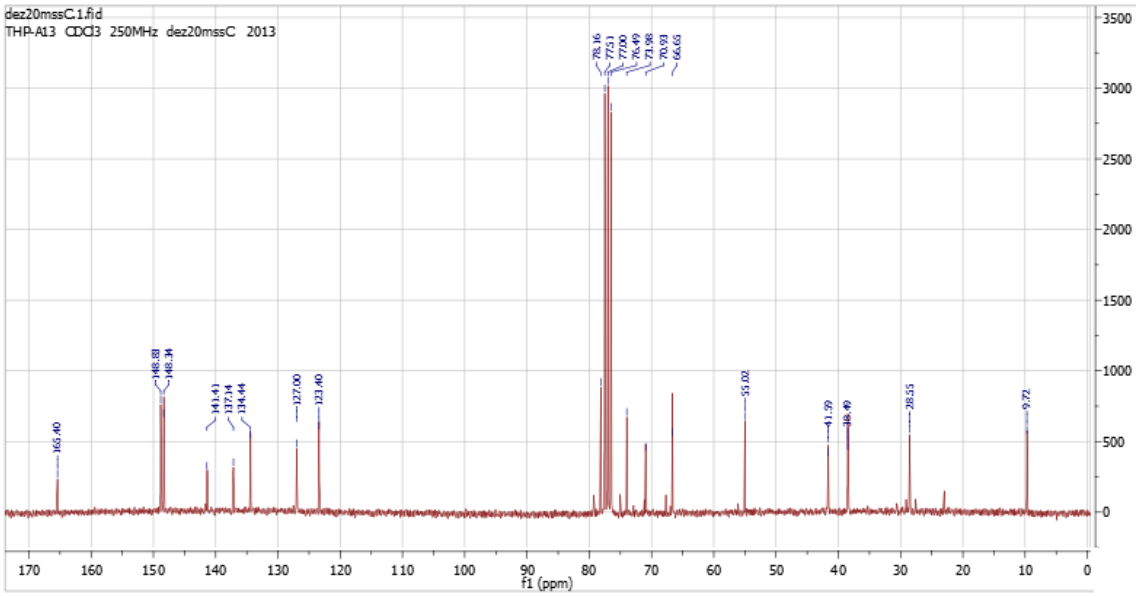

Figure S87. RMN ^{13}C spectrum of adduct **9e**.

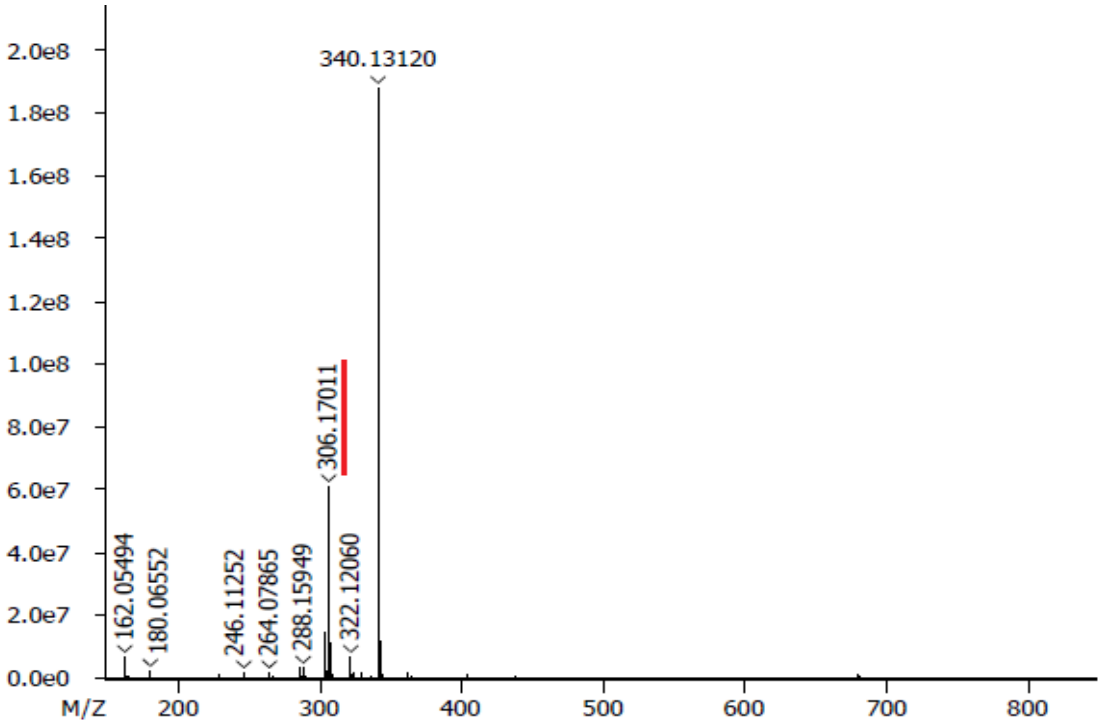

Figure S88. HRMS spectrum of compound **9e**.

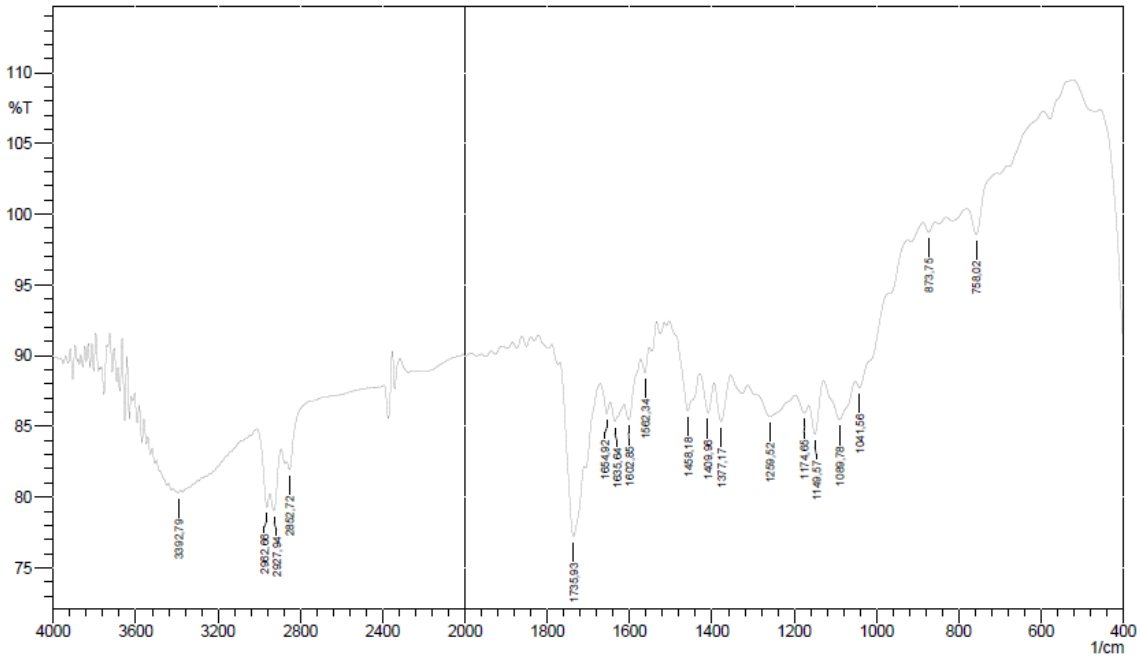

Figure S89. FTIR spectrum of adduct **9f**.

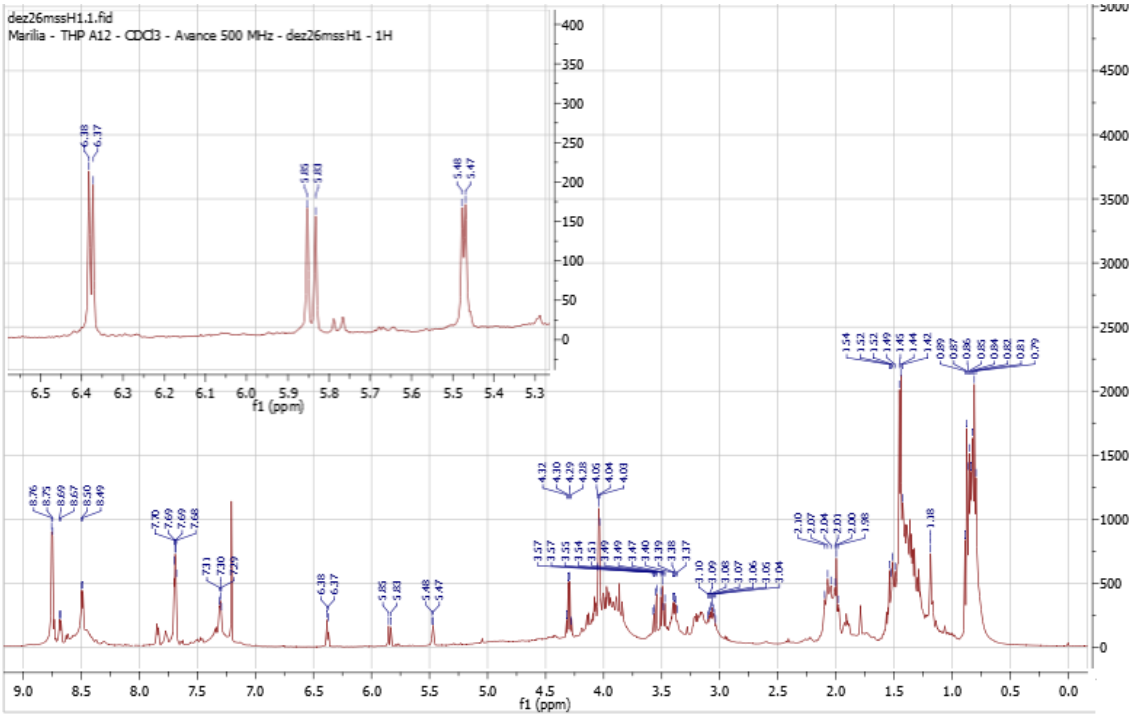

Figure S90. RMN ^{1}H spectrum of adduct **9f**.

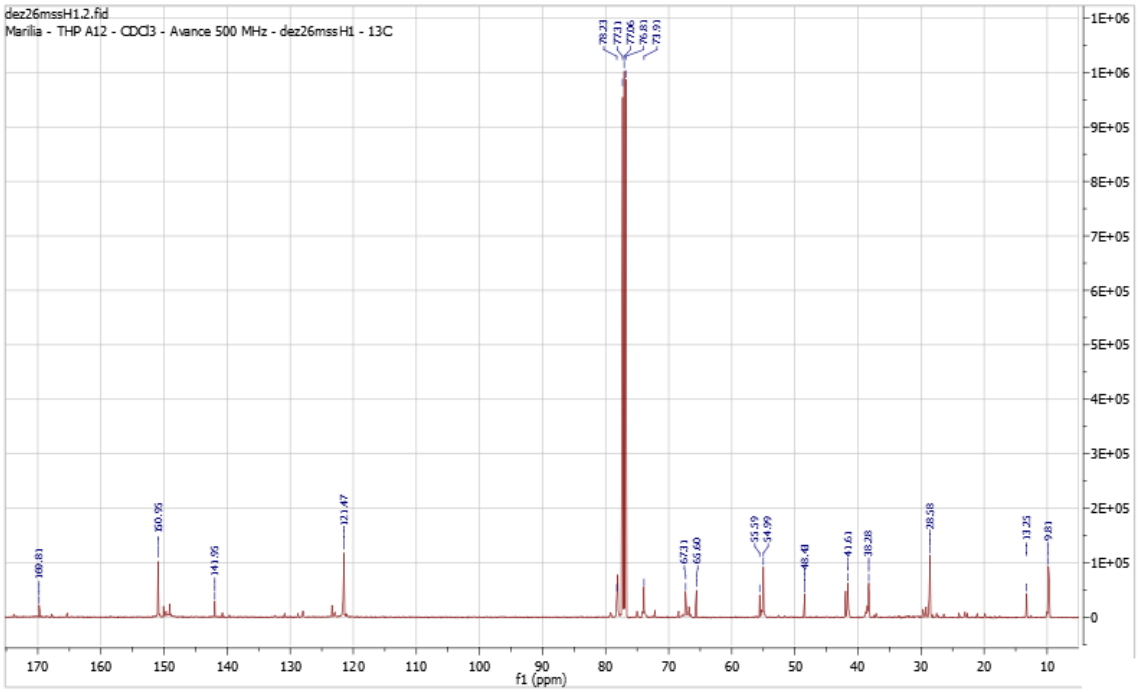

Figure S91. RMN ^{13}C spectrum of adduct **9f**.

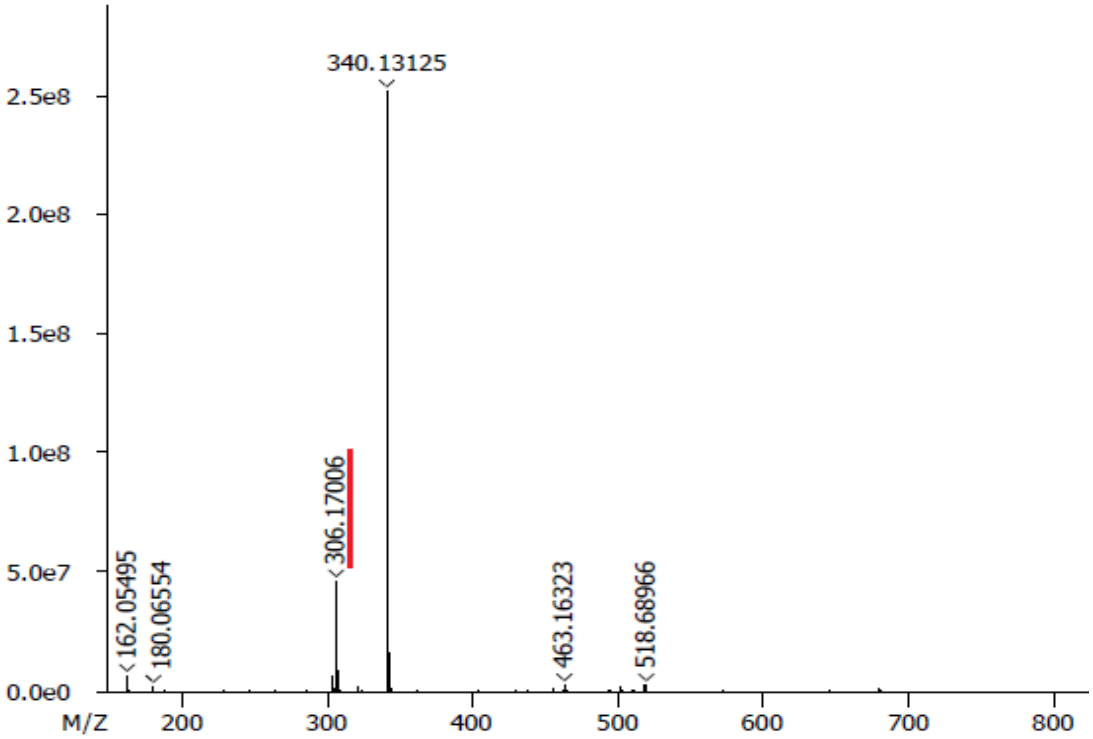

Figure S92. HRMS spectrum of compound **9f**.

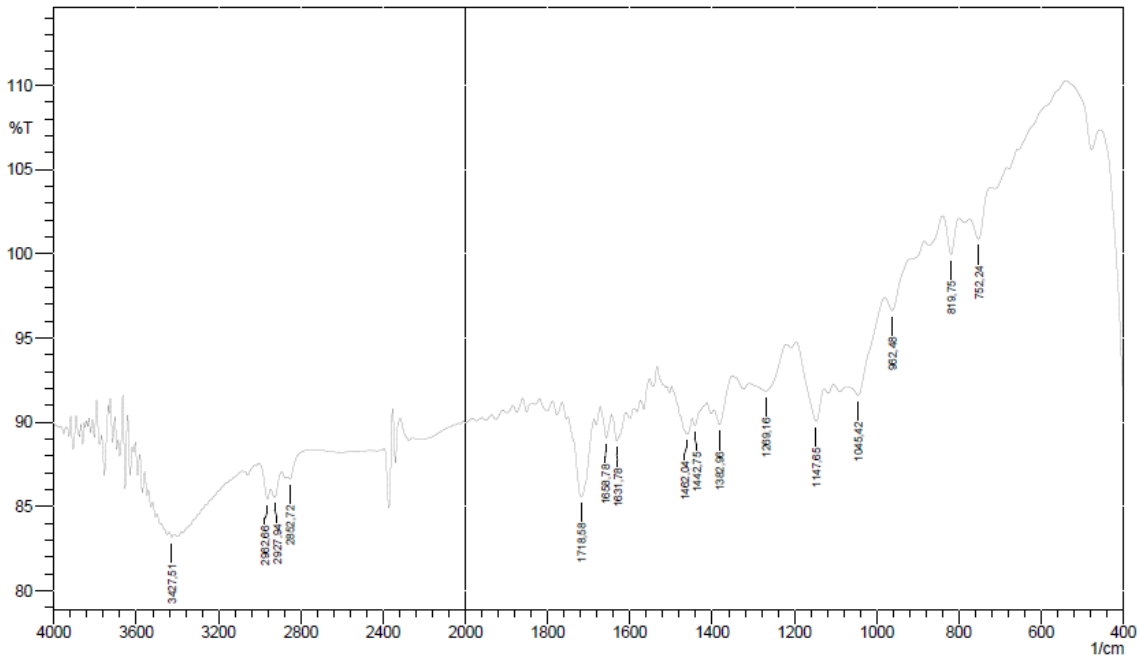

Figure S93. FTIR spectrum of adduct **9g**.

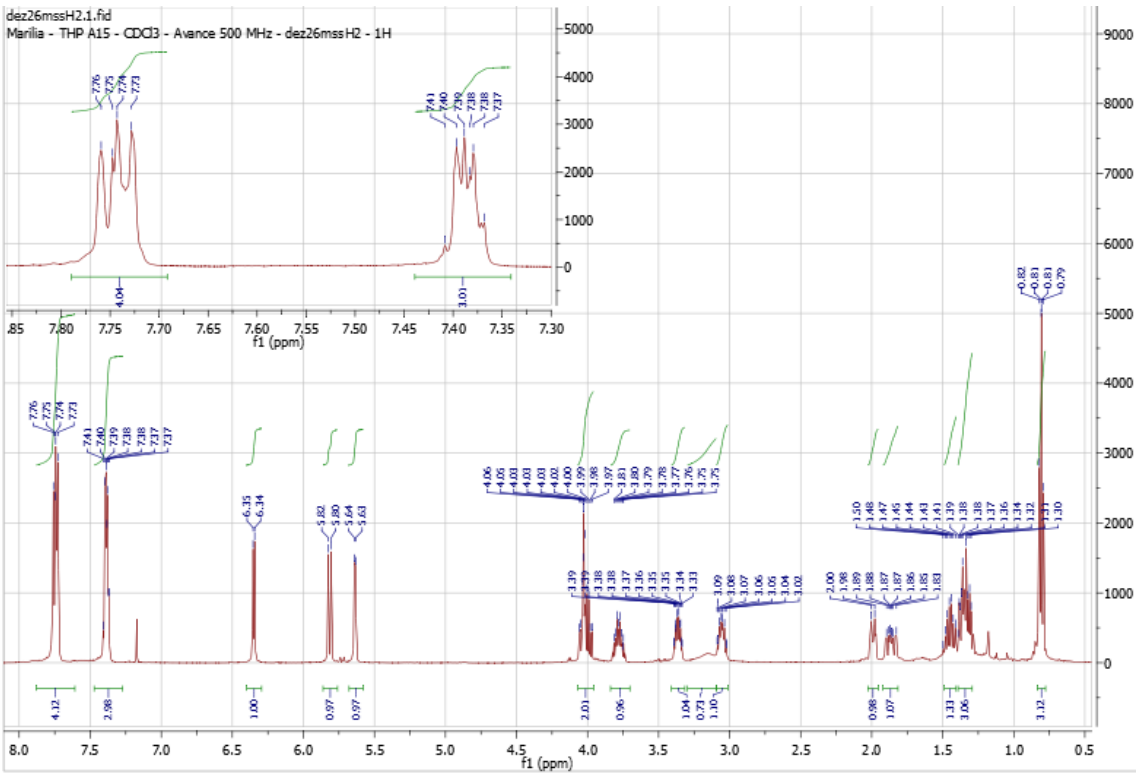

Figure S94. RMN ^{1}H spectrum of adduct **9g**.

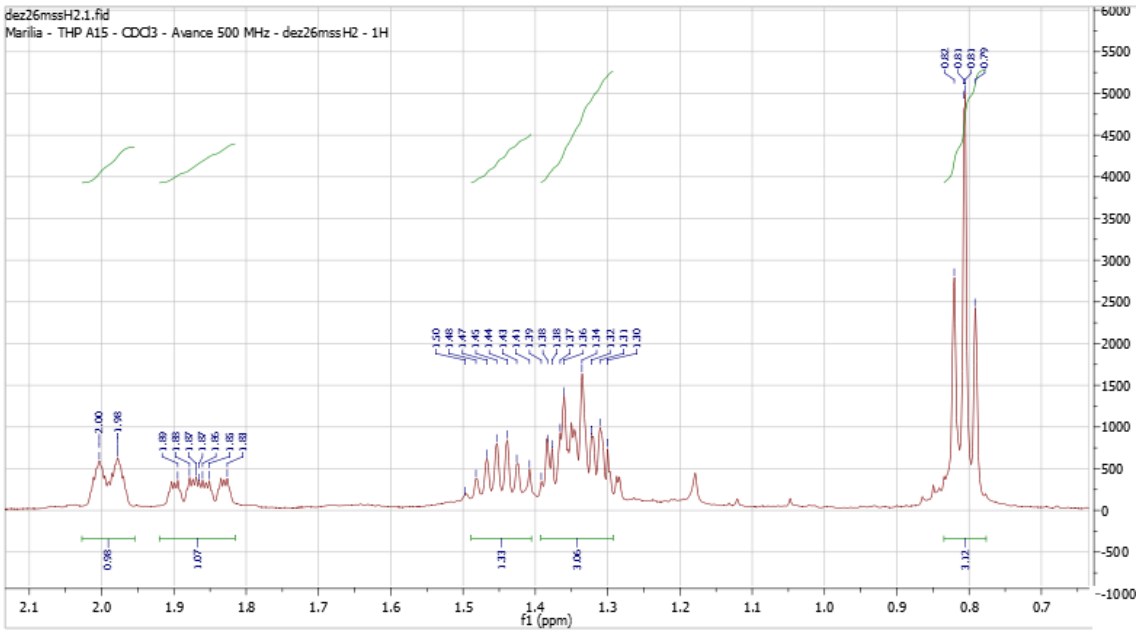

Figure S95. RMN ^{1}H spectrum enlargement of adduct **9g** (0.7 – 2.1ppm).

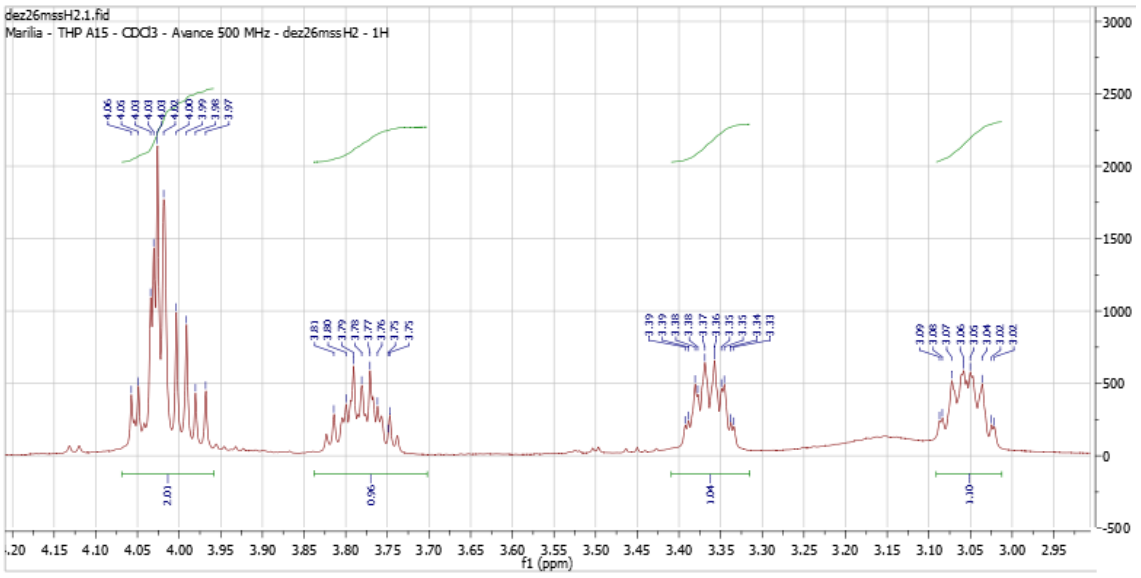

Figure S96. RMN ^{1}H spectrum enlargement of adduct **9g** (3.0 – 4.1ppm).

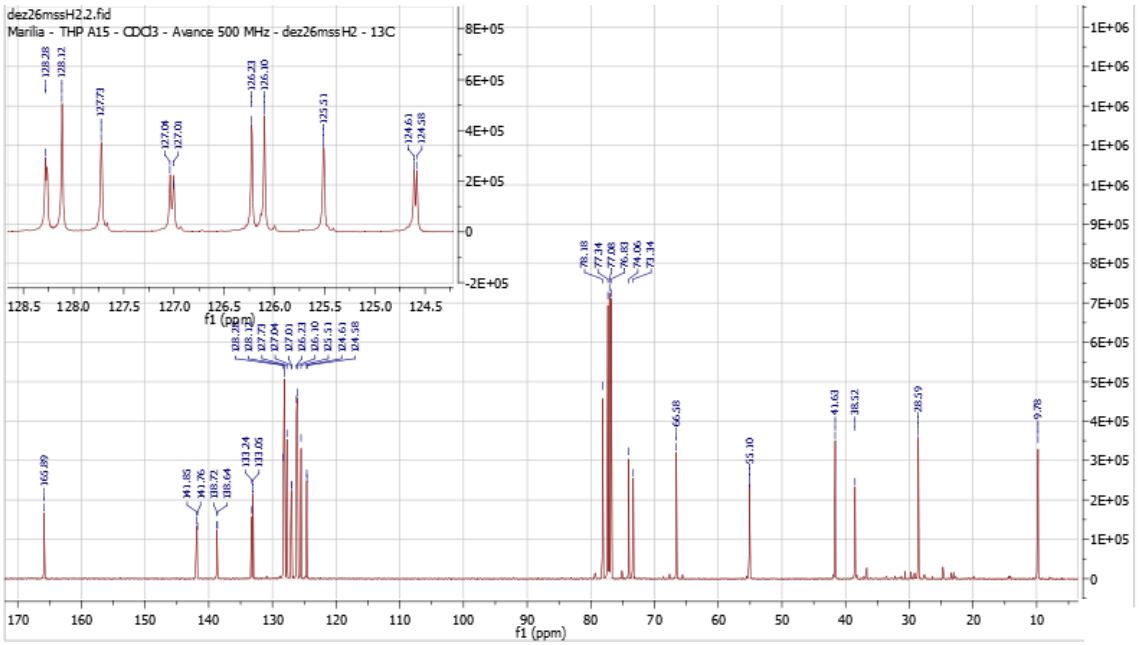

Figure S97. RMN ^{13}C spectrum of adduct **9g**.

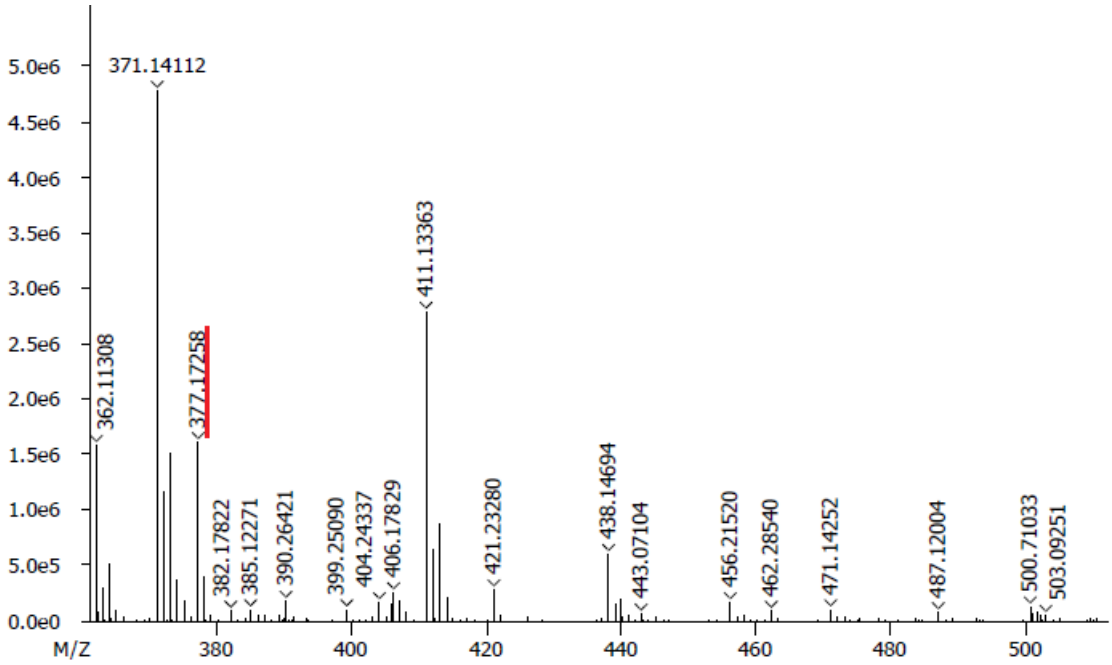

Figure S98. HRMS spectrum of compound **9g**.

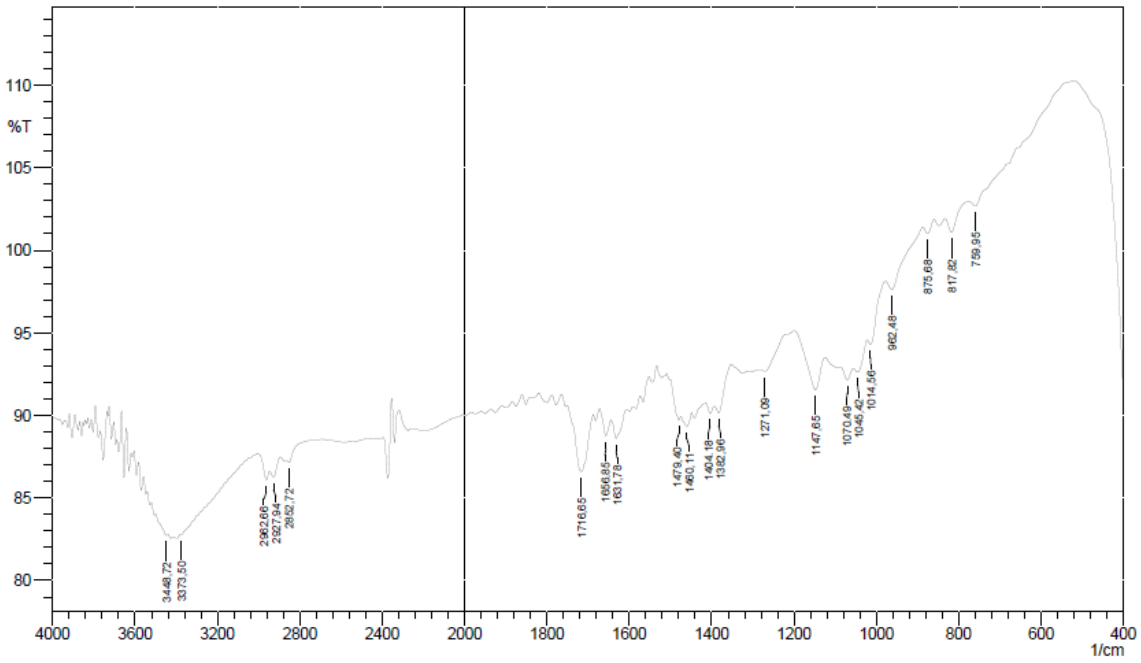

Figure S99. FTIR spectrum of adduct **9h**.

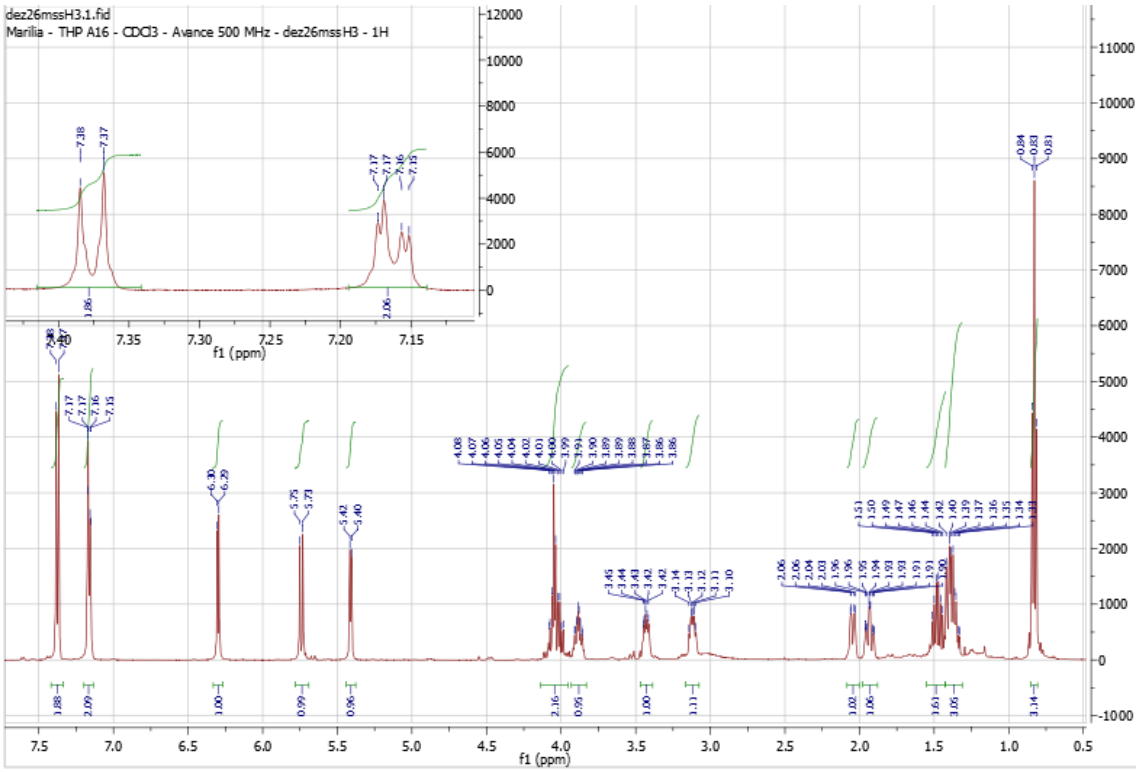

Figure S100. RMN ^{1}H spectrum of adduct **9h**.

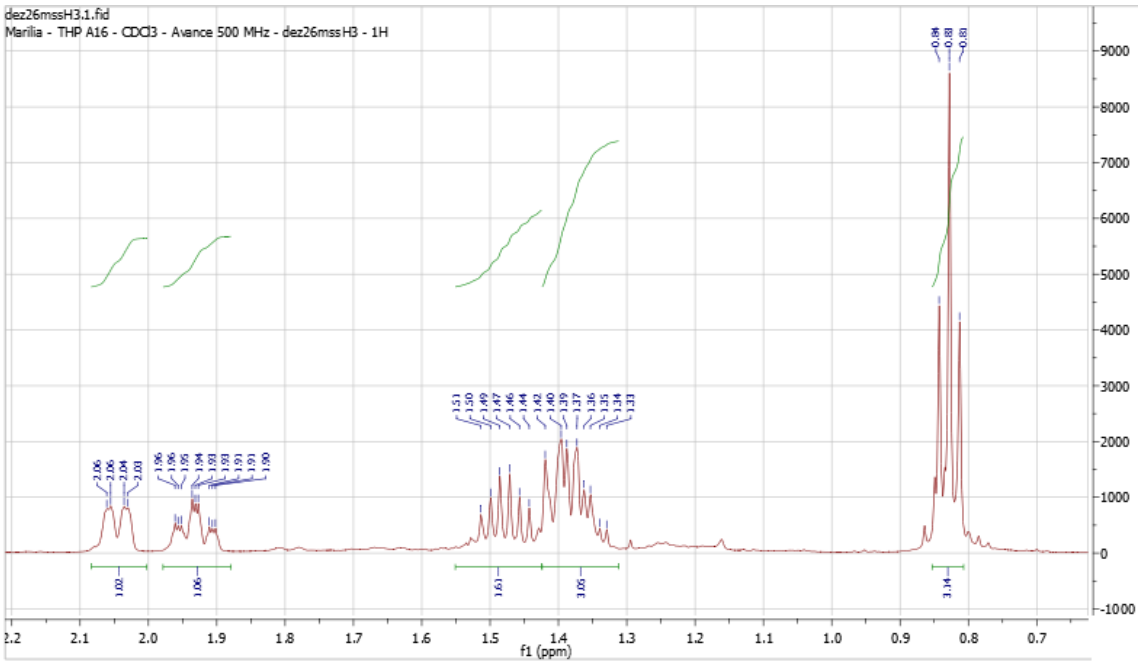

Figure S101. RMN ^{1}H spectrum enlargement of adduct **9h** (0.7 – 2.1ppm).

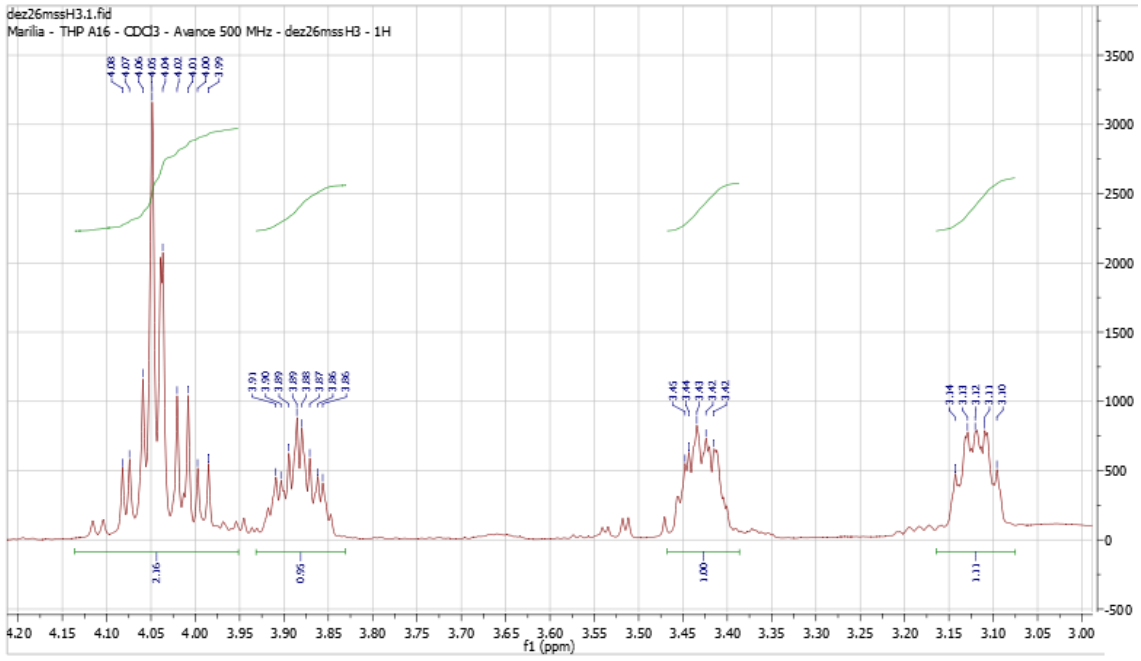

Figure S102. RMN ^{1}H spectrum enlargement of adduct **9h** (3.05 – 4.15ppm).

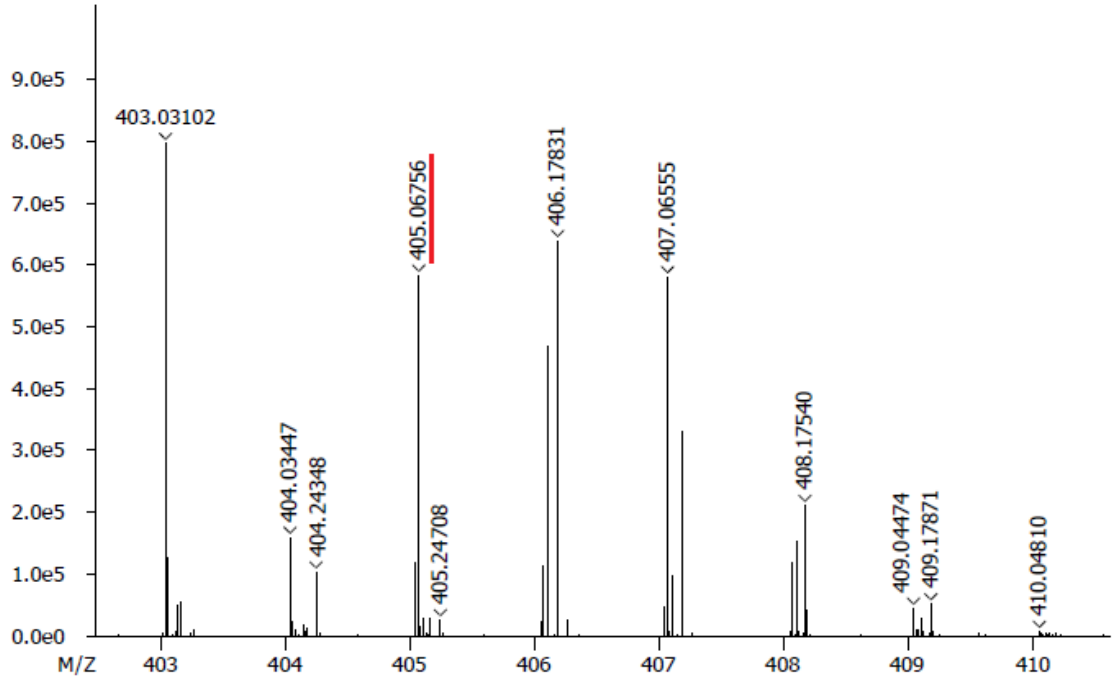

Figure S 103. HRMS spectrum of compound **9h**.