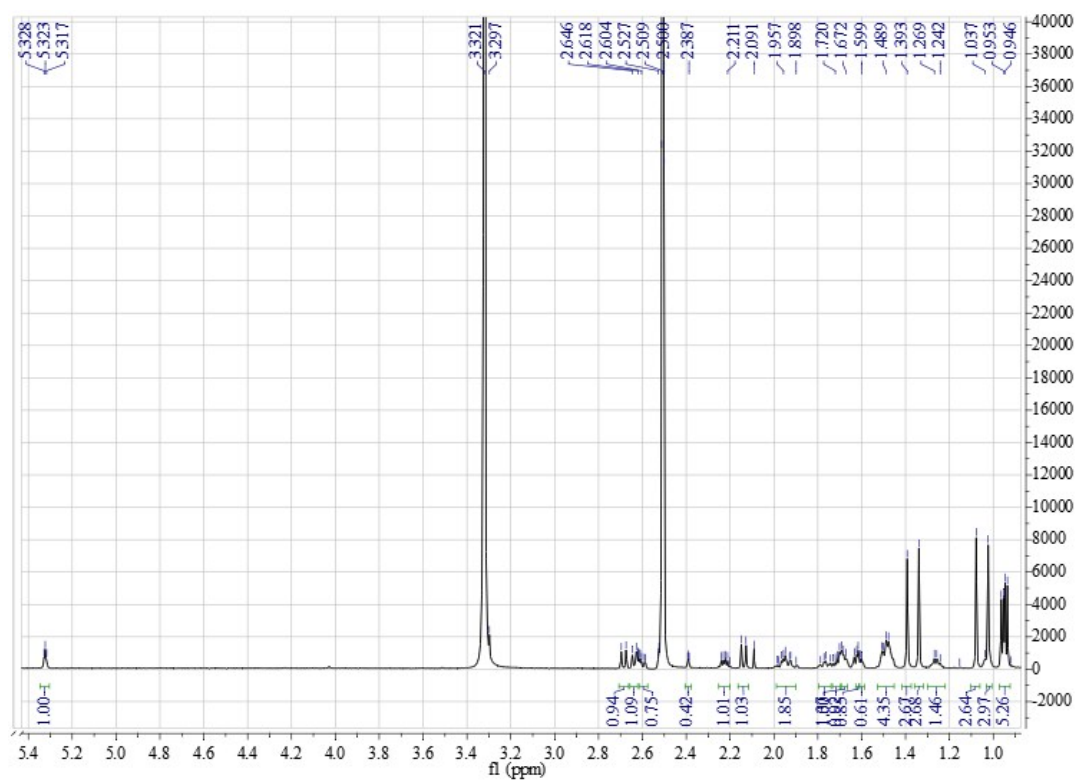
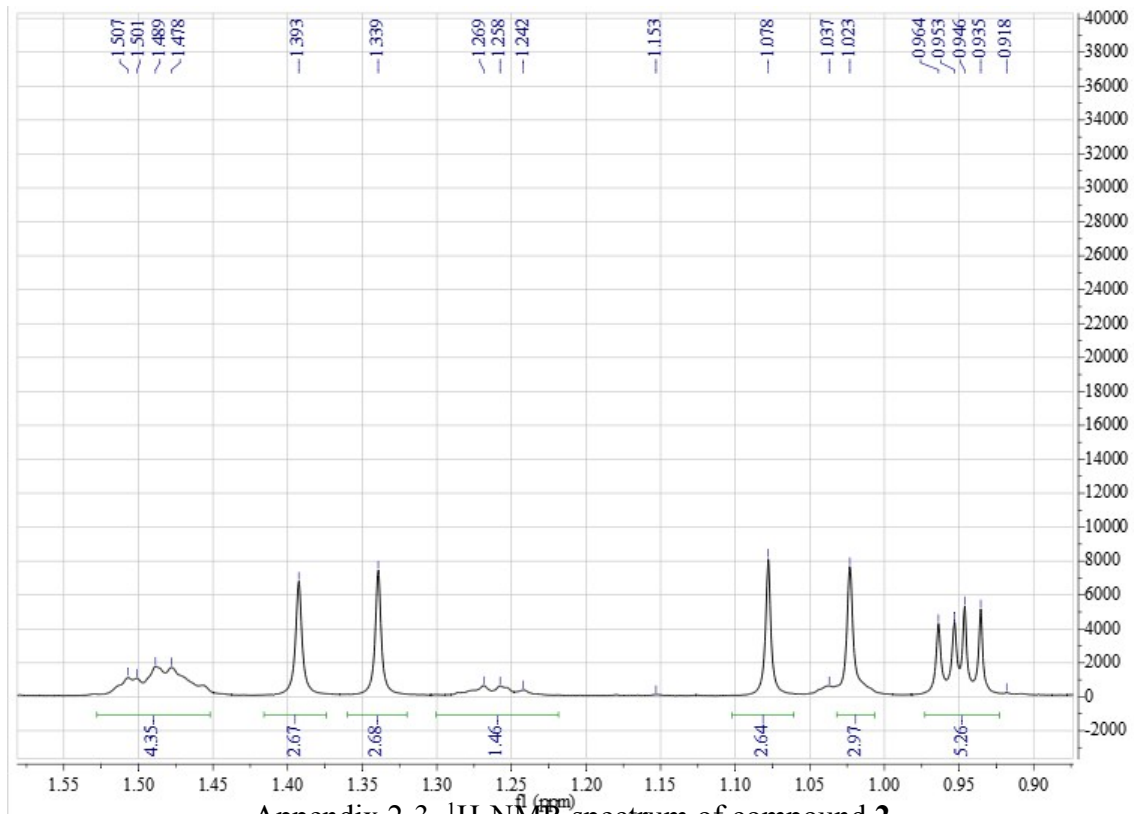


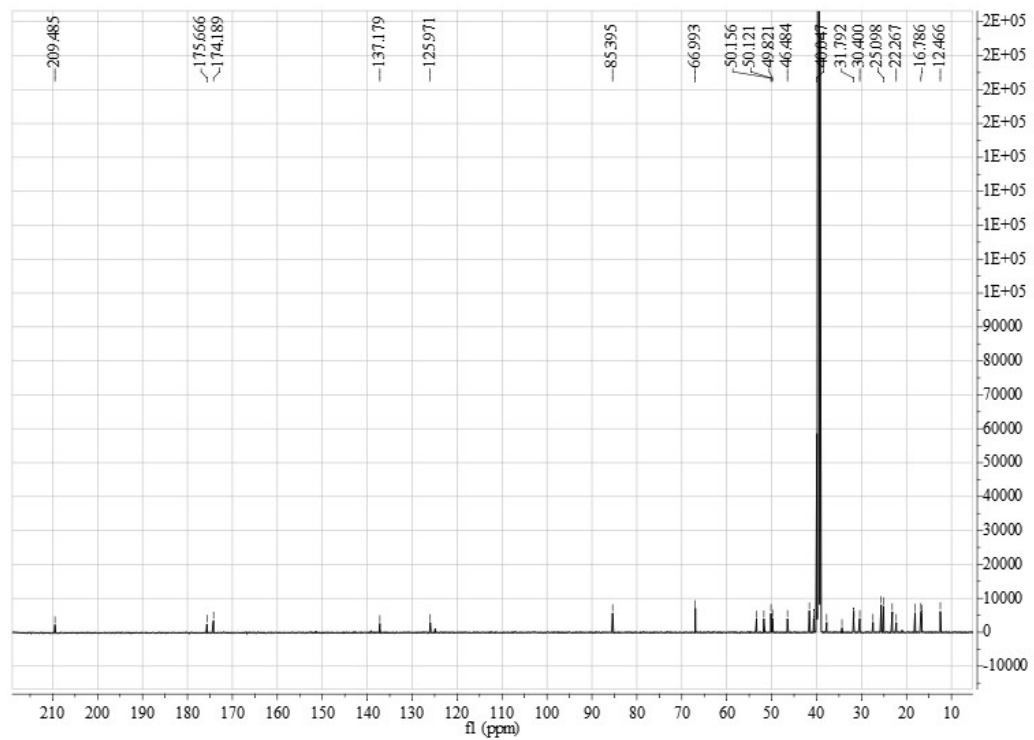
Appendix 2-1. Mass spectrum of compound 2.



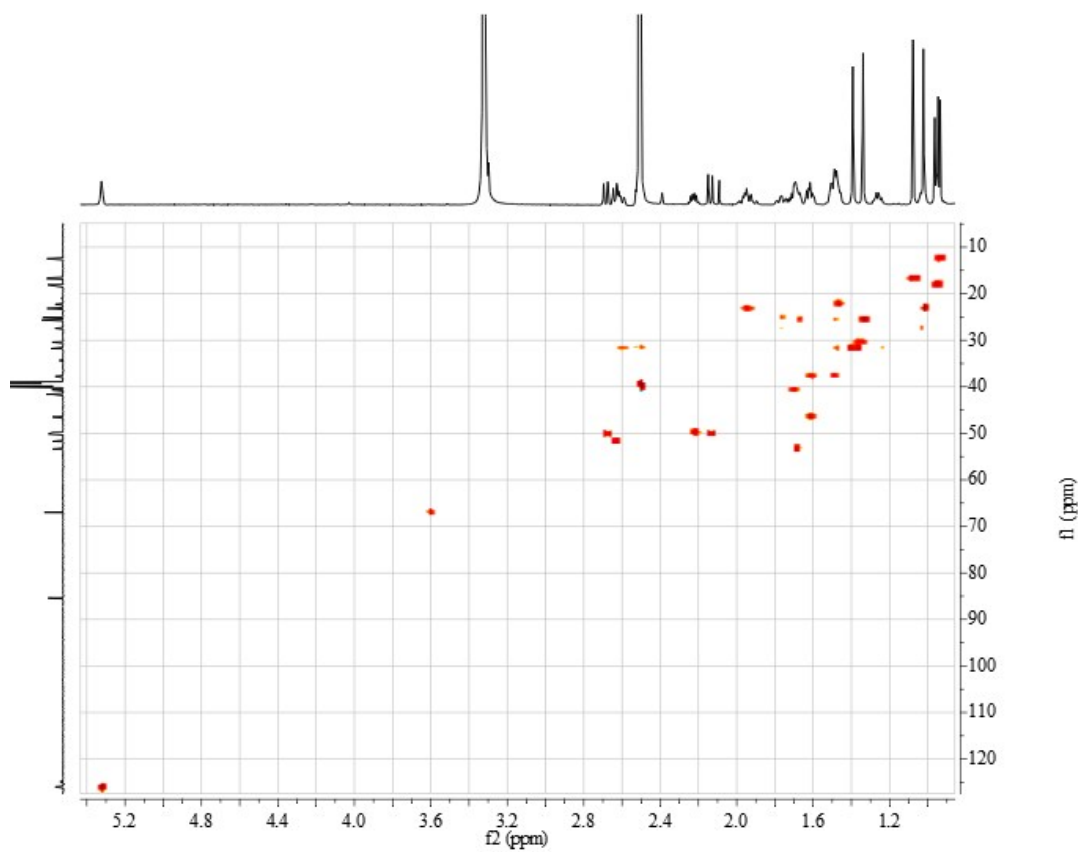
Appendix 2-2. ¹H-NMR spectrum of compound 2.



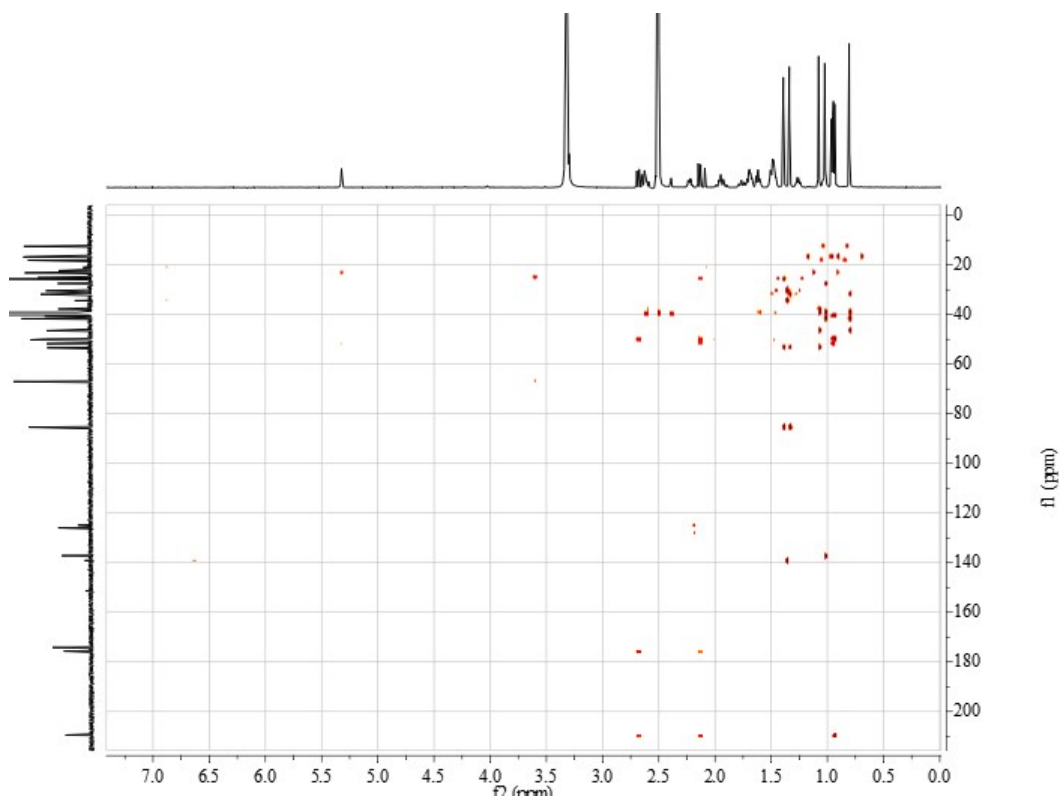
Appendix 2-3. ^1H -NMR spectrum of compound **2**.



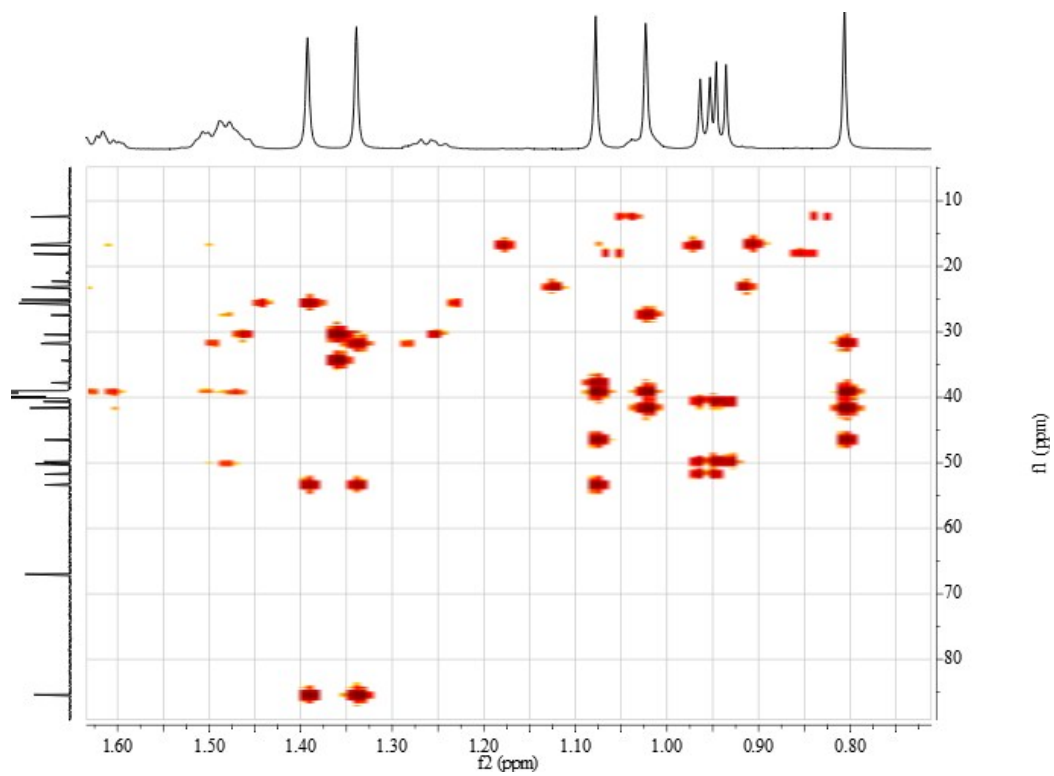
Appendix 2-4. ^{13}C -NMR spectrum of compound **2**.



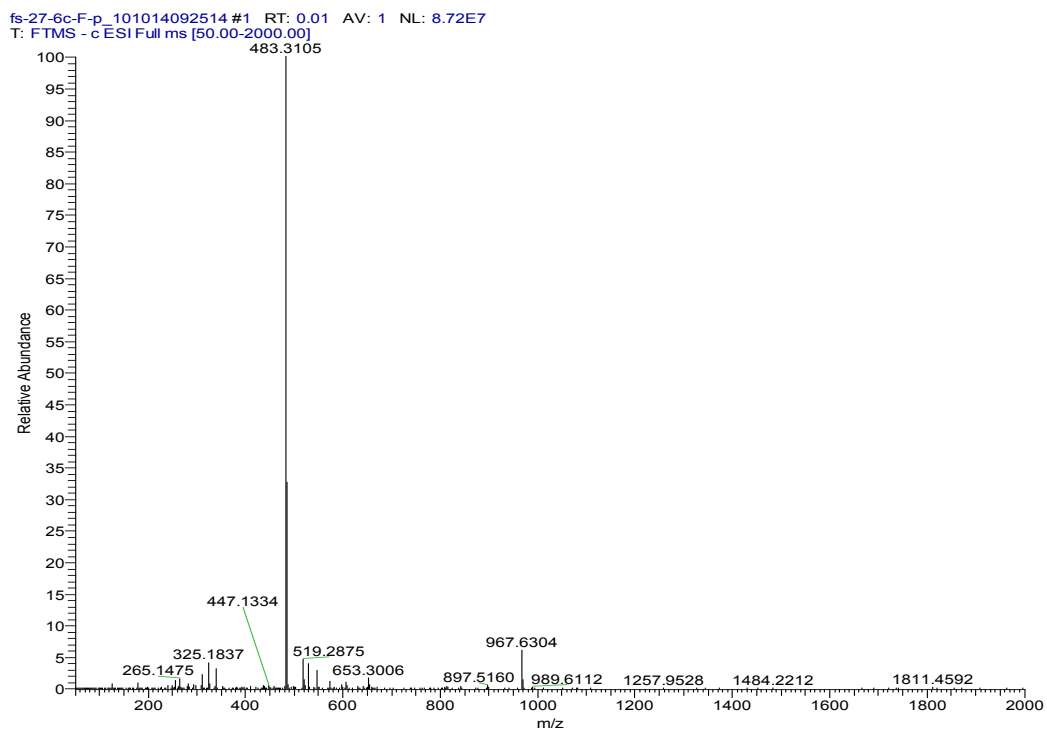
Appendix 2-5. HMBC spectrum of compound **2**.



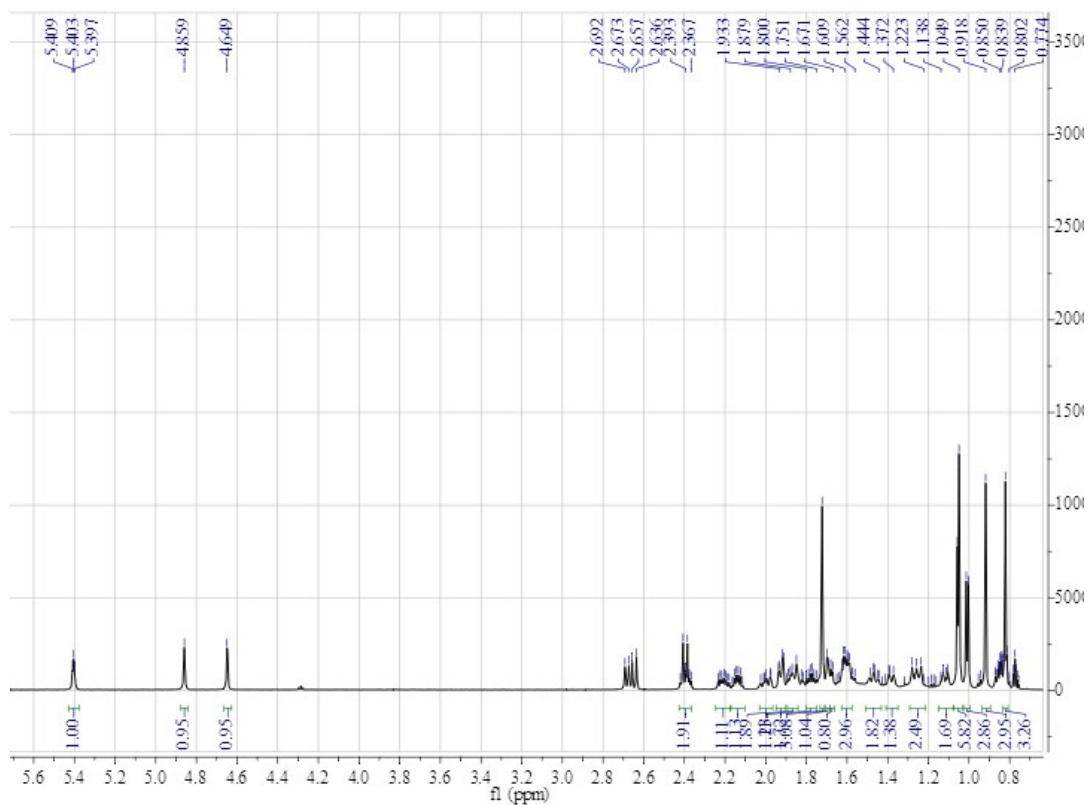
Appendix 2-6. HMBC spectrum of compound **2**.



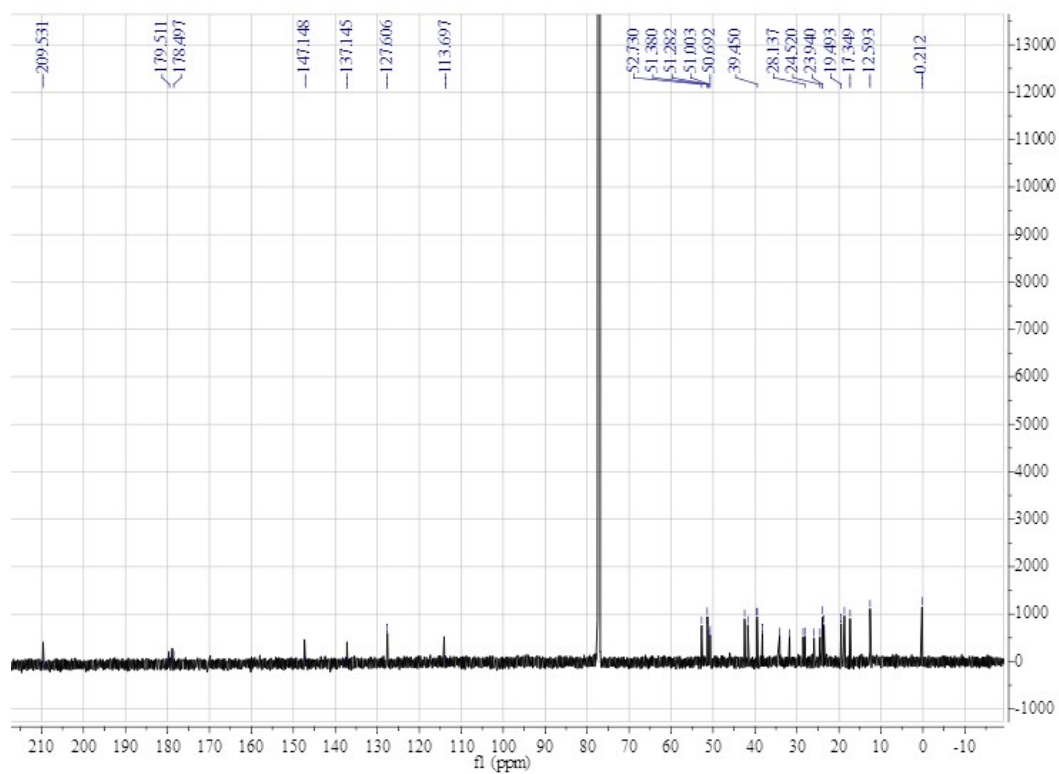
Appendix 2-7. HMBC spectrum of compound 2.



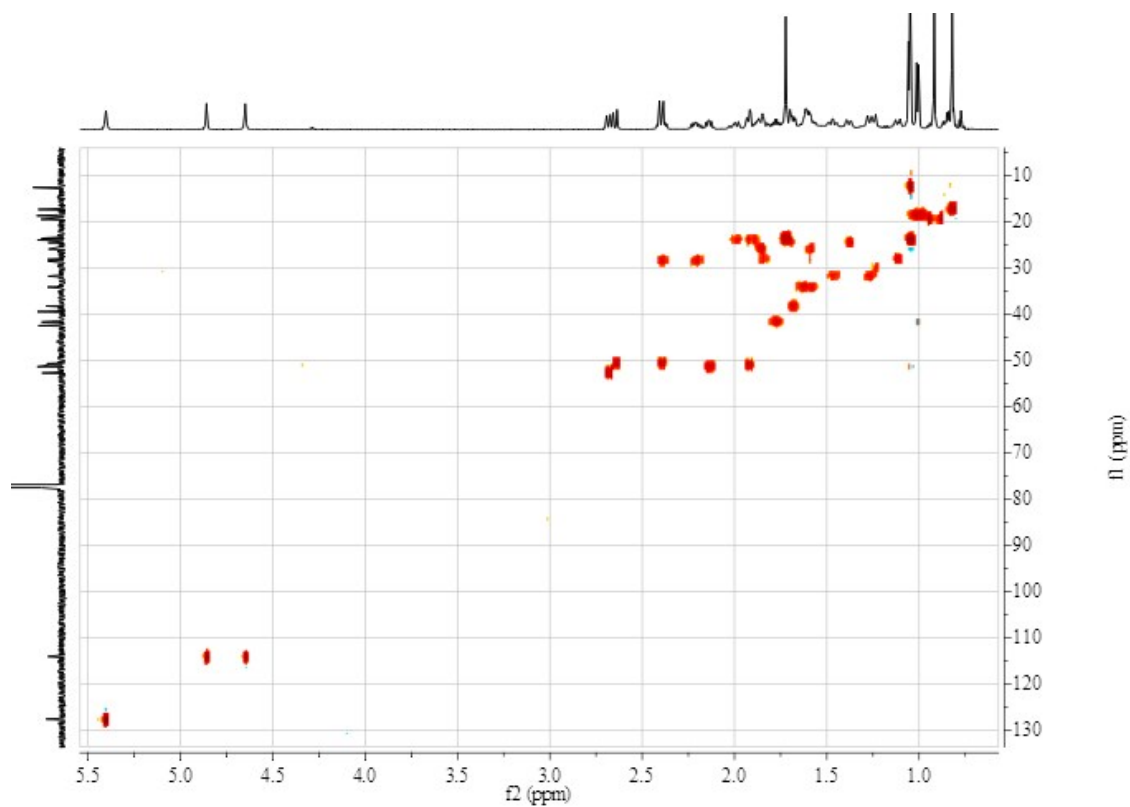
Appendix 3-1. Mass spectrum of compound 3.



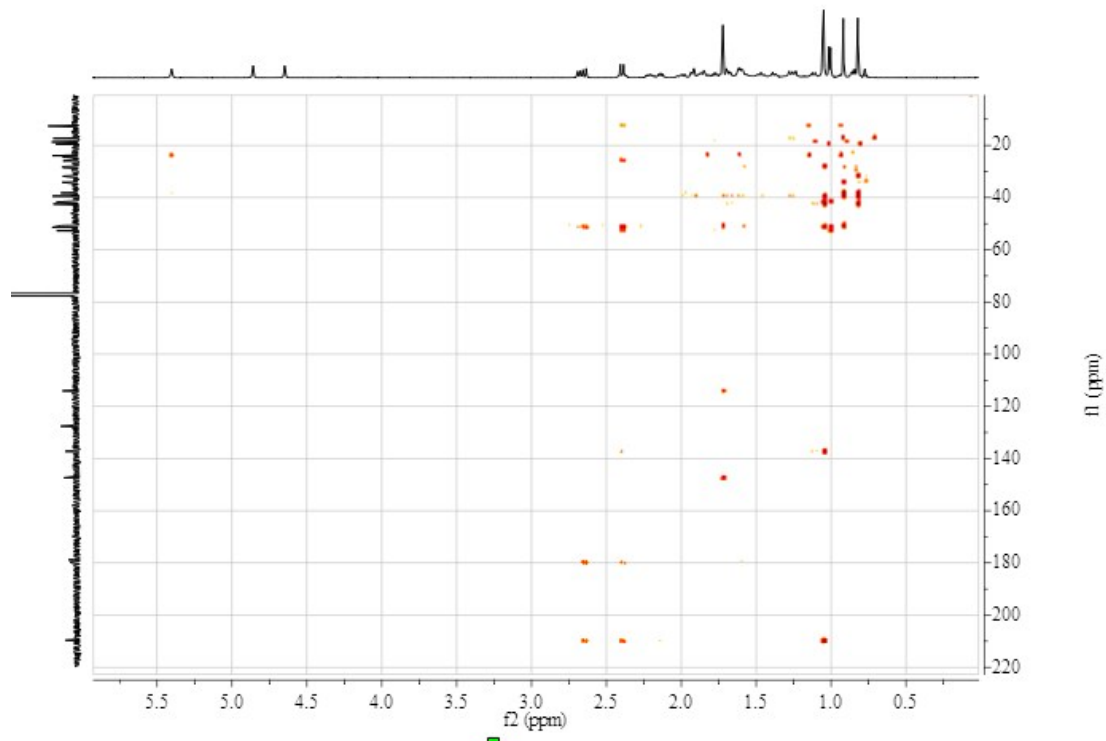
Appendix 3-2. ¹H-NMR spectrum of compound 3.



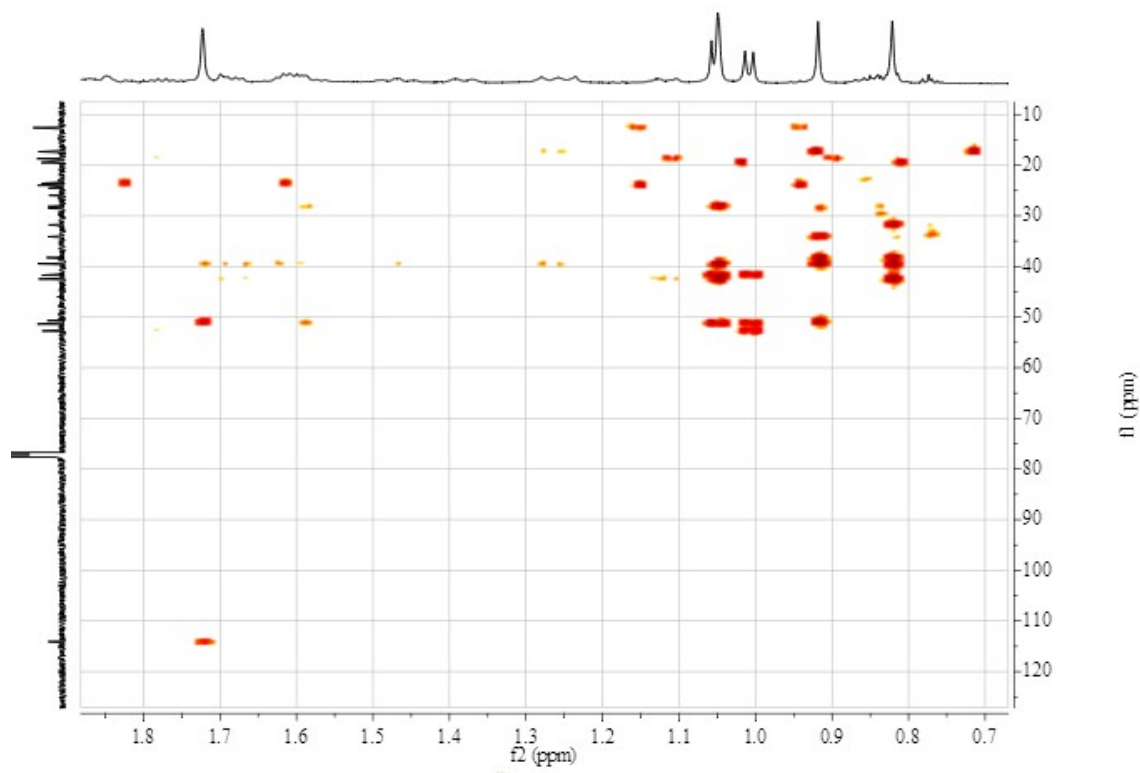
Appendix 3-3. ¹³C-NMR spectrum of compound 3.



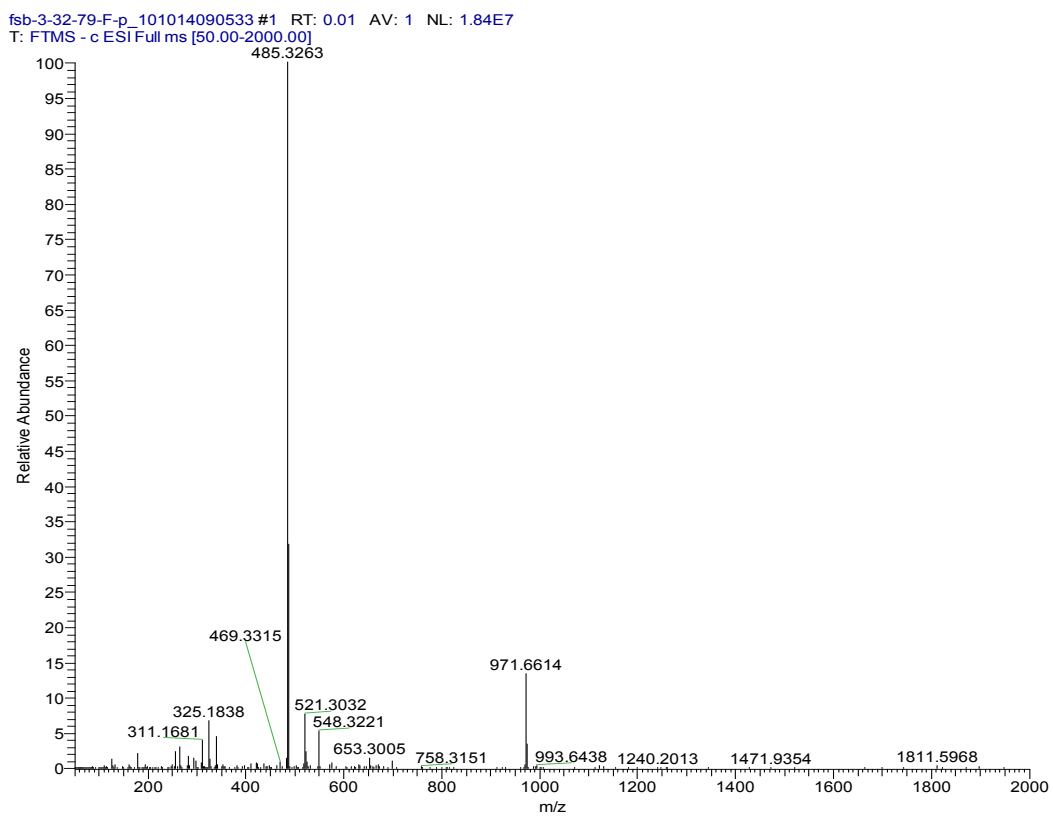
Appendix 3-4. HMQC spectrum of compound 3.



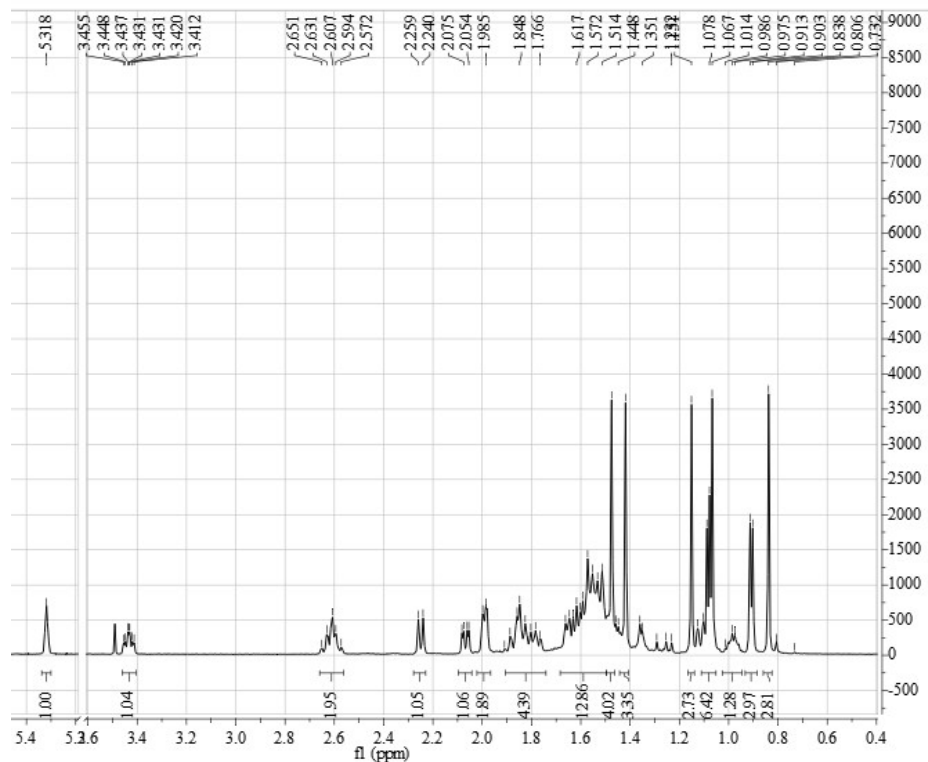
Appendix 3-5. HMBC spectrum of compound 3.



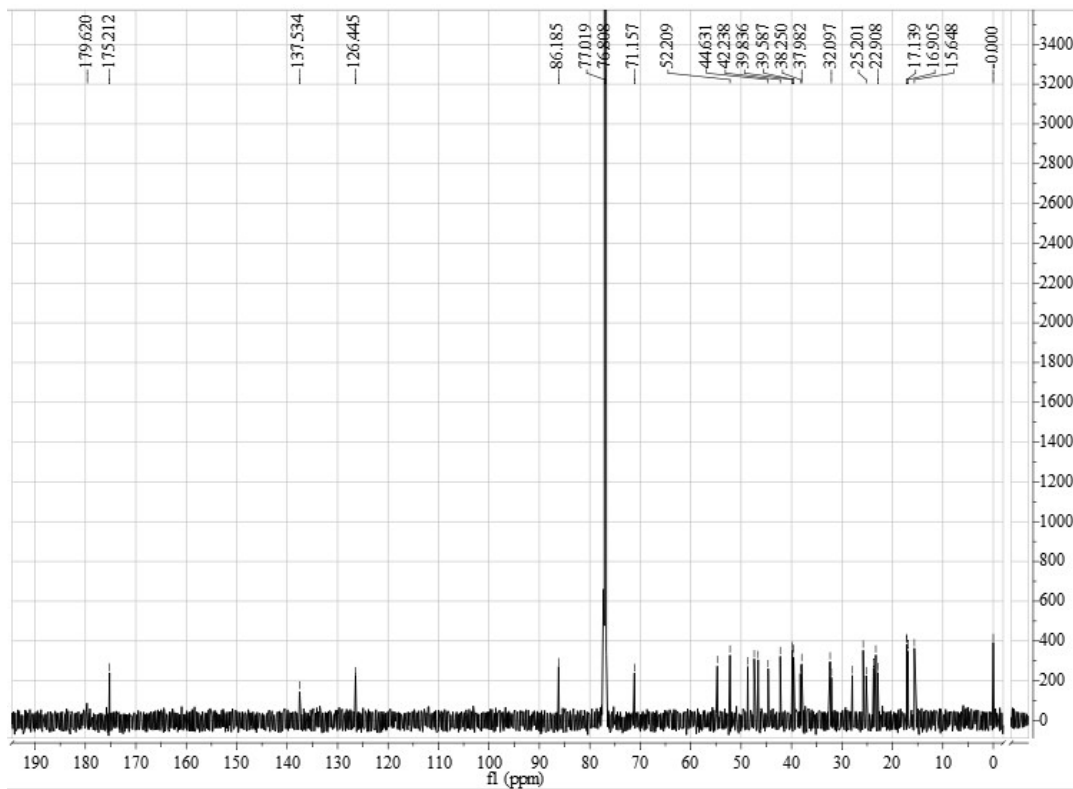
Appendix 3-6. HMBC spectrum of compound 3.



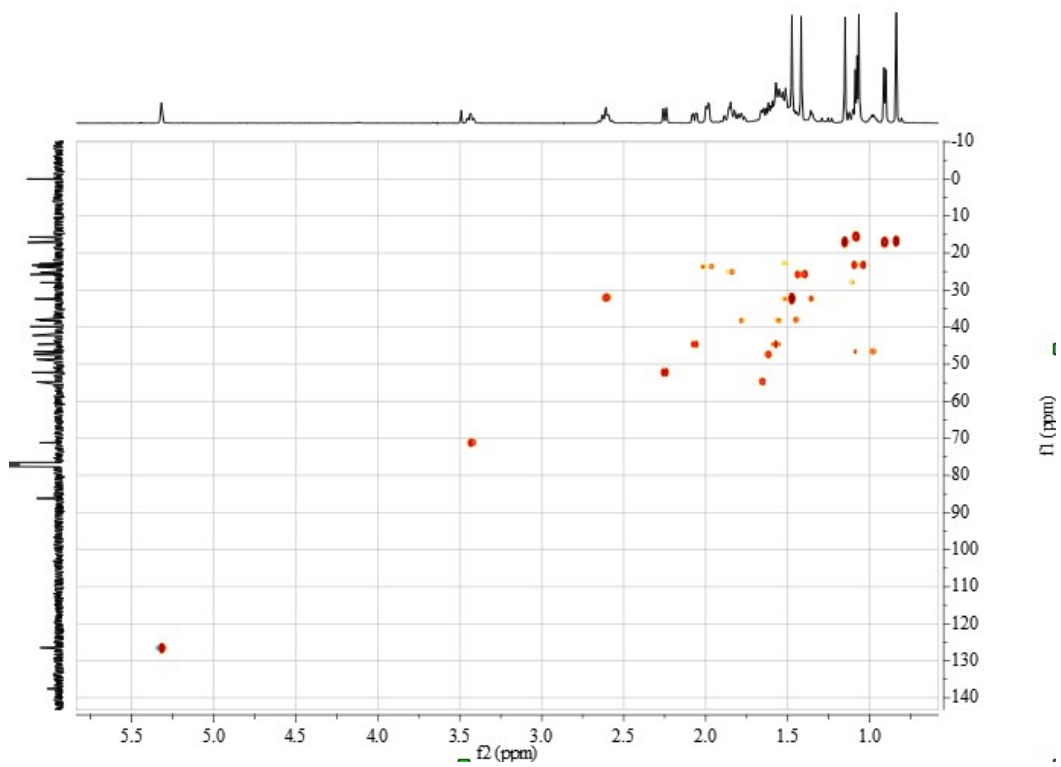
Appendix 4-1. Mass spectrum of compound 4.



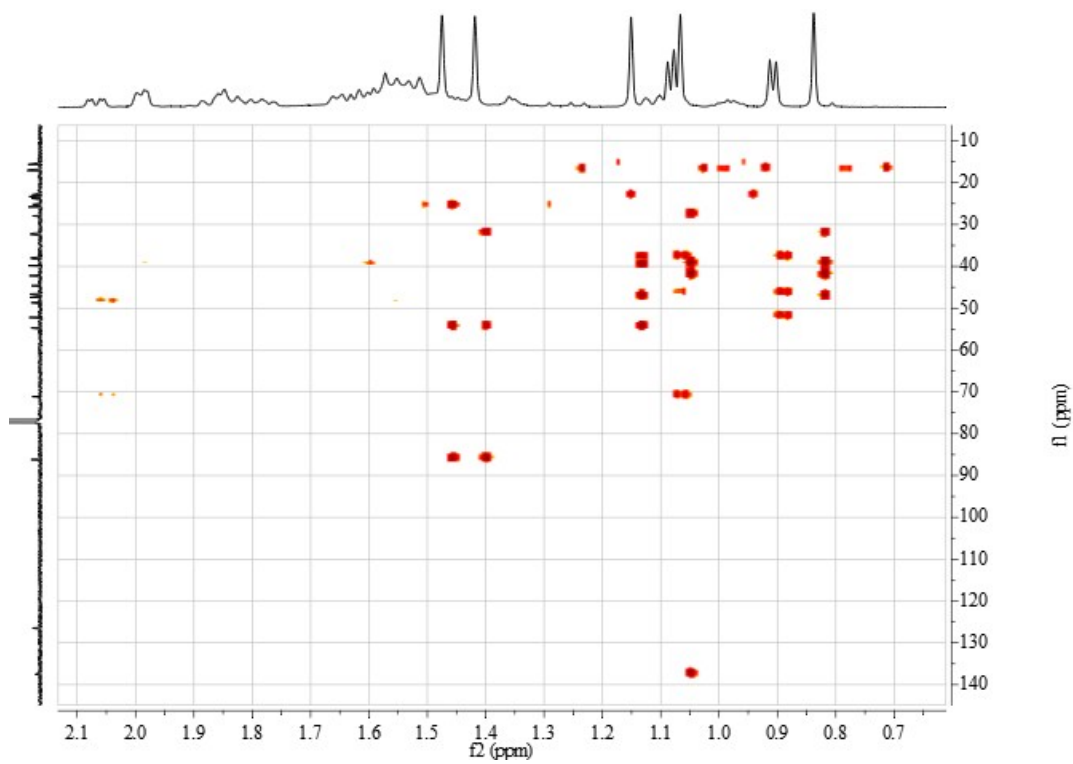
Appendix 4-2. ¹H-NMR spectrum of compound 4.



Appendix 4-3. ¹³C-NMR spectrum of compound 4.

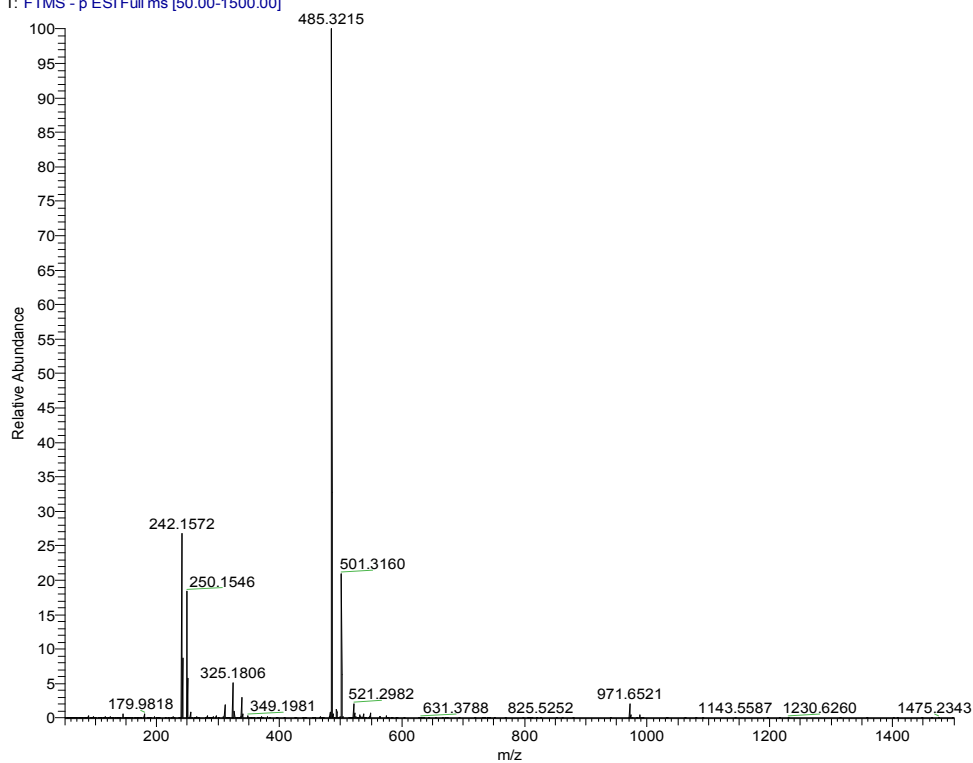


Appendix 4-4. HMBC spectrum of compound 4.

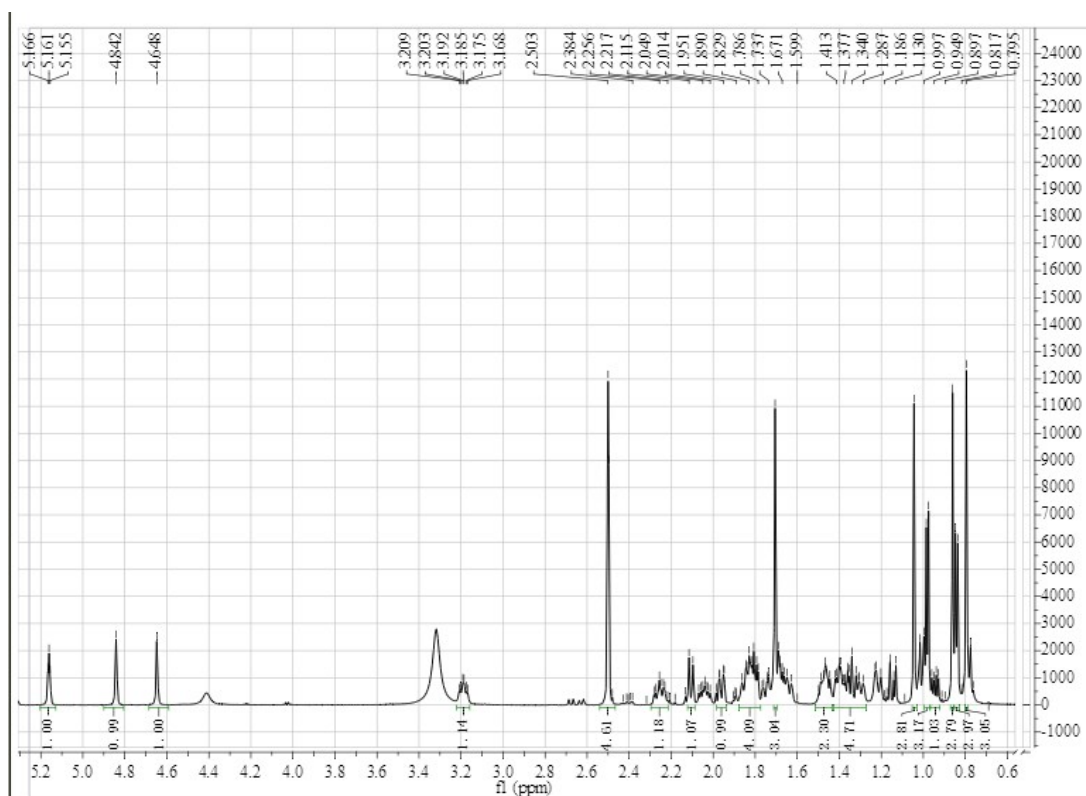


Appendix 4-5. HMBC spectrum of compound 4.

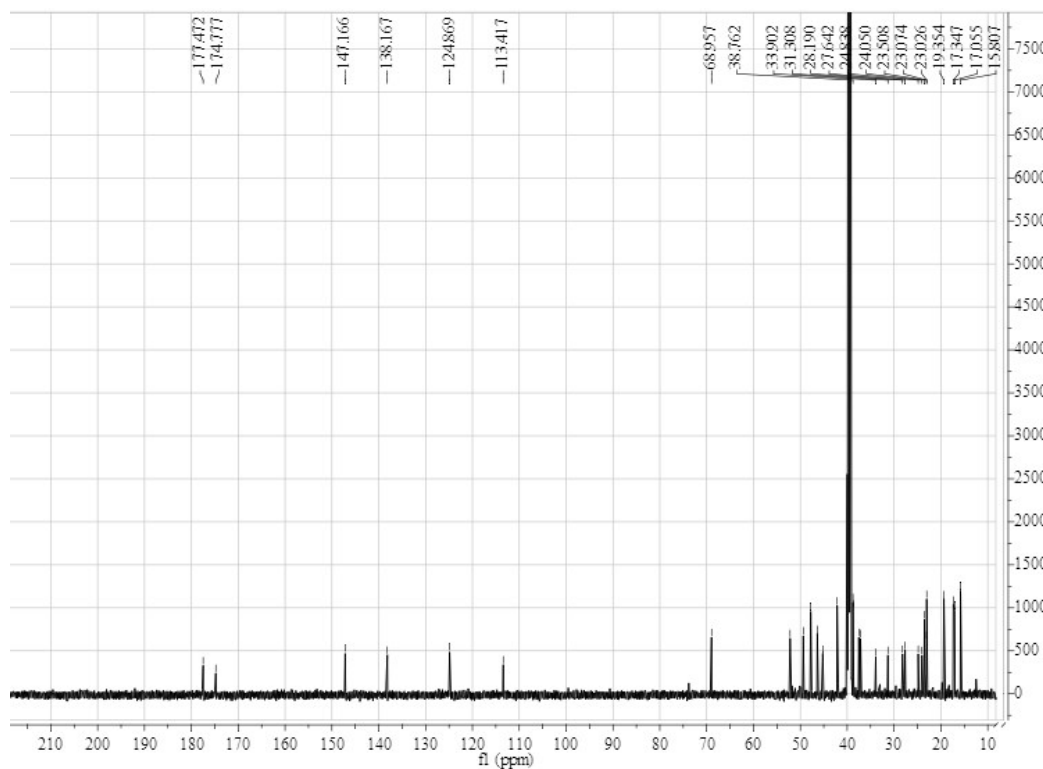
fsb-3-37FT_100702094549 #1 RT: 0.00 AV: 1 NL: 7.78E7
T: FTMS - p ESI Full ms [50.00-1500.00]



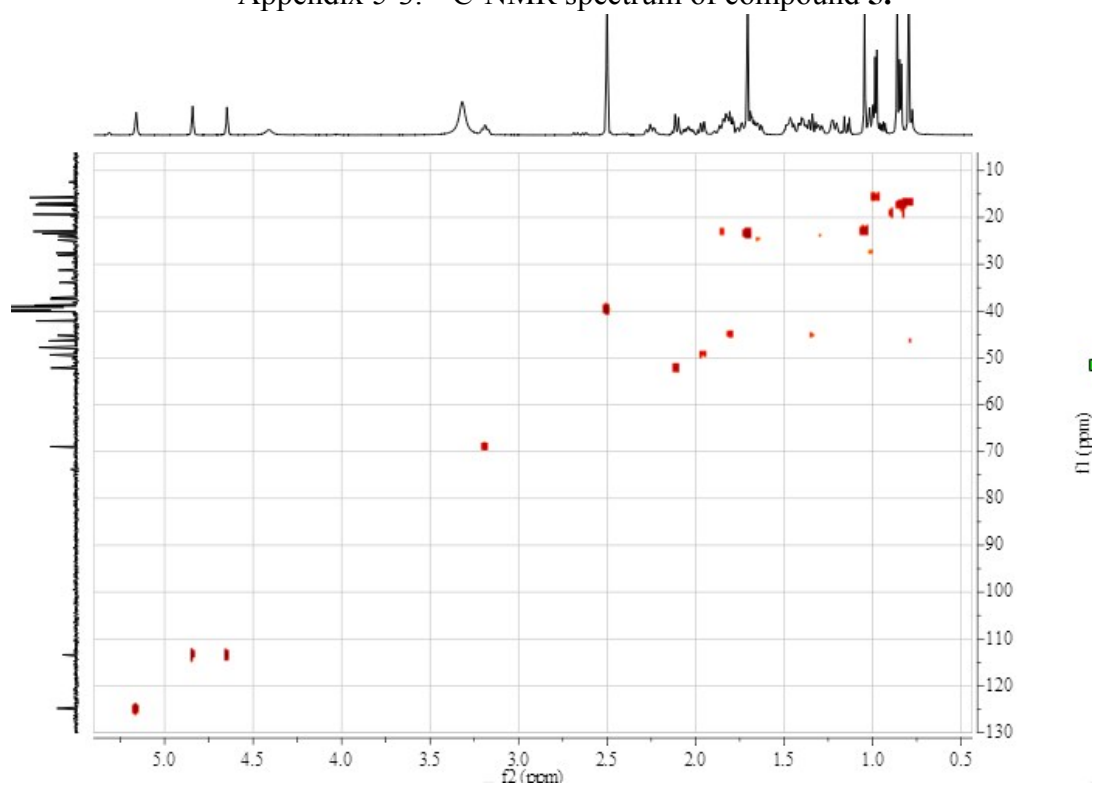
Appendix 5-1. Mass spectrum of compound 5.



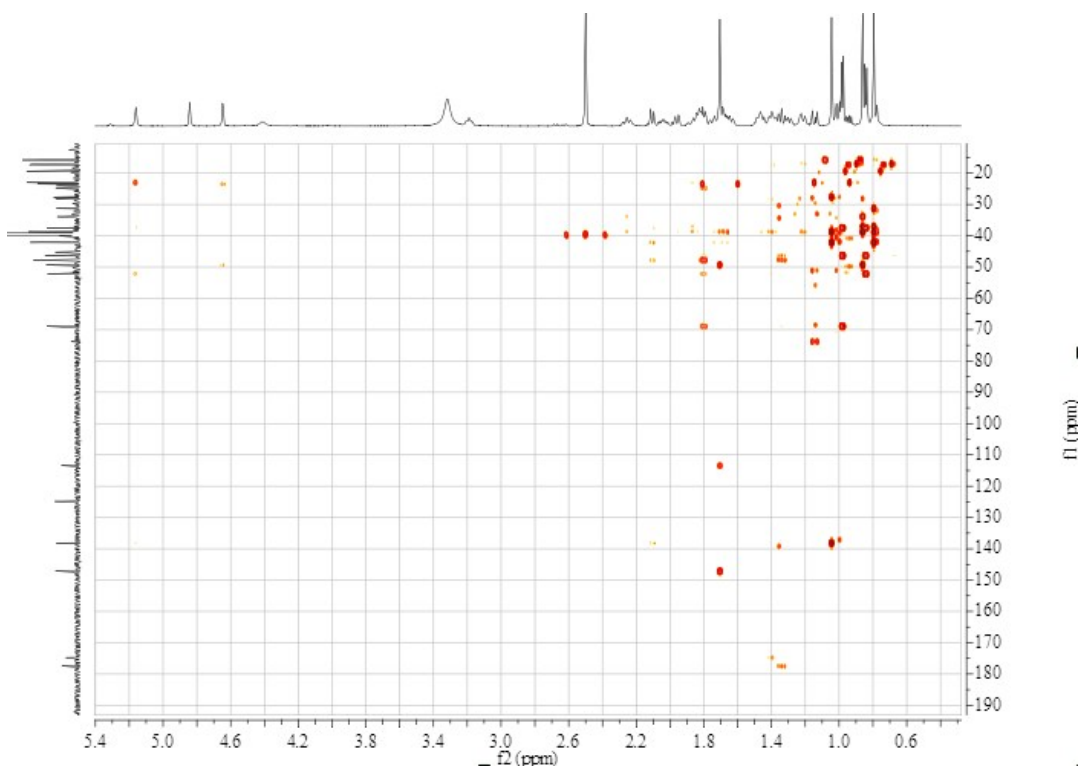
Appendix 5-2. ^1H -NMR spectrum of compound **5**.



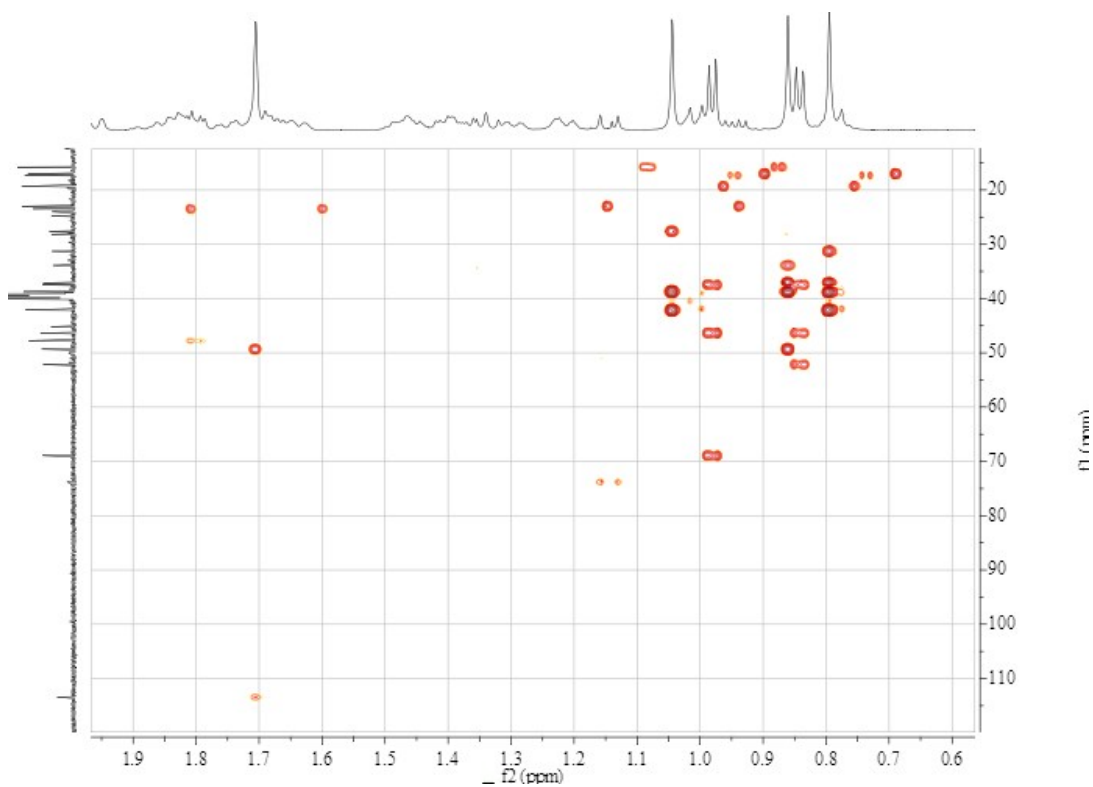
Appendix 5-3. ^{13}C -NMR spectrum of compound **5**.



Appendix 5-4. HMQC spectrum of compound **5**.



Appendix 5-5. HMBC spectrum of compound **5**.



Appendix 5-6. HMBC spectrum of compound **5**.