

Supporting information

Neocosmospora sp-derived resorcylic acid lactones with in vitro binding affinity for human opioid and cannabinoid receptors

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Figure 1. ^1H NMR Spectrum of Neocosmosin A (**2**) in CDCl_3 (500 MHz)

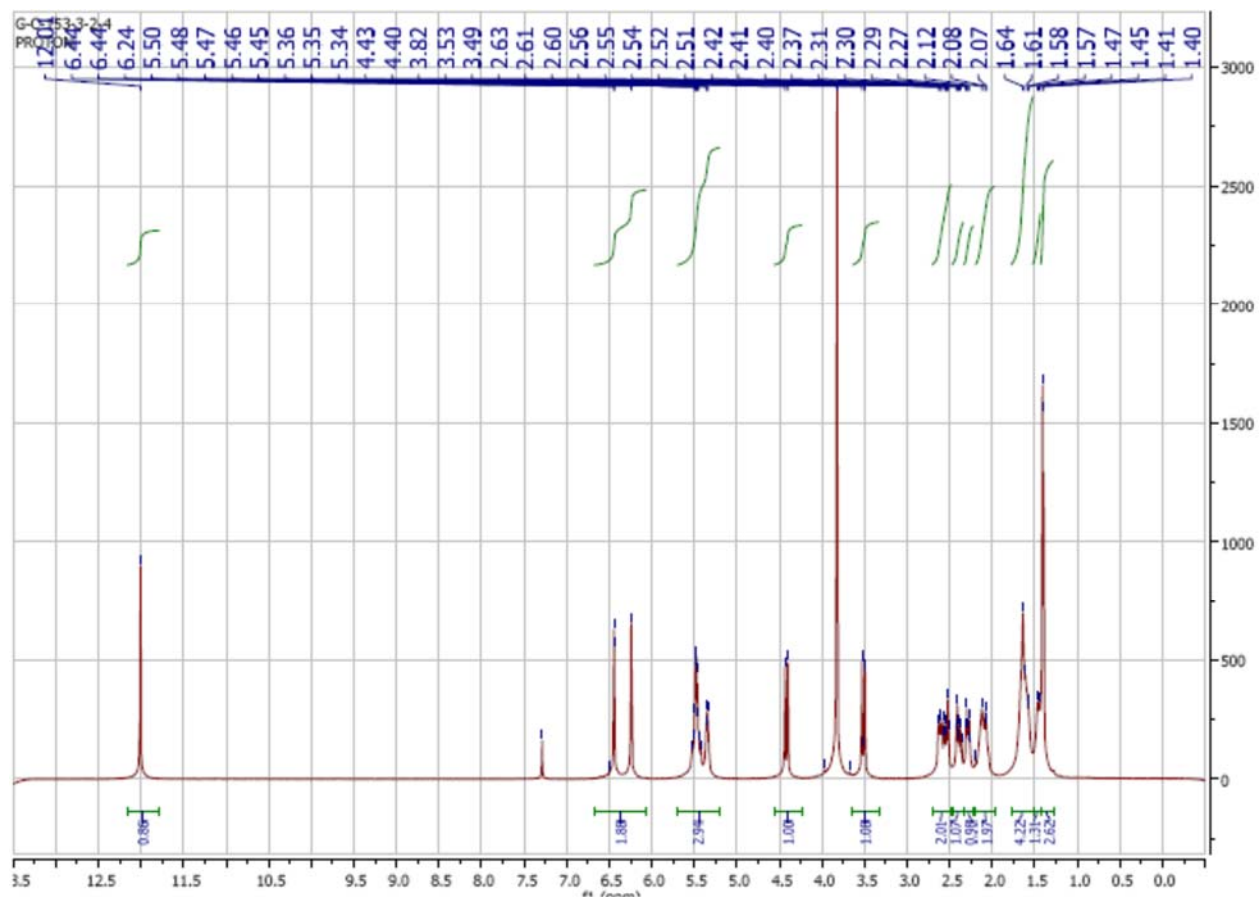


Figure 2. ^{13}C NMR Spectrum of Neocosmosin A (2) in CDCl_3 (125 MHz)

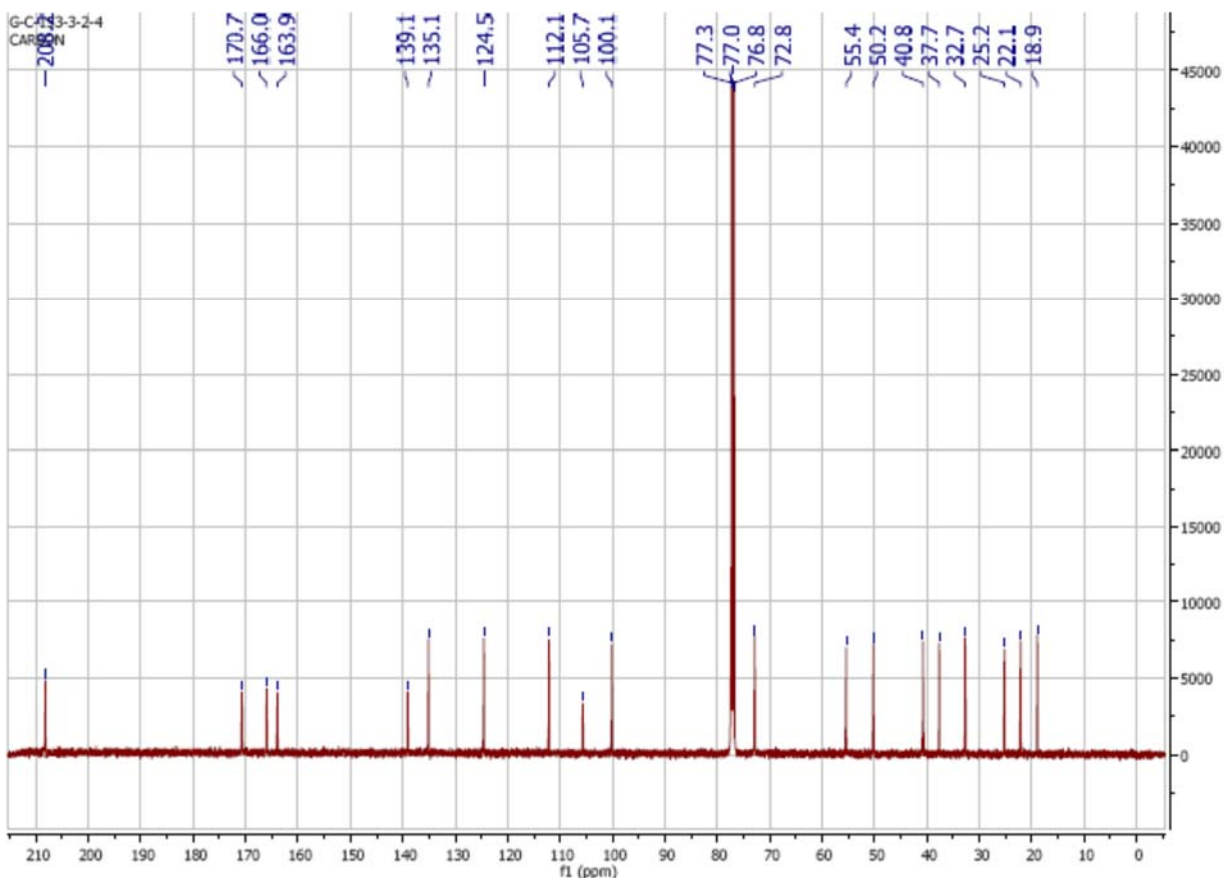


Figure 3. DEPT 135° Spectrum of Neocosmosin A (**2**) in CDCl₃ (125 MHz)

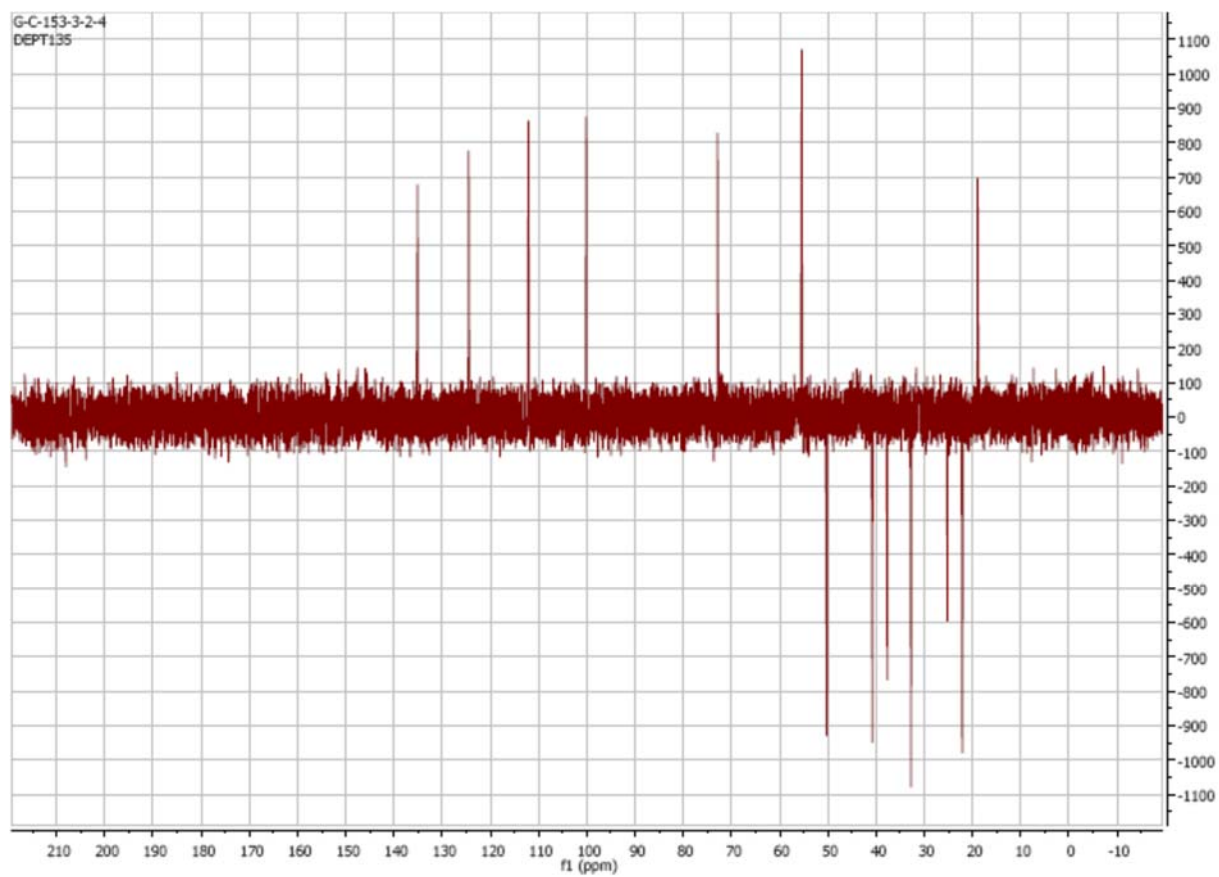


Figure 4. HMQC Spectrum of Neocosmosin A (**2**) in CDCl₃ (500 MHz)

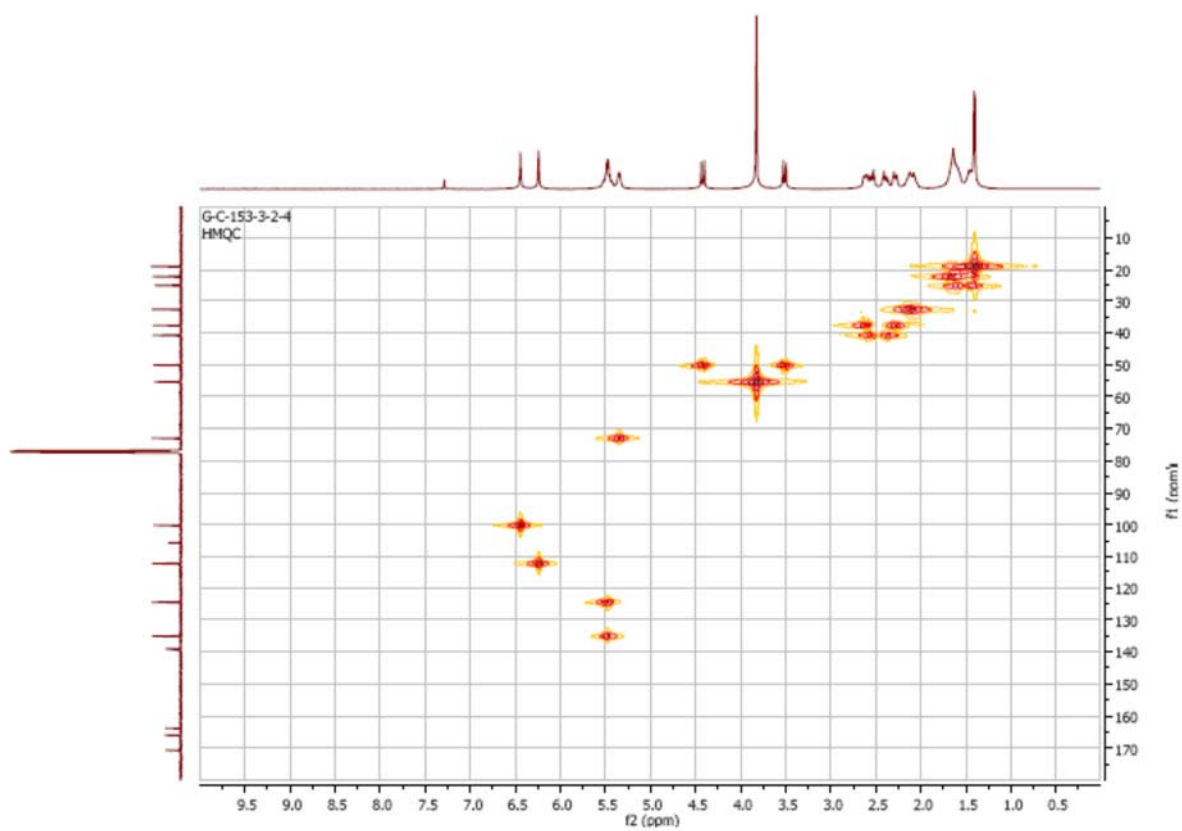


Figure 5. HMBC Spectrum of Neocosmosin A (2) in CDCl₃ (500 MHz)

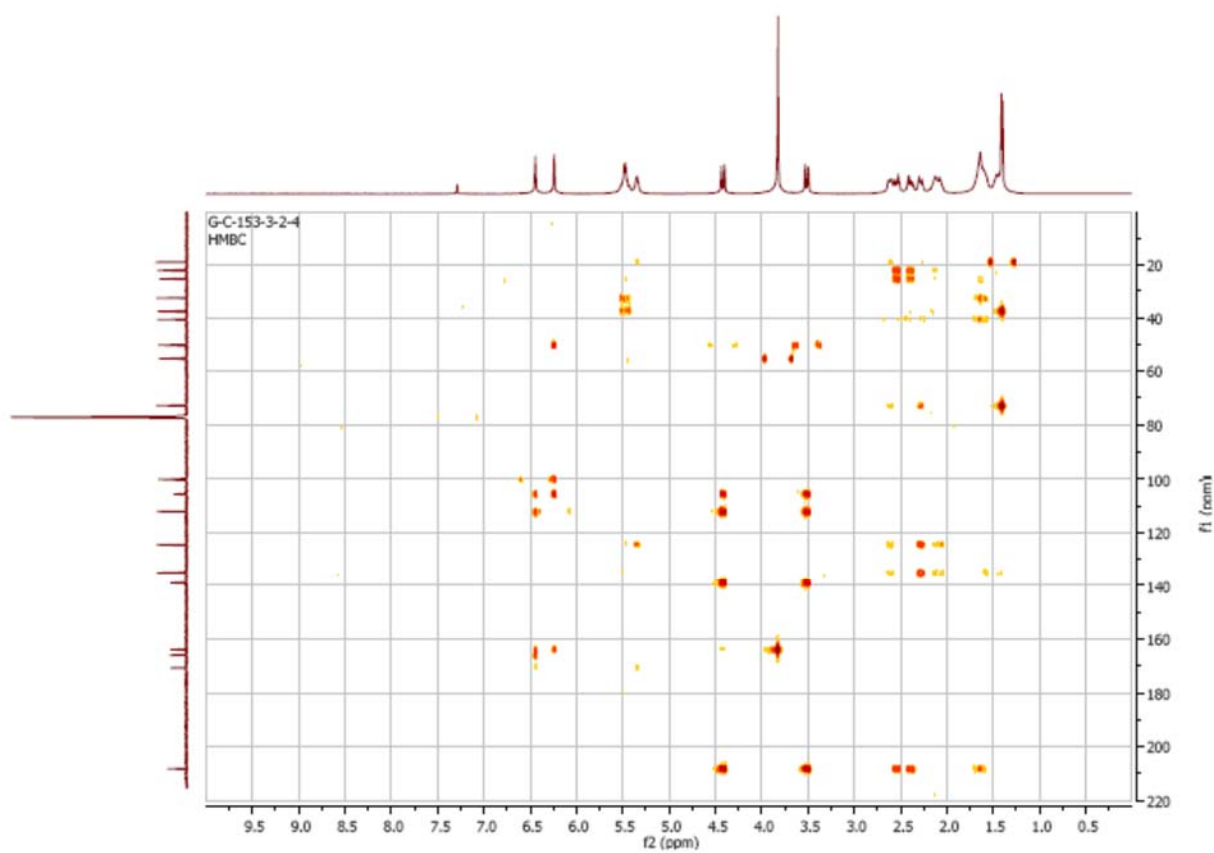


Figure 6. COSY Spectrum of Neocosmosin A (**2**) in CDCl₃ (500 MHz)

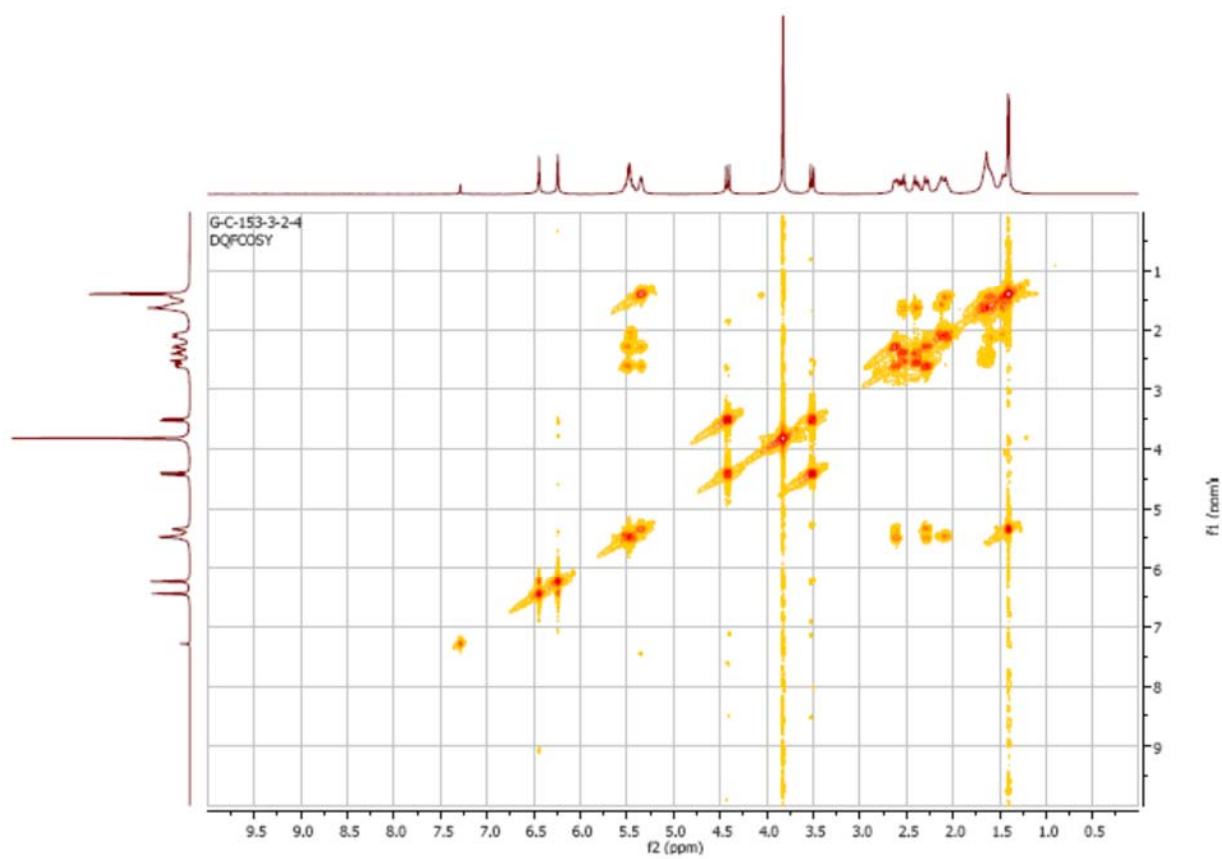


Figure 7. ^1H -NMR Spectrum of Neocosmosin B (**3**) in CDCl_3 (500 MHz)

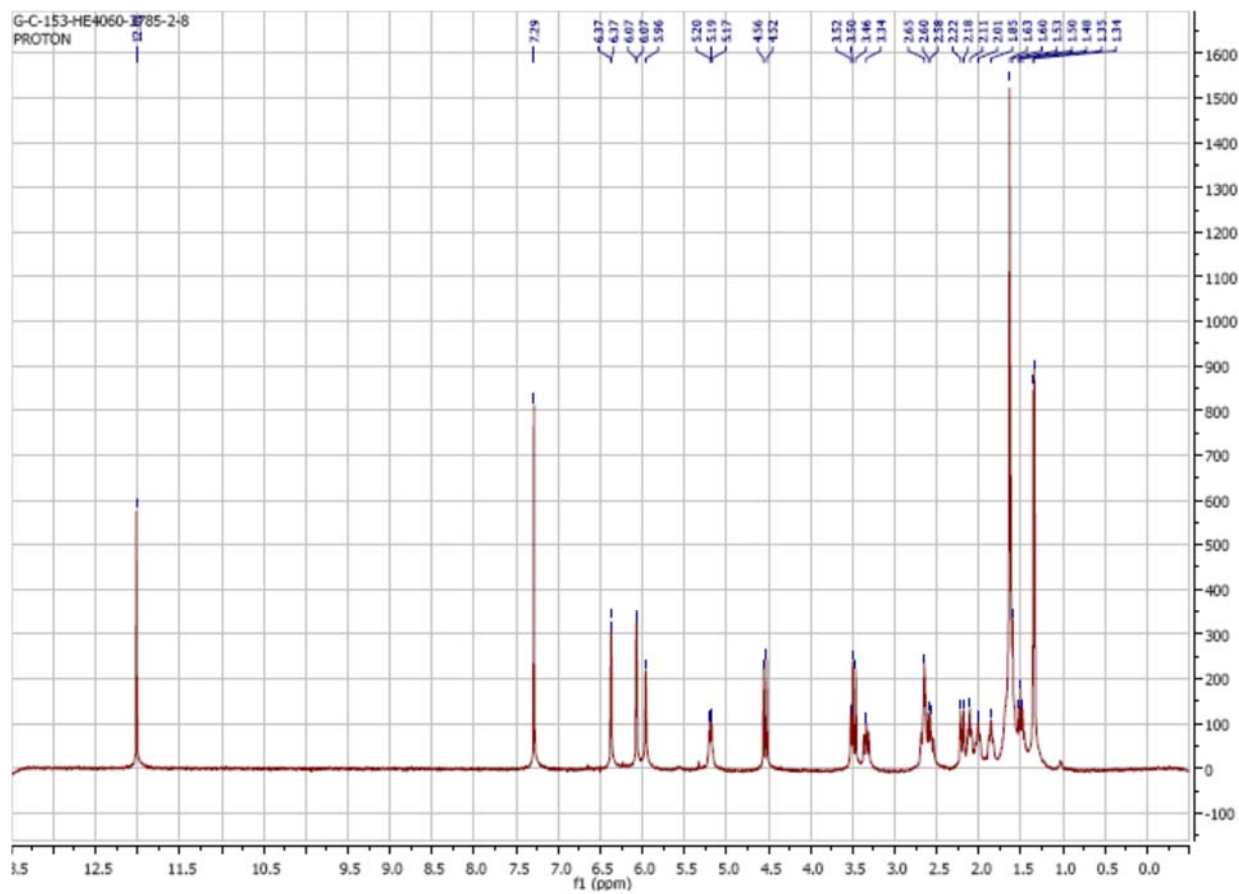


Figure 8. ^{13}C -NMR Spectrum of Neocosmosin B (**3**) in CDCl_3 (125 MHz)

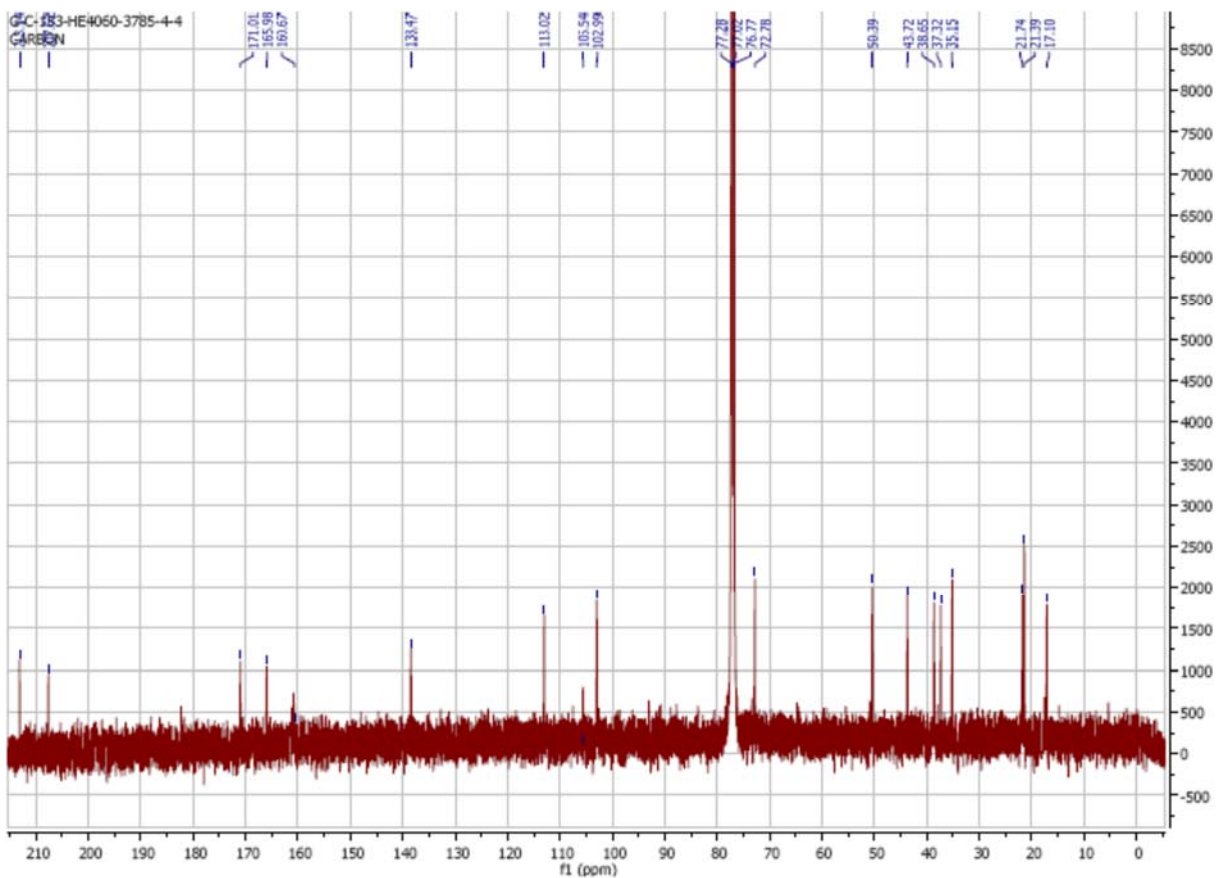


Figure 9. DEPT 135° Spectrum of Neocosmosin B (**3**) in CDCl₃ (125 MHz)

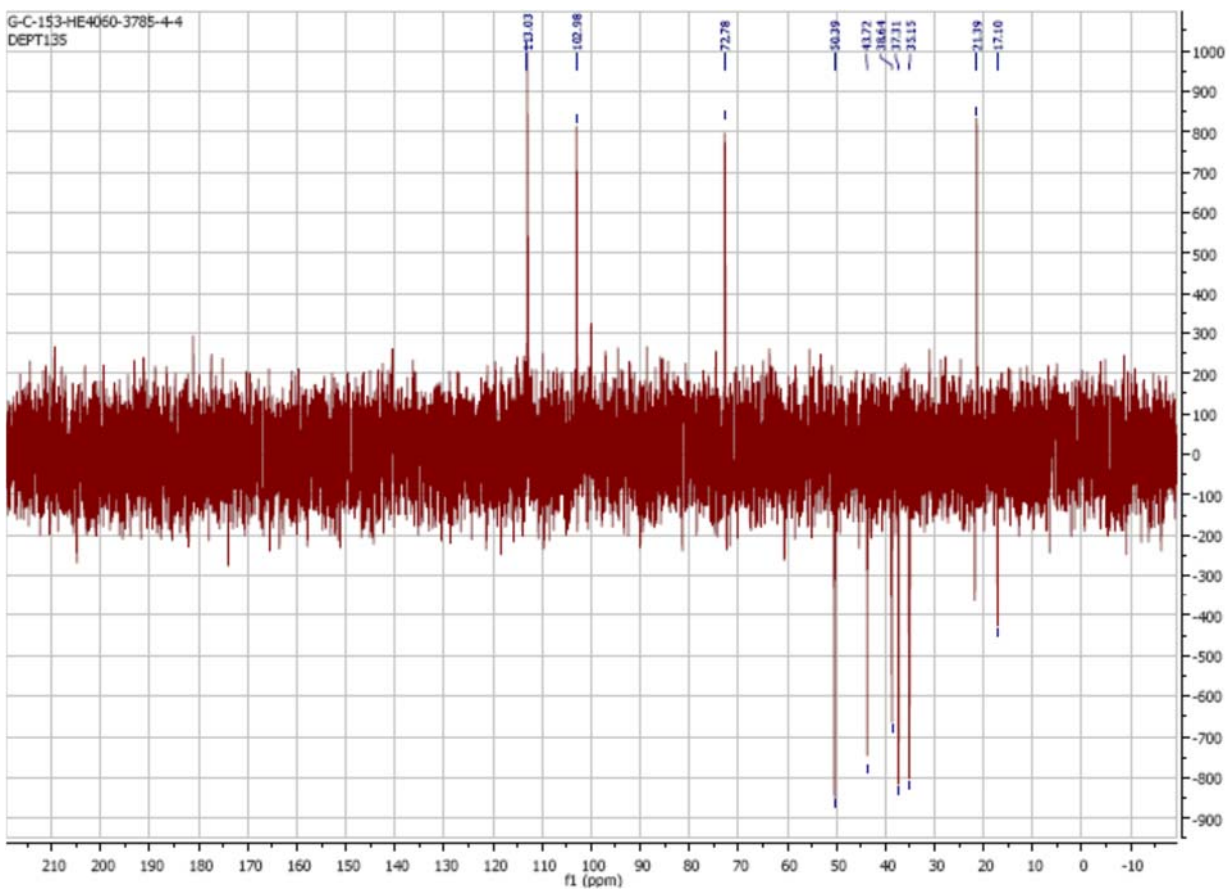


Figure 10. HMQC Spectrum of Neocosmosin B (**3**) in CDCl₃ (500 MHz)

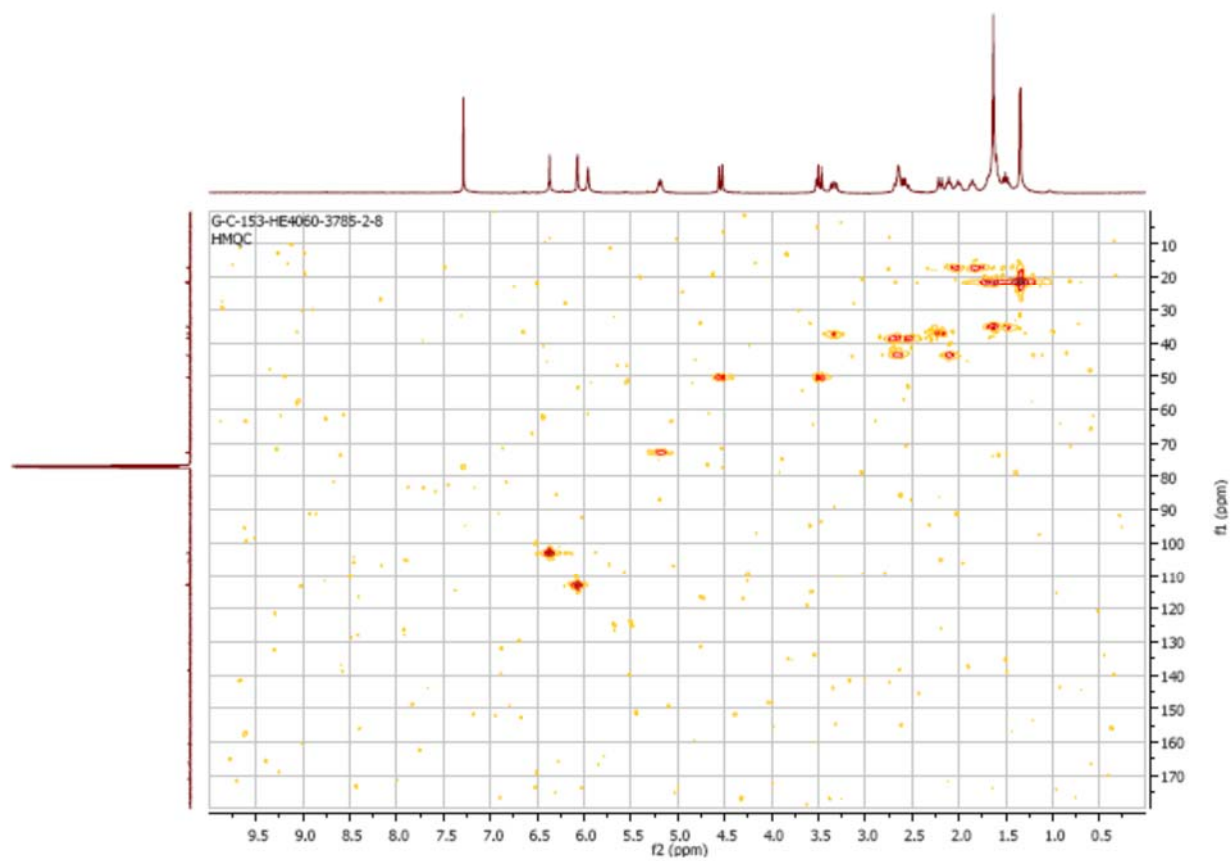


Figure 11. COSY Spectrum of Neocosmosin B (**3**) in CDCl₃ (500 MHz)

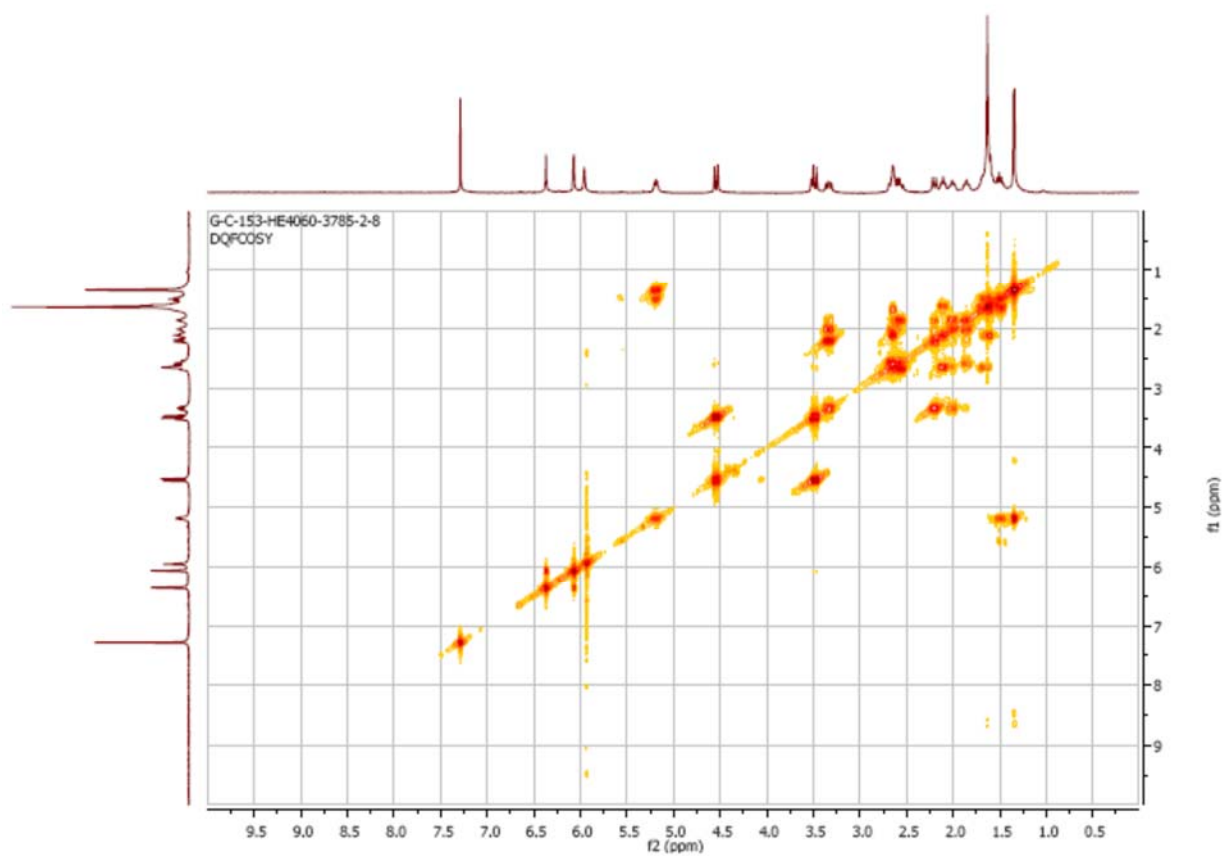


Figure 12. HMBC Spectrum of Neocosmosin B (**3**) in CDCl₃ (500 MHz)

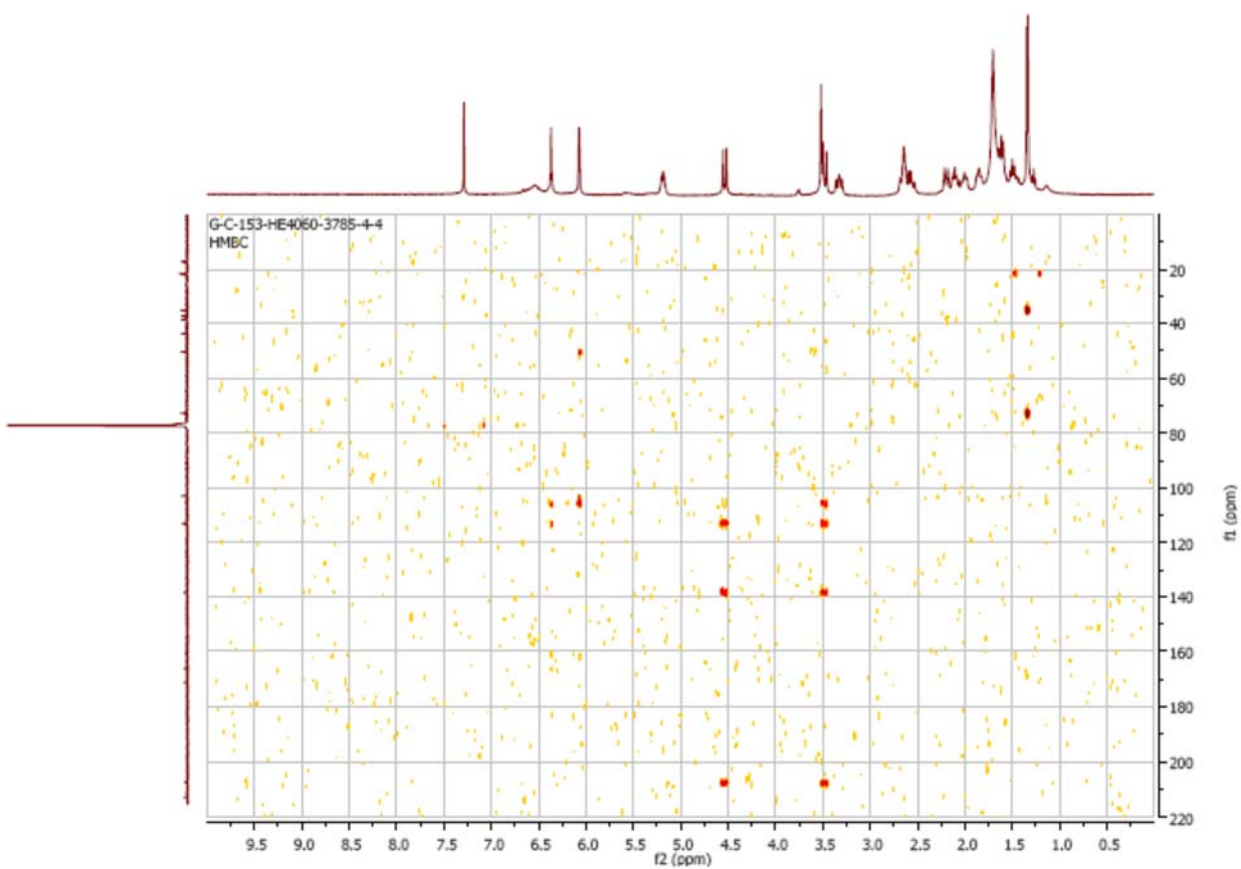


Figure 13. ^1H -NMR Spectrum of Neocosmosin C (**4**) in CDCl_3 (500 MHz)

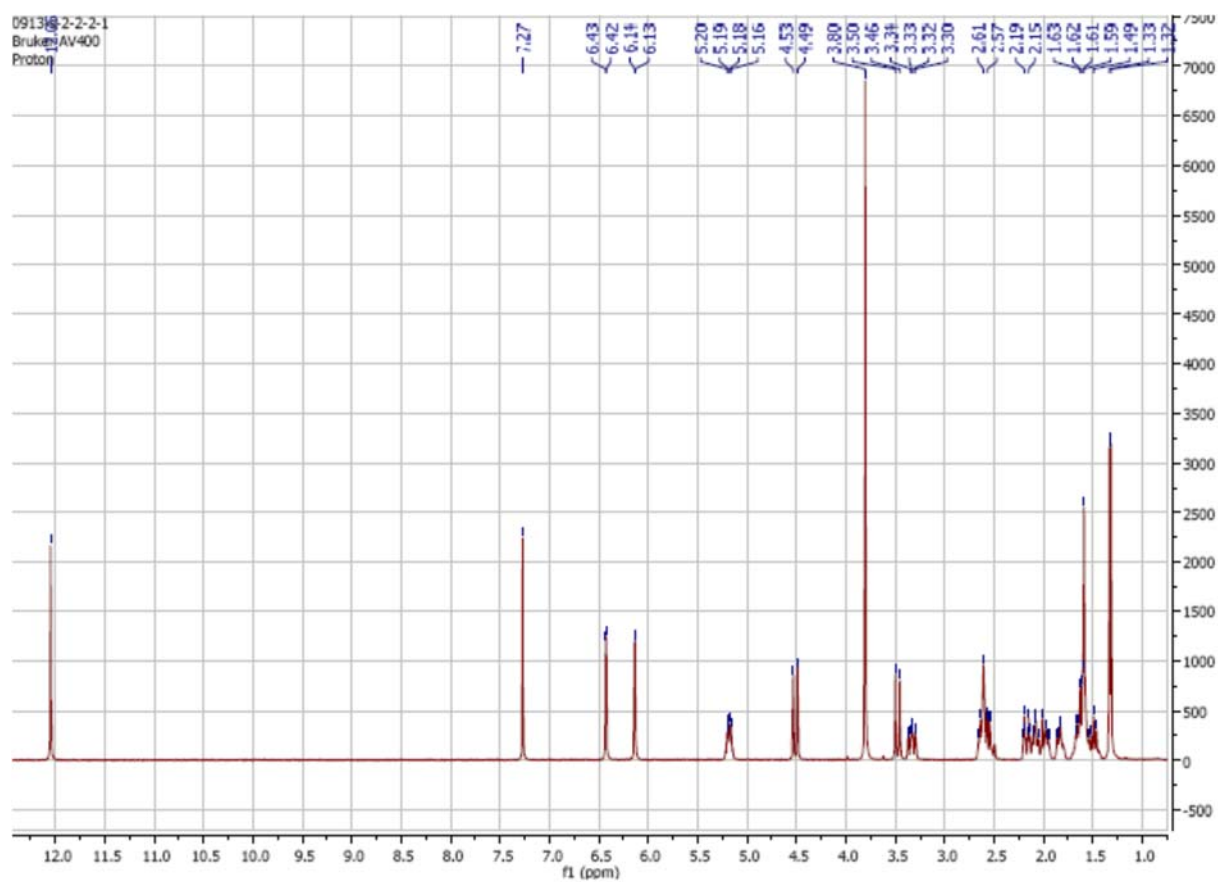


Figure 14. ^{13}C -NMR Spectrum of Neocosmosin C (**4**) in CDCl_3 (125 MHz)

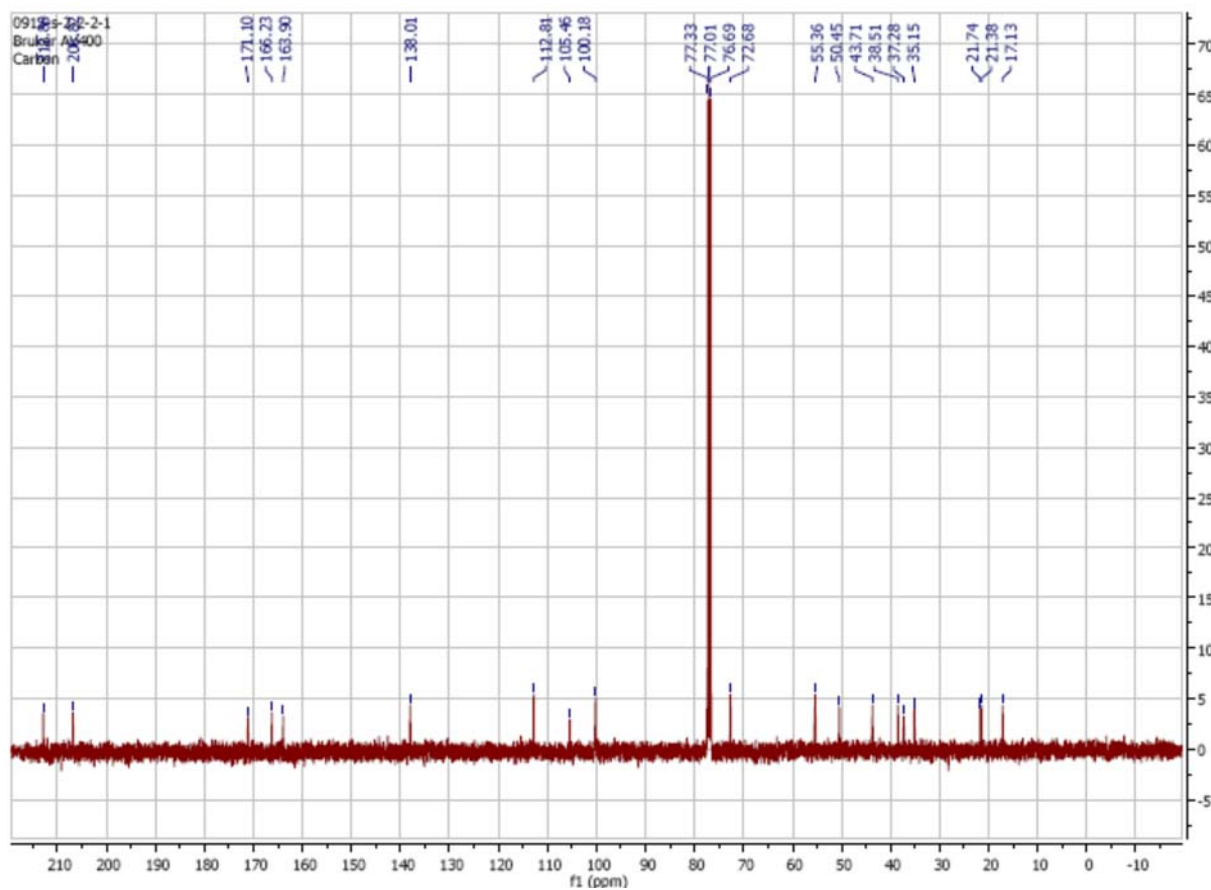


Figure 15. DEPT 135° Spectrum of Neocosmosin C (**4**) in CDCl₃ (125 MHz)

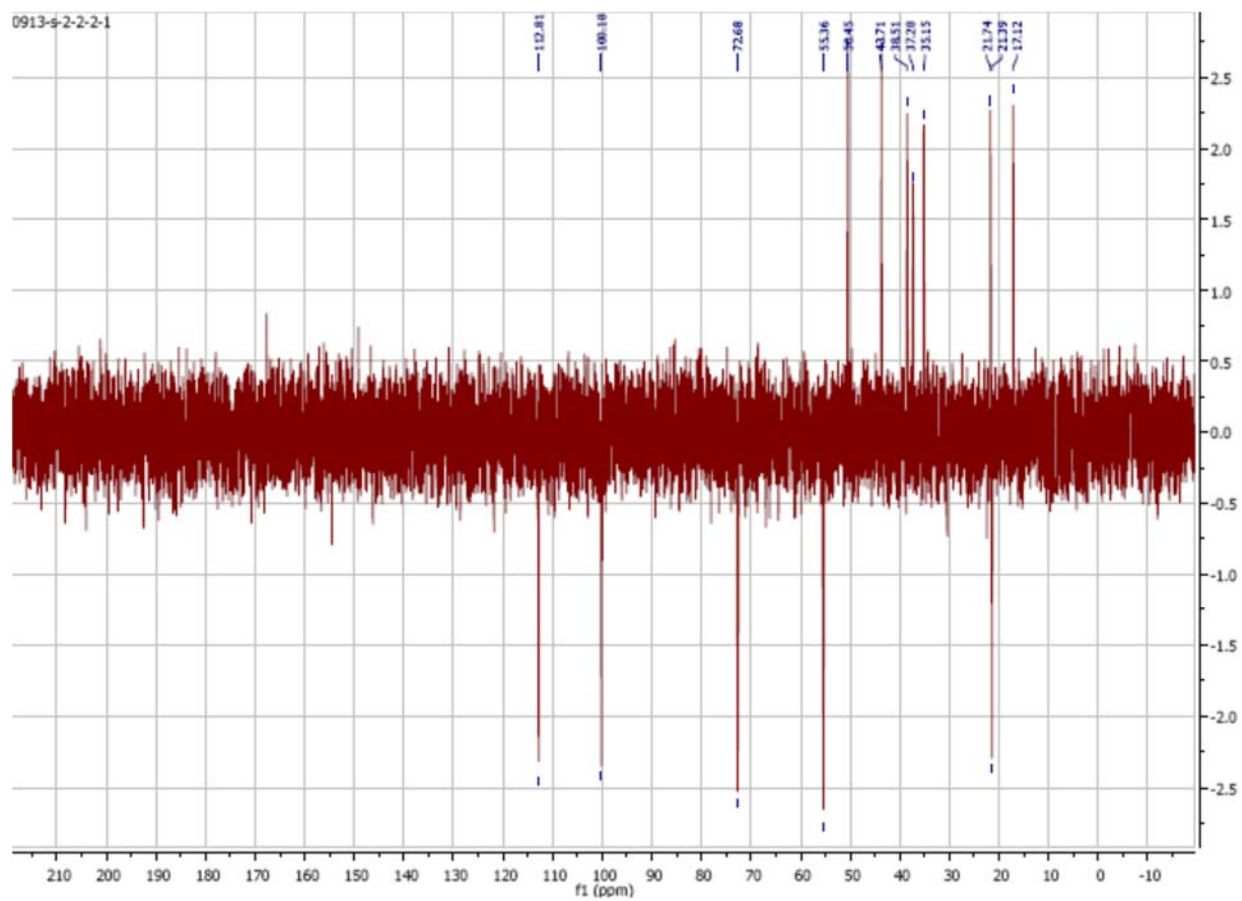


Figure 16. HMQC Spectrum of Neocosmosin C (**4**) in CDCl₃ (500 MHz)

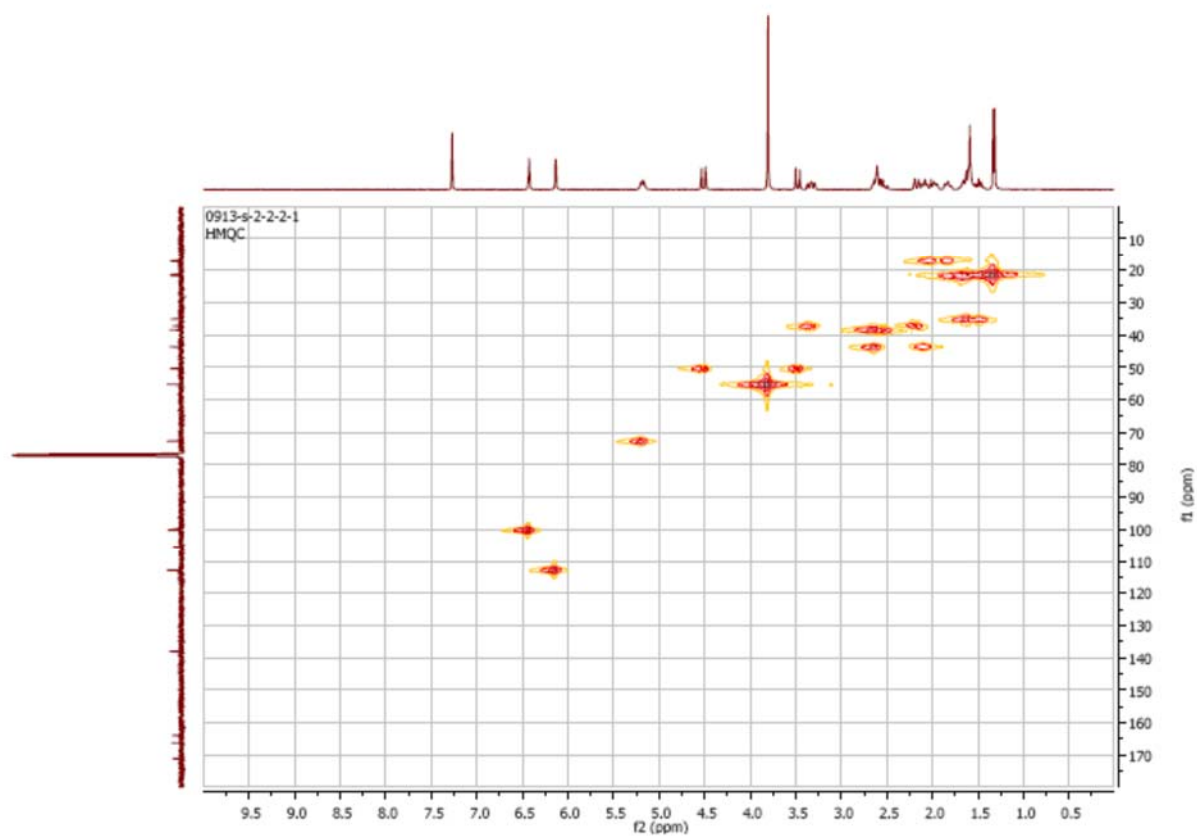


Figure 17. COSY Spectrum of Neocosmosin C (**4**) in CDCl₃ (500 MHz)

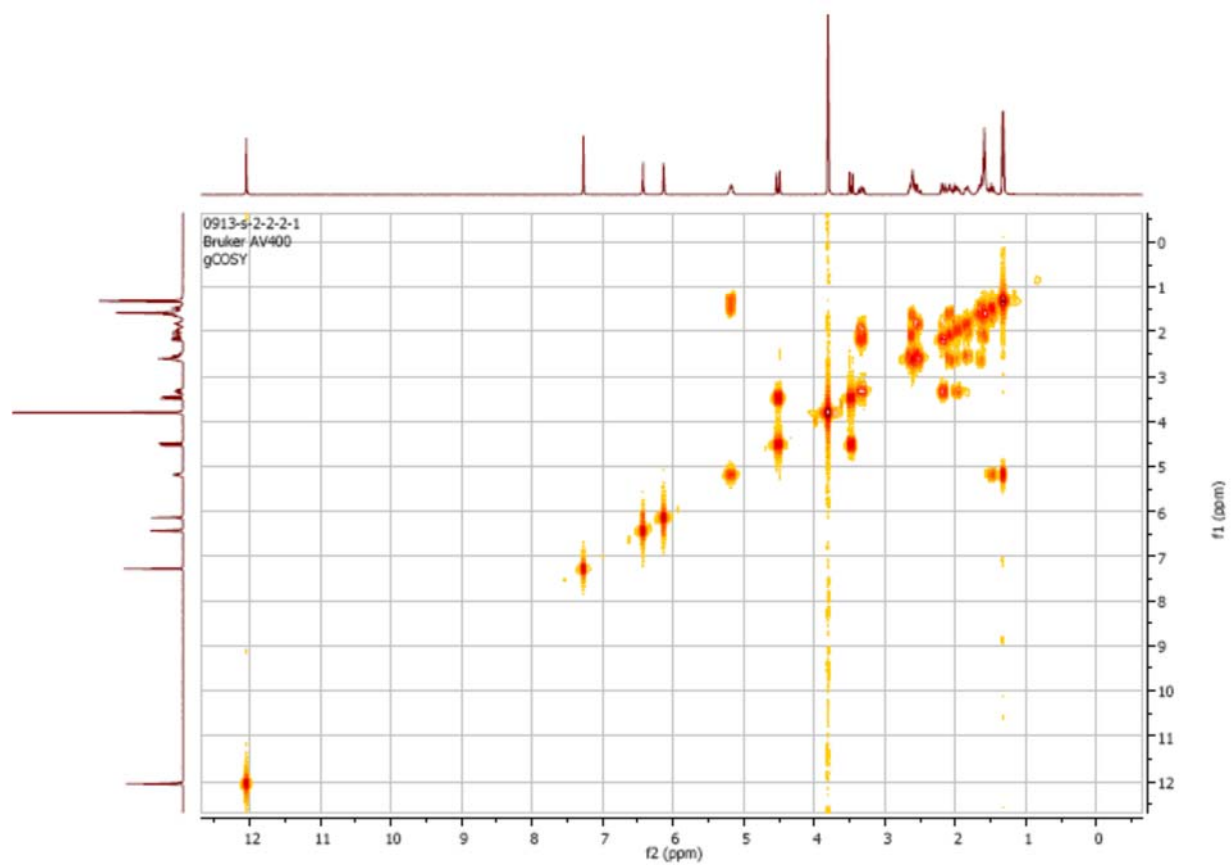


Figure 18. HMBC Spectrum of Neocosmosin C (**4**) in CDCl₃ (500 MHz)

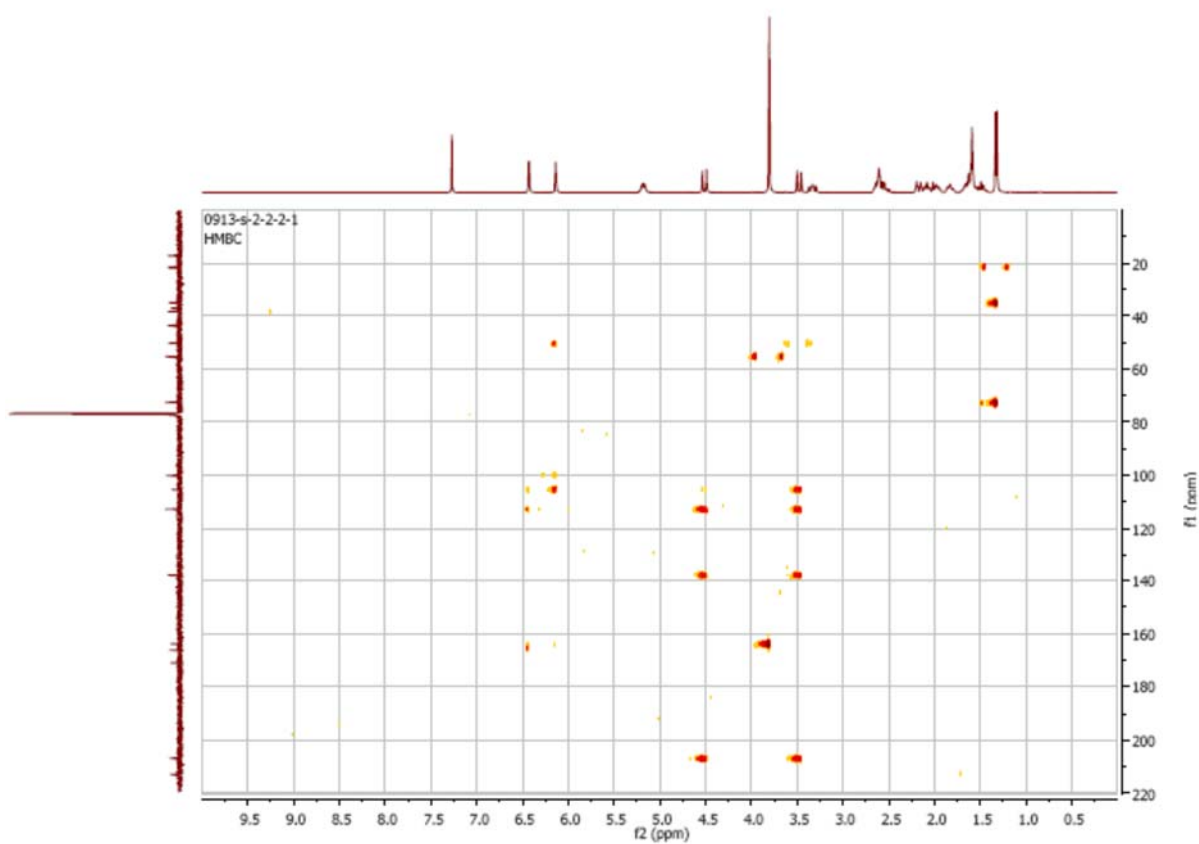


Figure 19. High resolution ESI-MS result of Neocosmosin A (2)

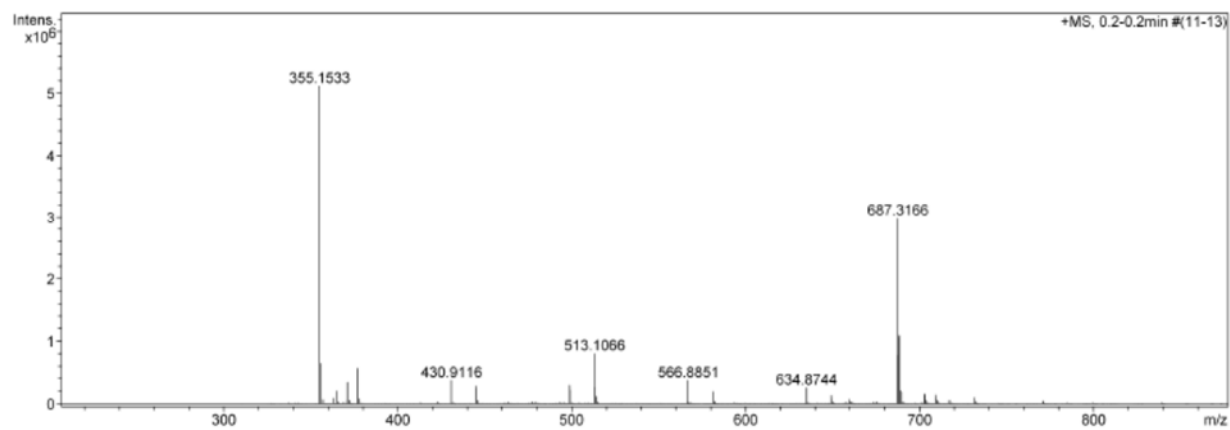


Figure 20. High resolution ESI-MS result of Neocosmosin B (**3**)

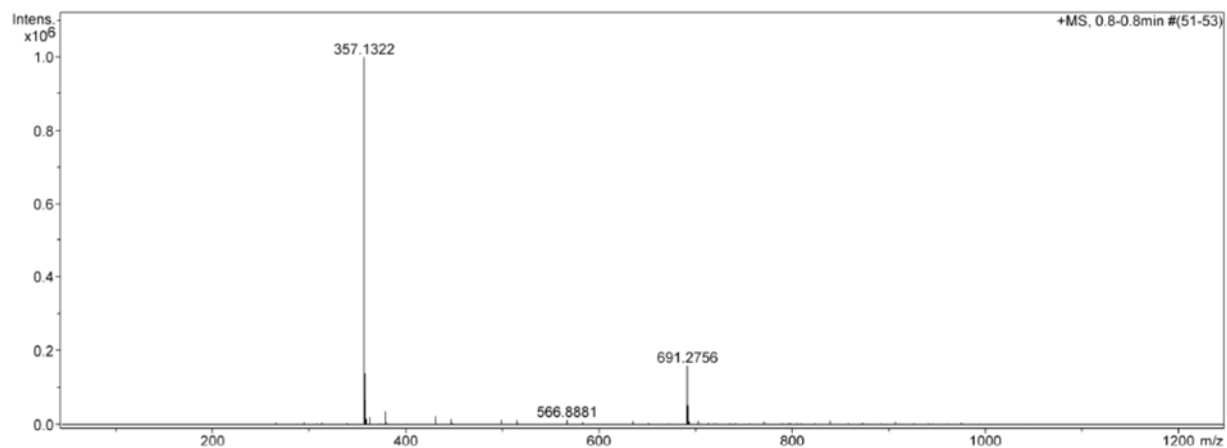


Figure 21. High resolution ESI-MS result of Neocosmosin C (**4**)

