

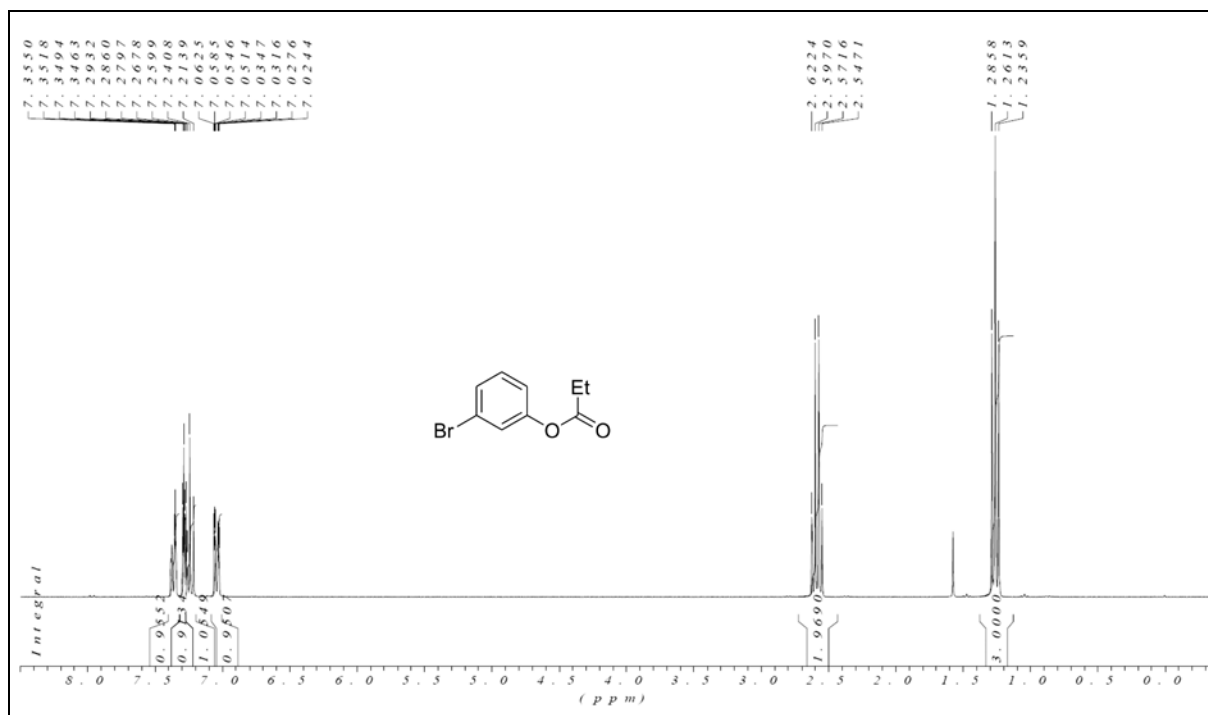
Synthesis of the unique angular tricyclic chromone structure proposed for Aspergillitine, and its relationship with alkaloid TMC-120B

Sebastián O. Simonetti,^a Enrique L. Larghi,^a Andrea B. J. Bracca,^a and Teodoro S. Kaufman^{*a}

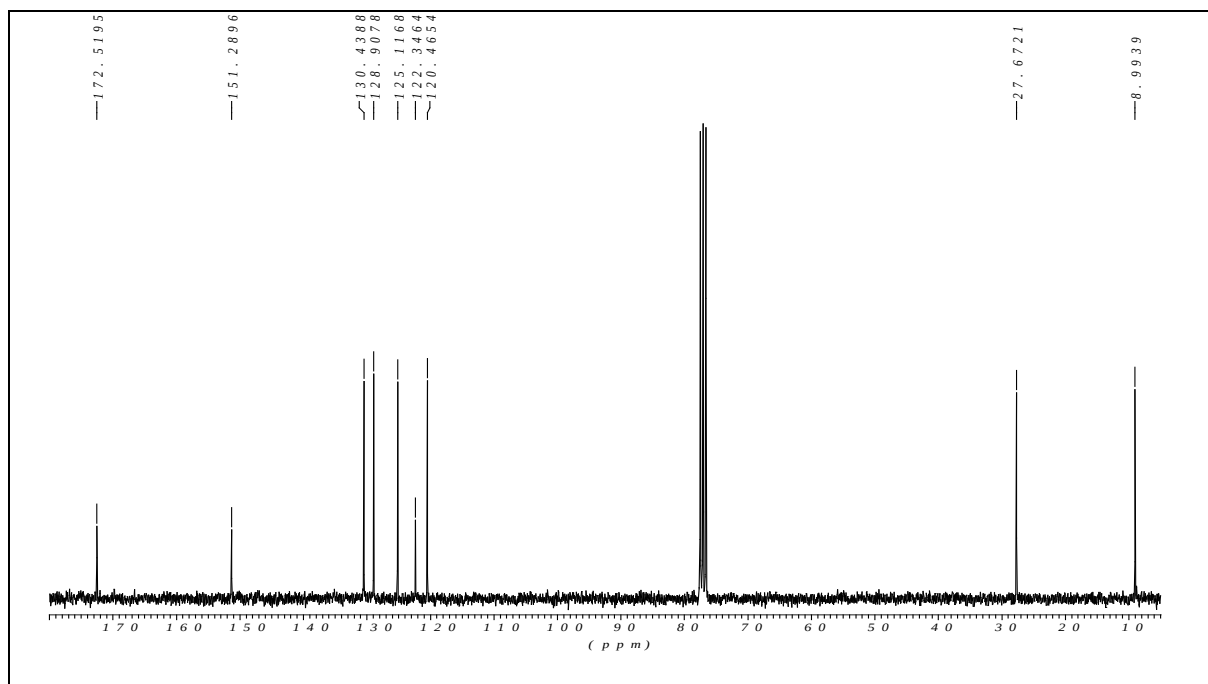
^aInstitute of Chemistry of Rosario (IQUIR, CONICET-UNR) and School of Biochemical and Pharmaceutical Sciences, National University of Rosario, Suipacha 531, S2002LRK Rosario, Argentina. Tel/Fax: +54-341-4370477; E-mail: kaufman@iquir-conicet.gov.ar

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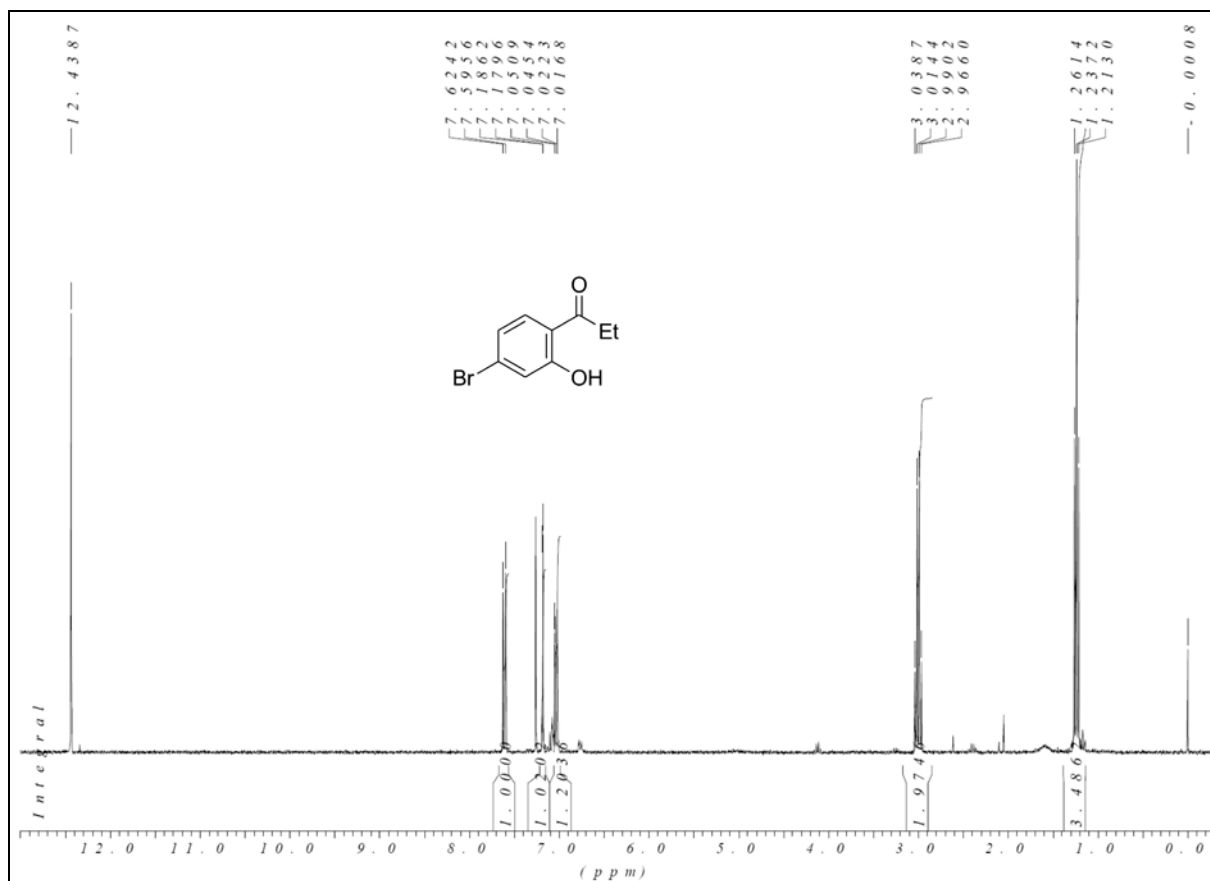
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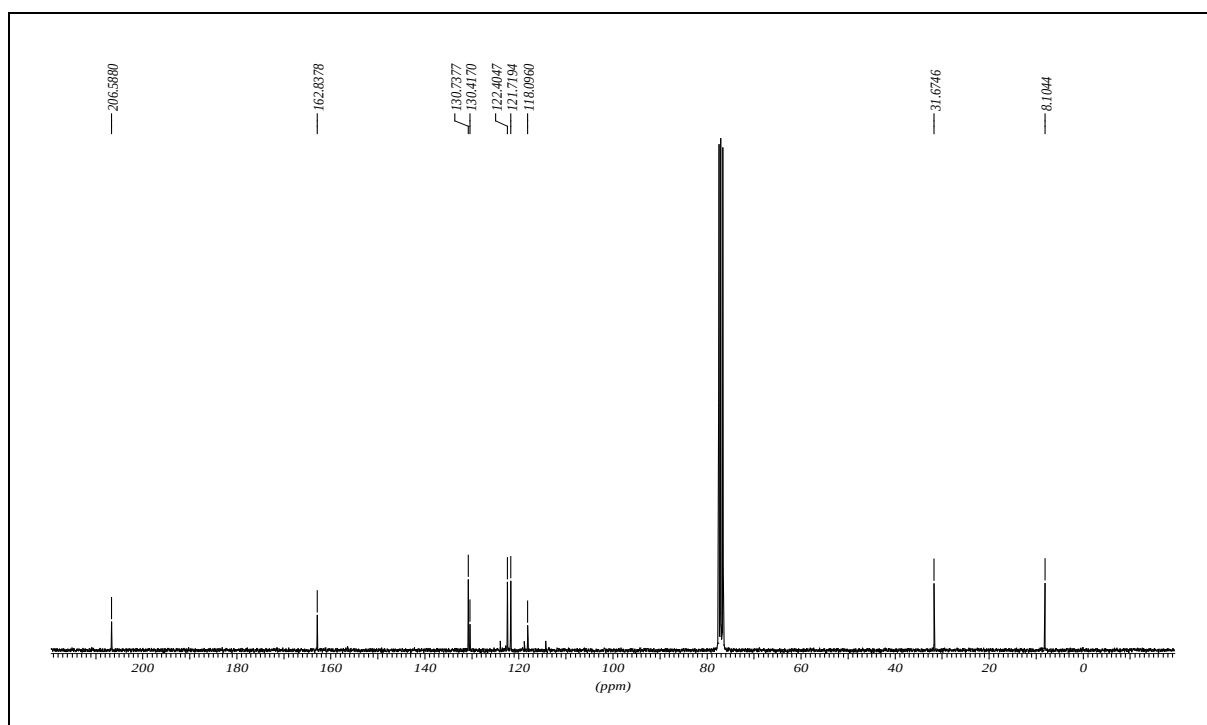
¹H NMR spectrum of **11**.



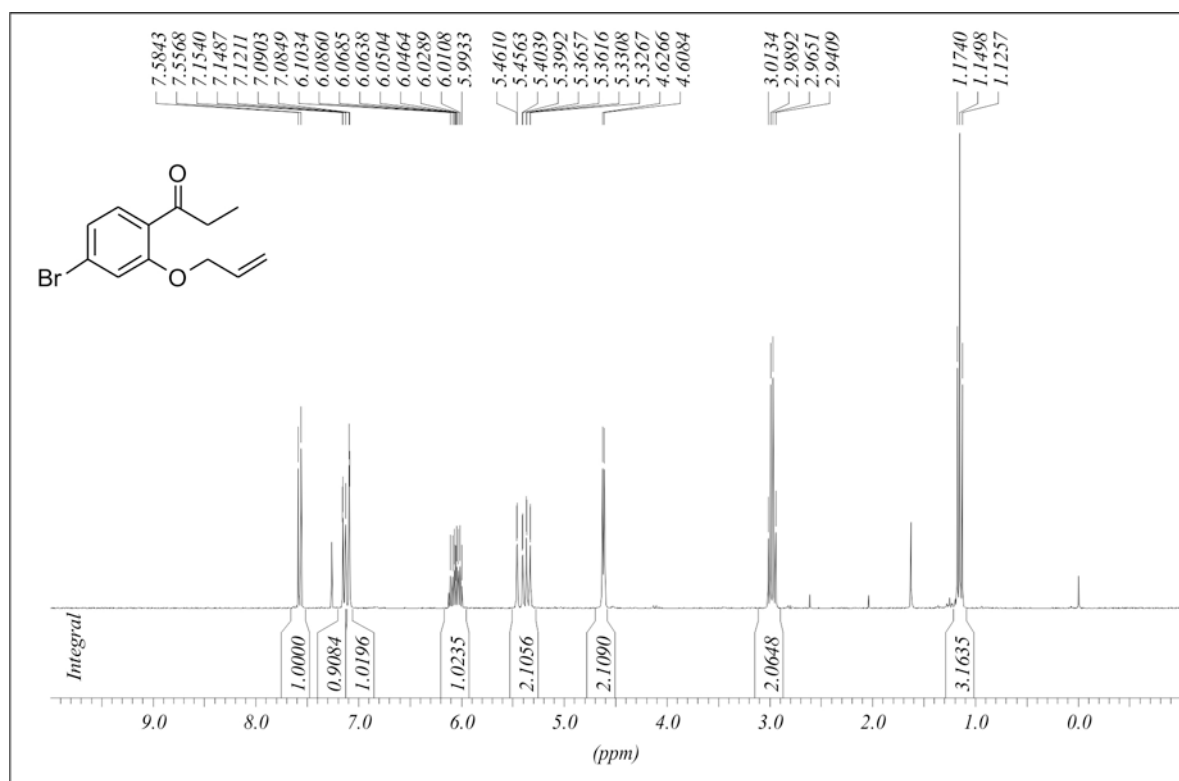
¹³C NMR spectrum of **11**.



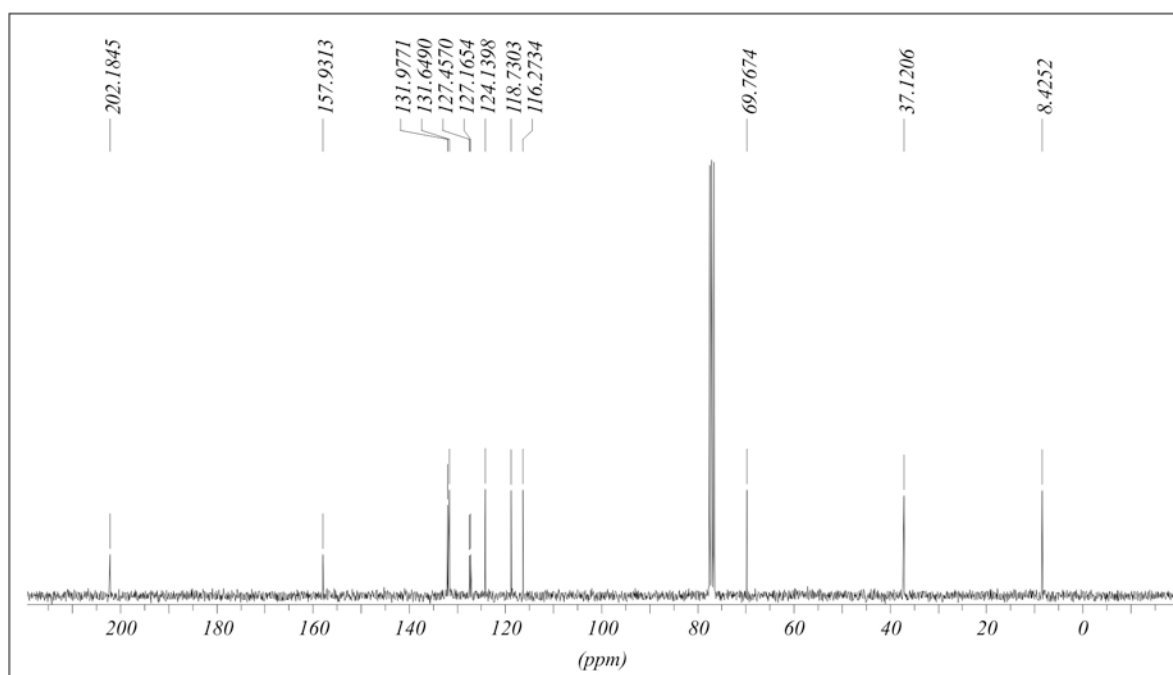
¹H NMR spectrum of **8a**.



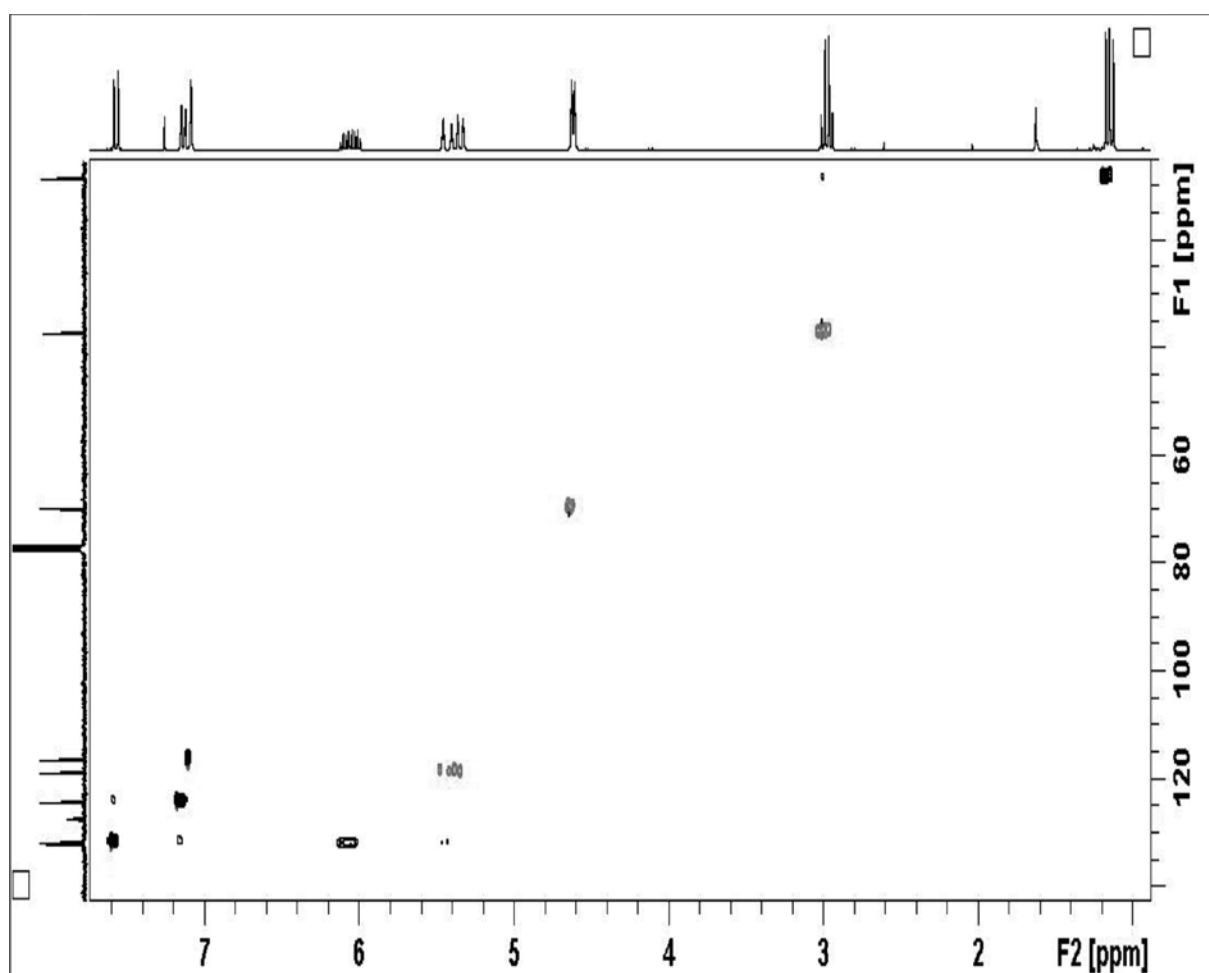
¹³C NMR spectrum of **8a**.



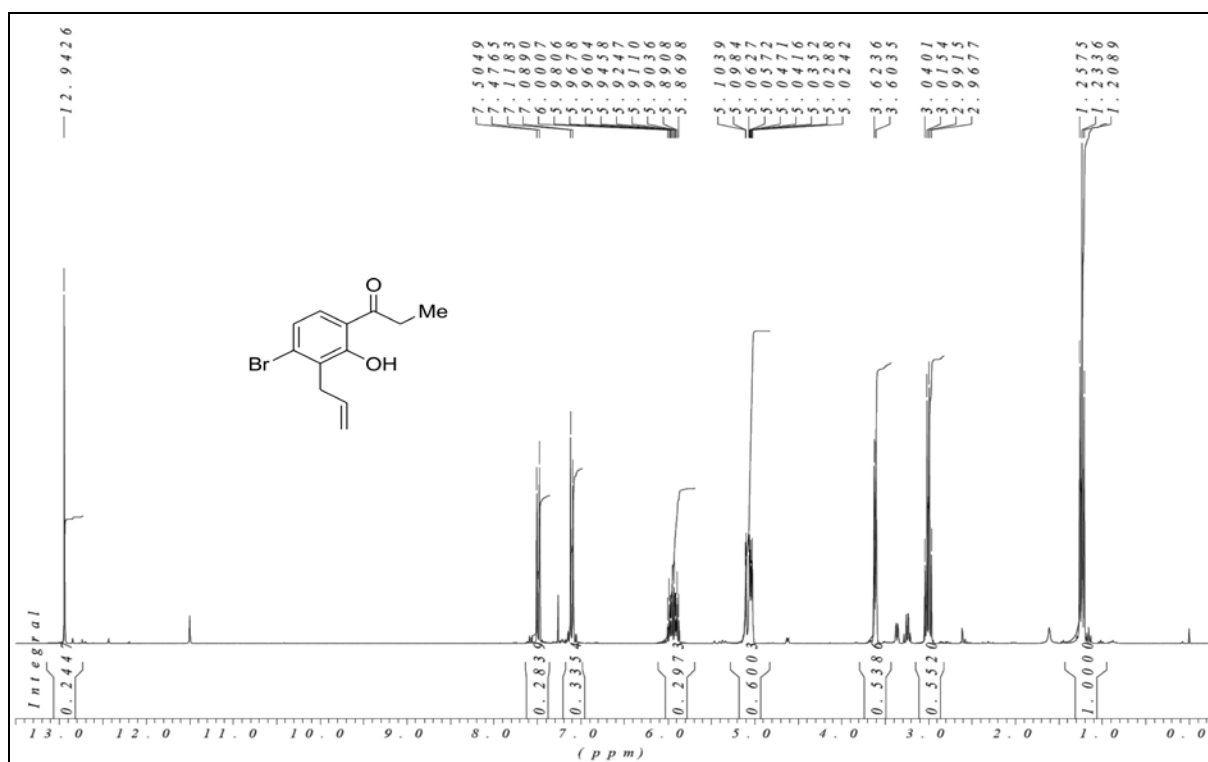
¹H NMR spectrum of **12**.



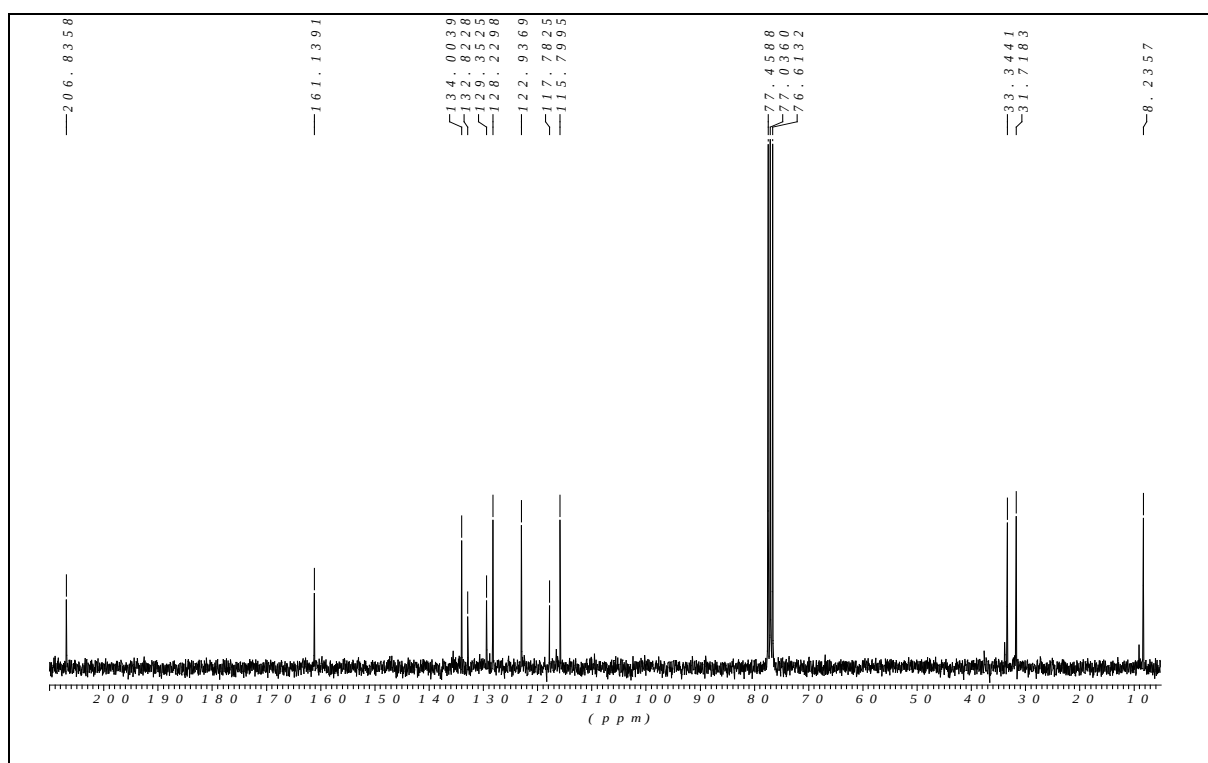
¹³C NMR spectrum of **12**.



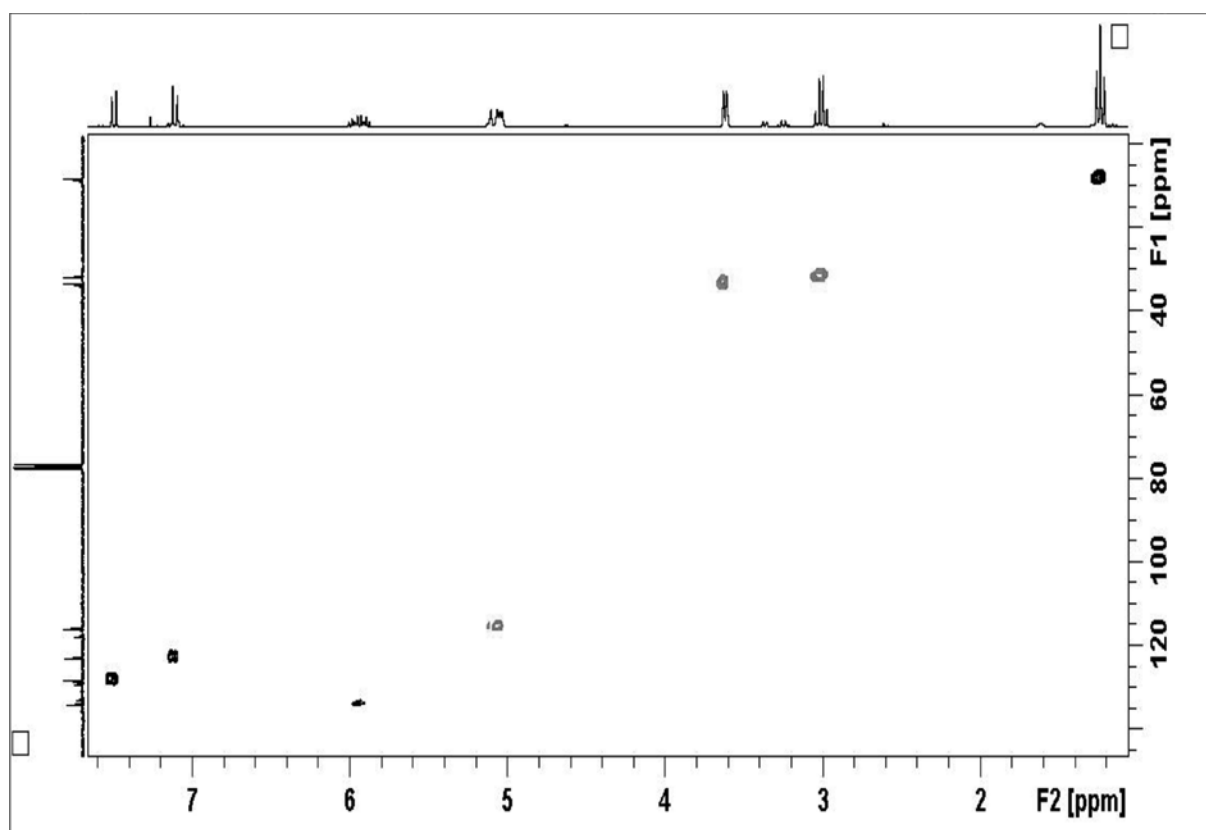
HSQC spectrum of 12.



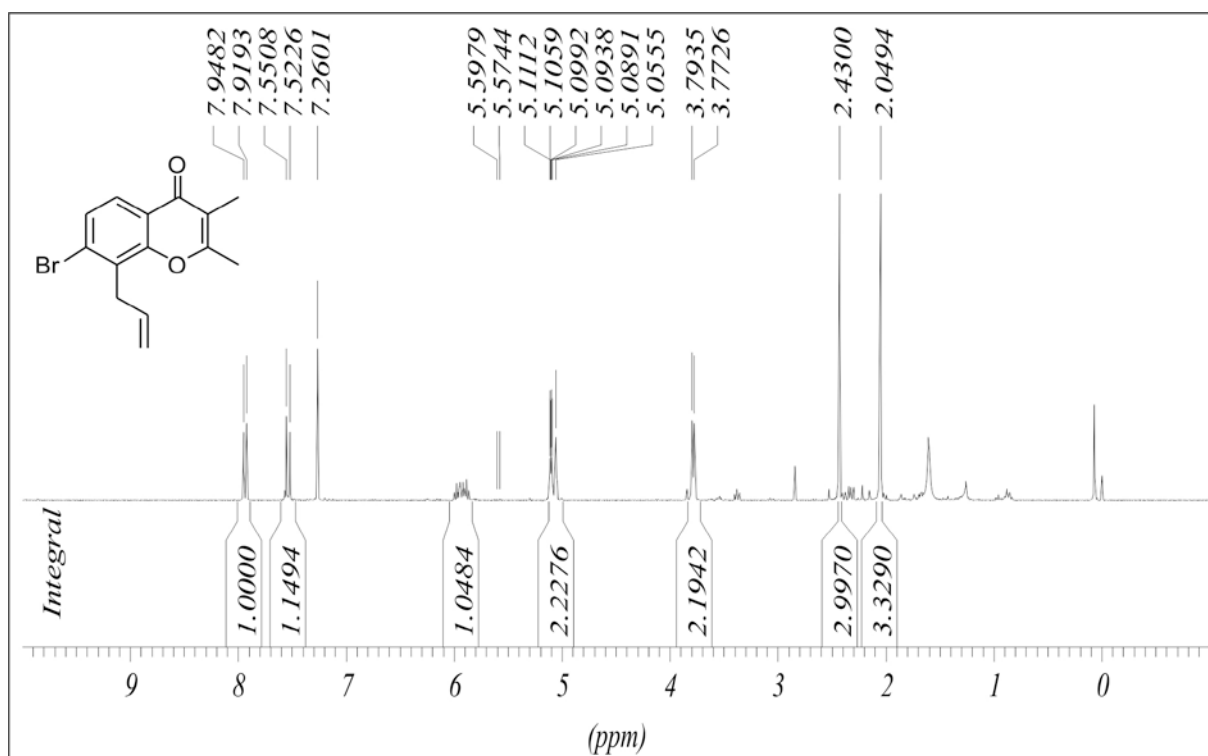
¹H NMR spectrum of **13a**.



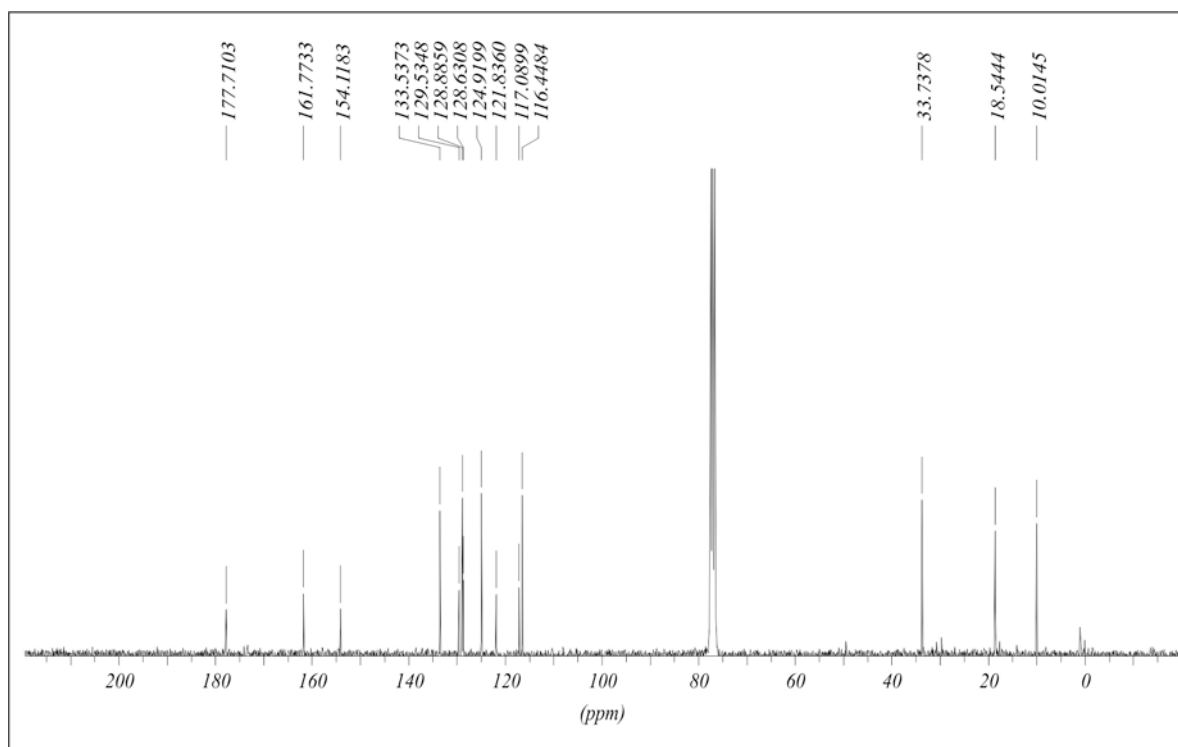
¹³C NMR spectrum of **13a**.



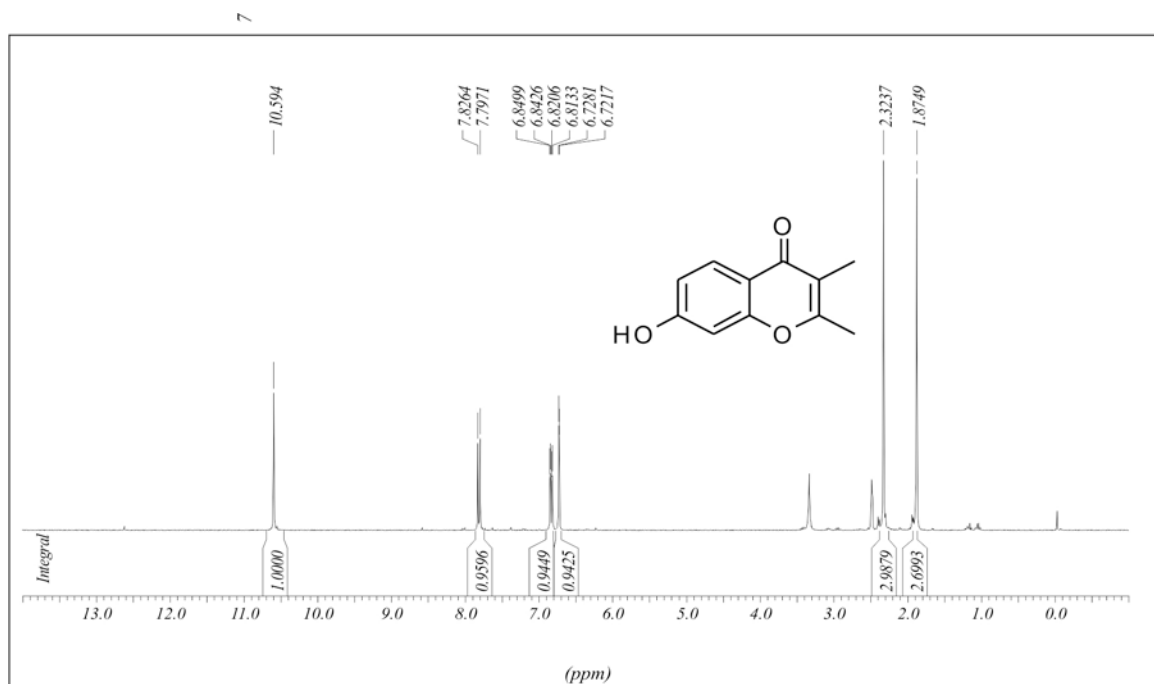
HMBC spectrum of **13a**.



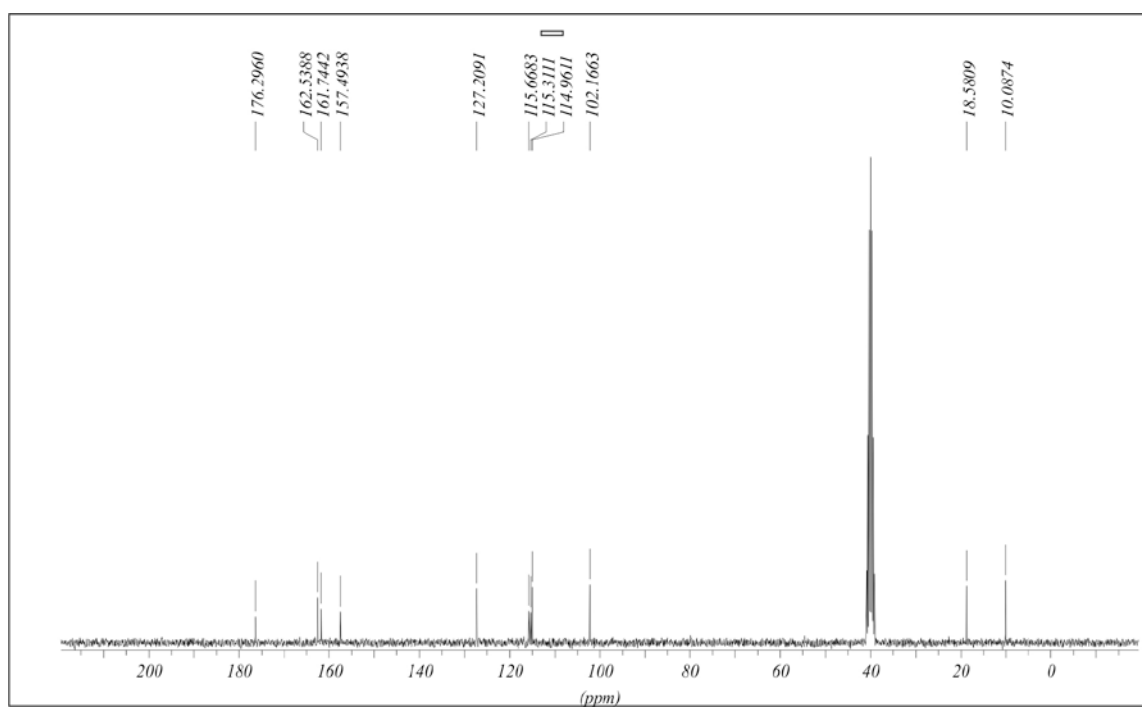
^1H NMR spectrum of **14**.



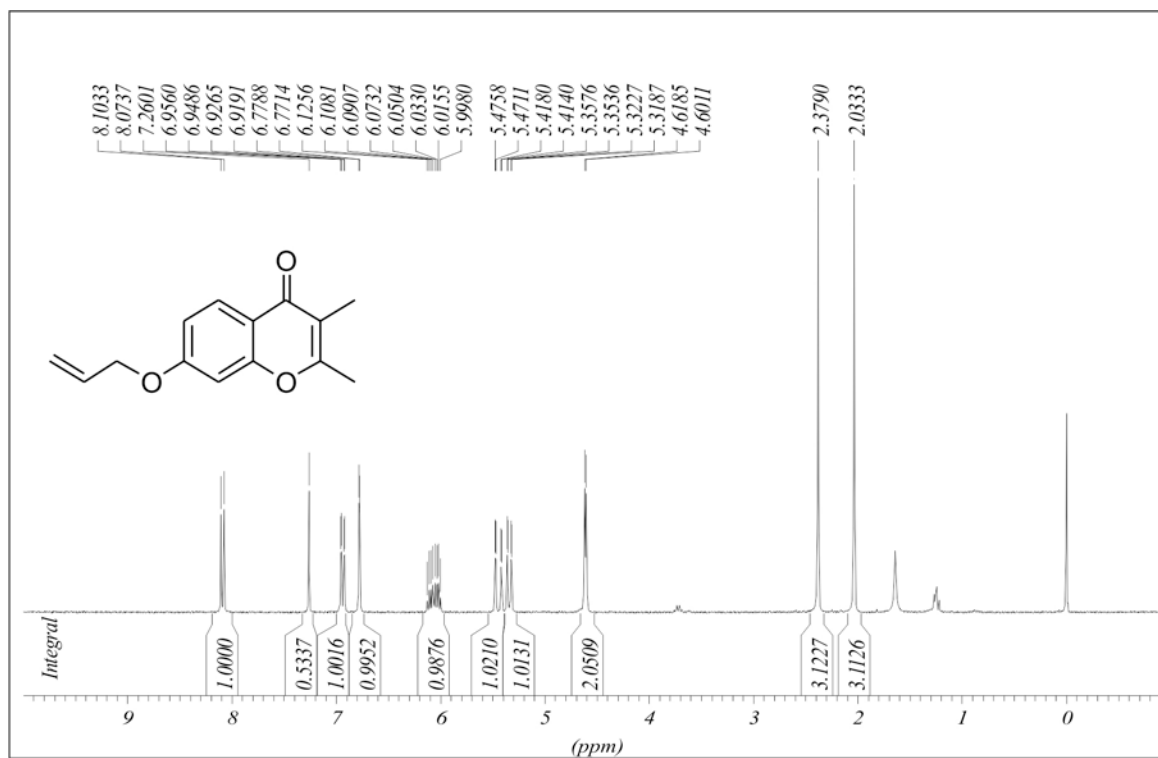
^{13}C NMR spectrum of **14**.



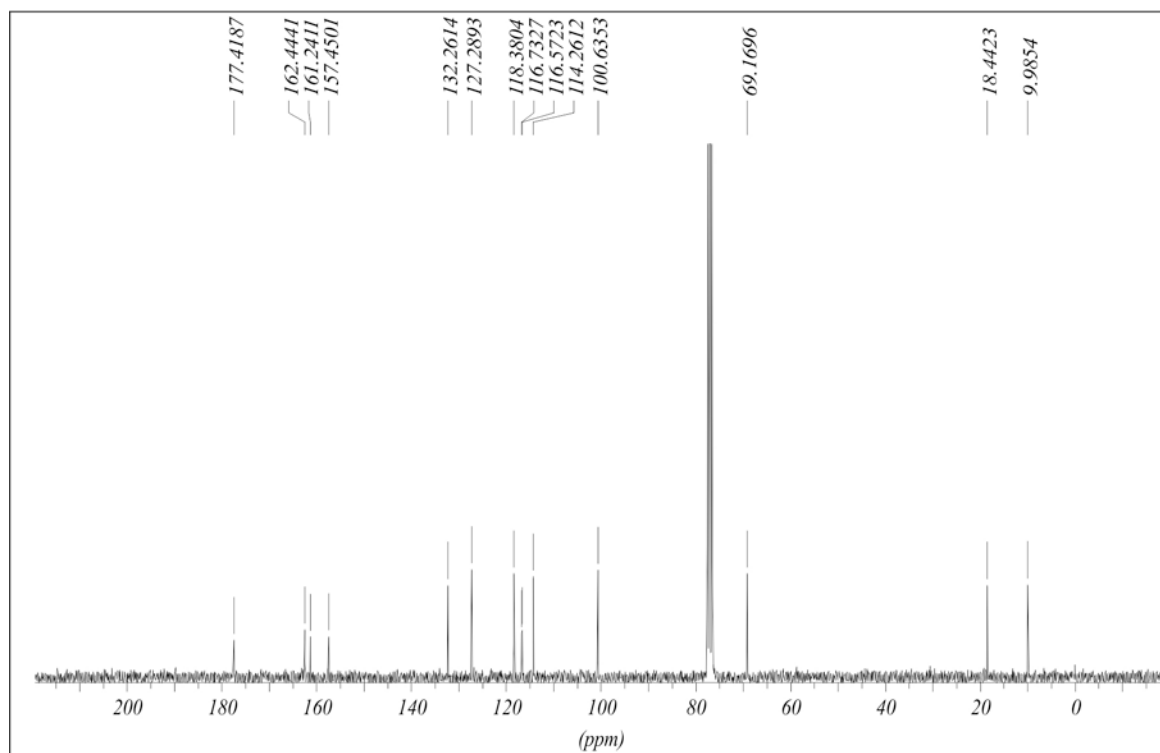
^1H NMR spectrum of **15**.



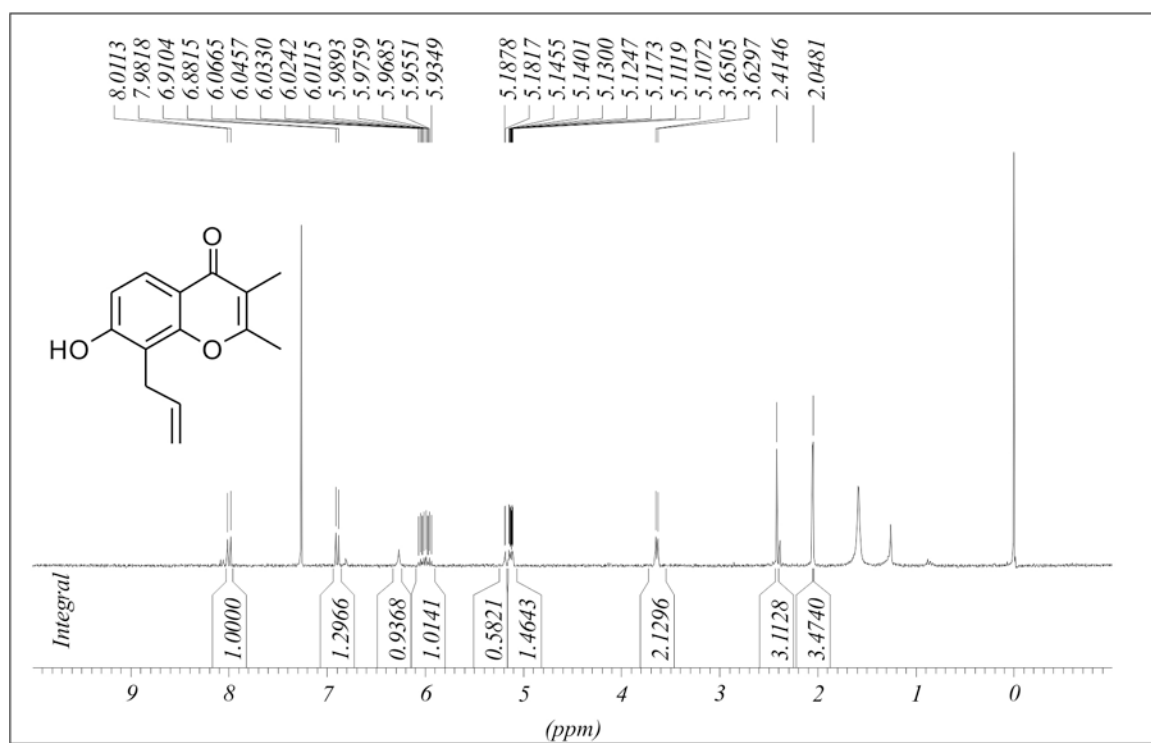
^{13}C NMR spectrum of **15**.



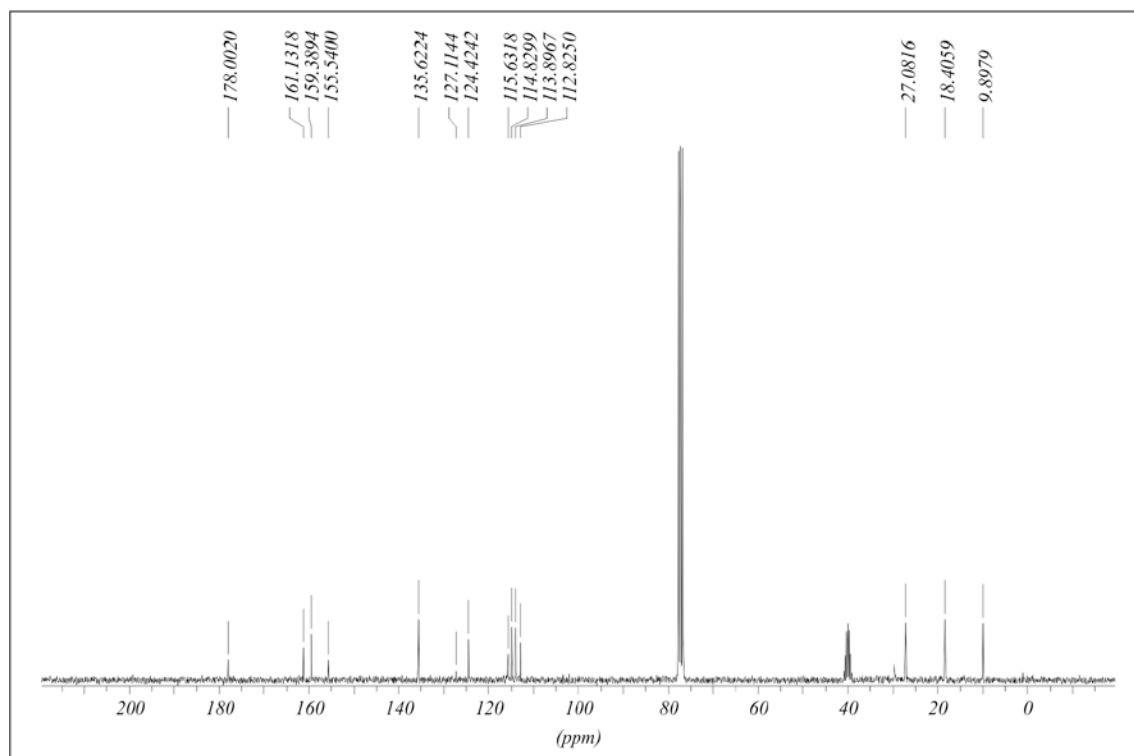
¹H NMR spectrum of **16**.



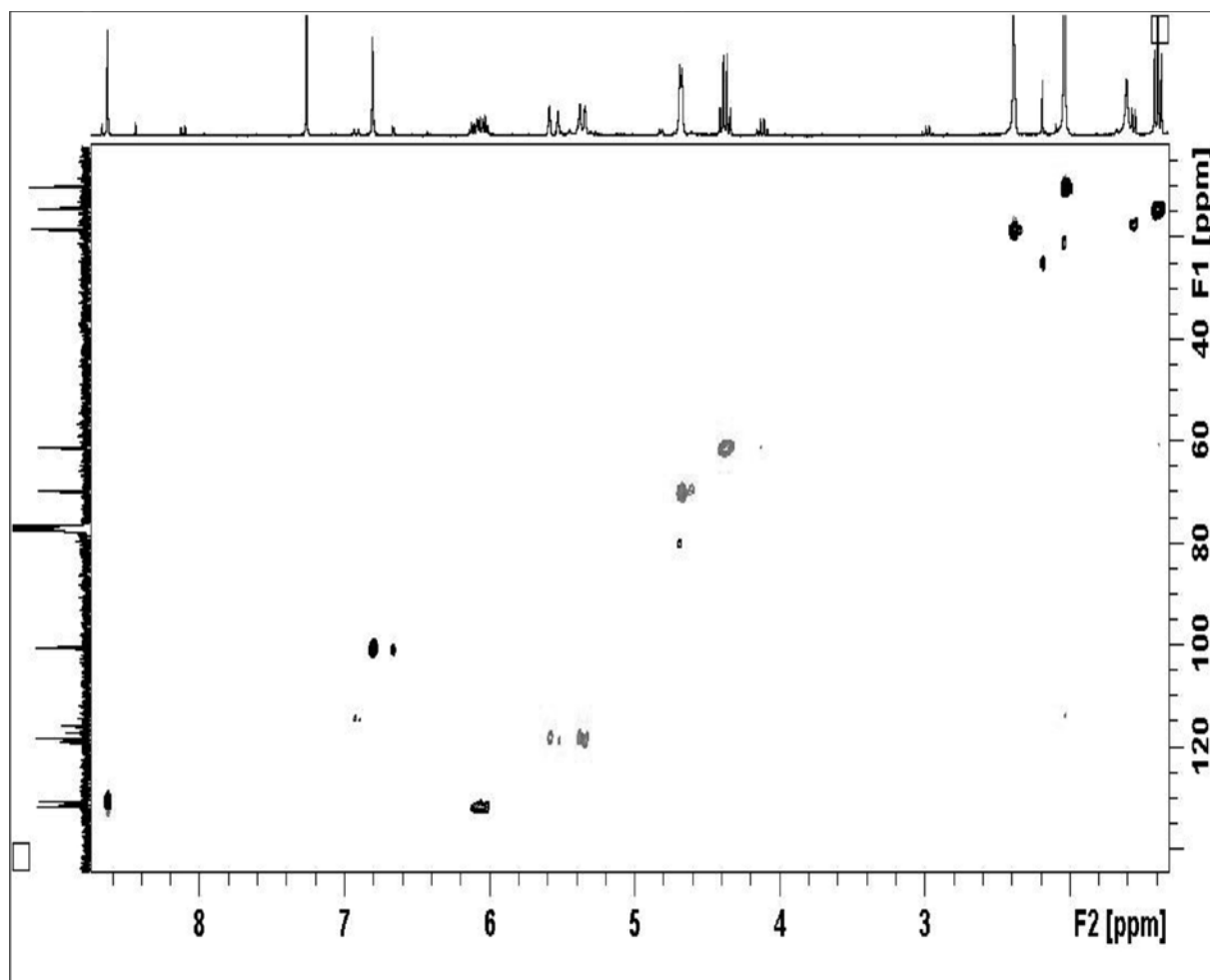
¹³C NMR spectrum of **16**.



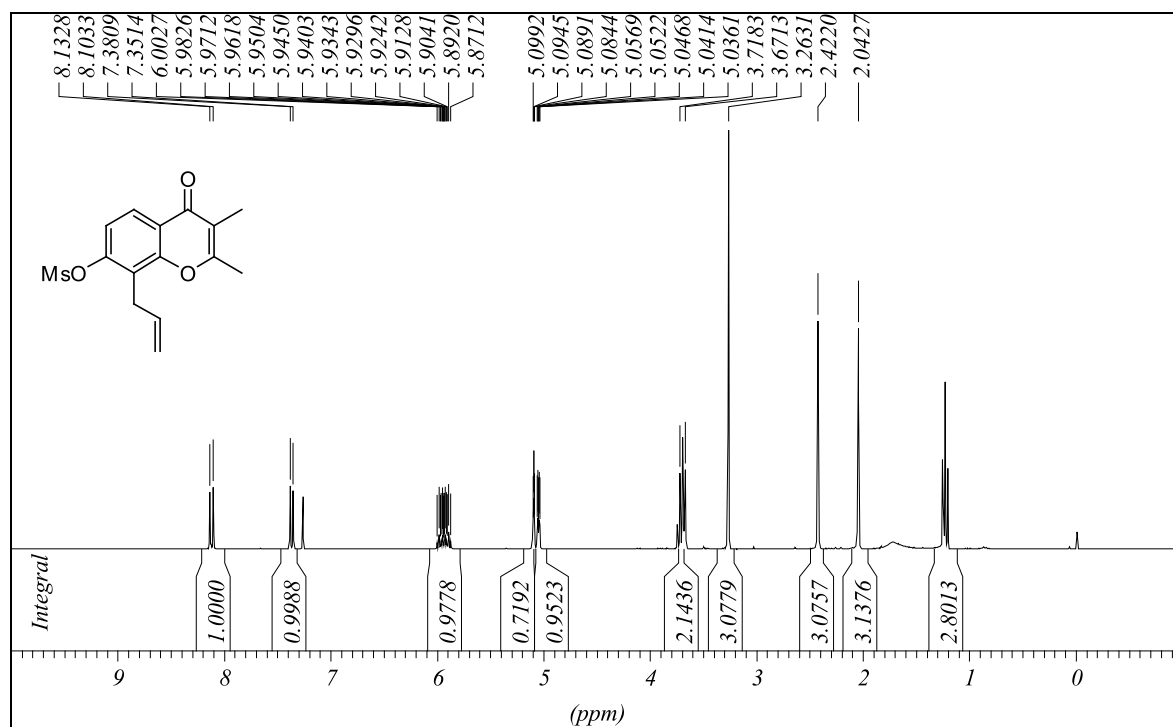
¹H NMR spectrum of 17.



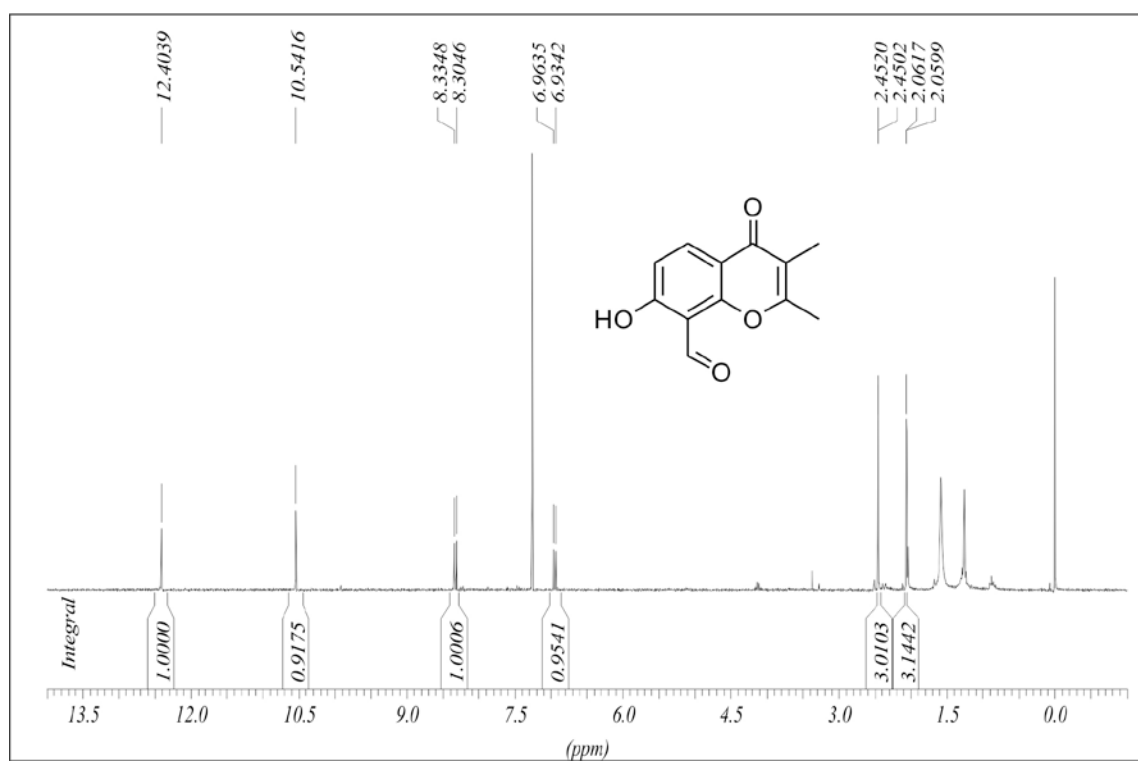
¹³C NMR spectrum of 17.



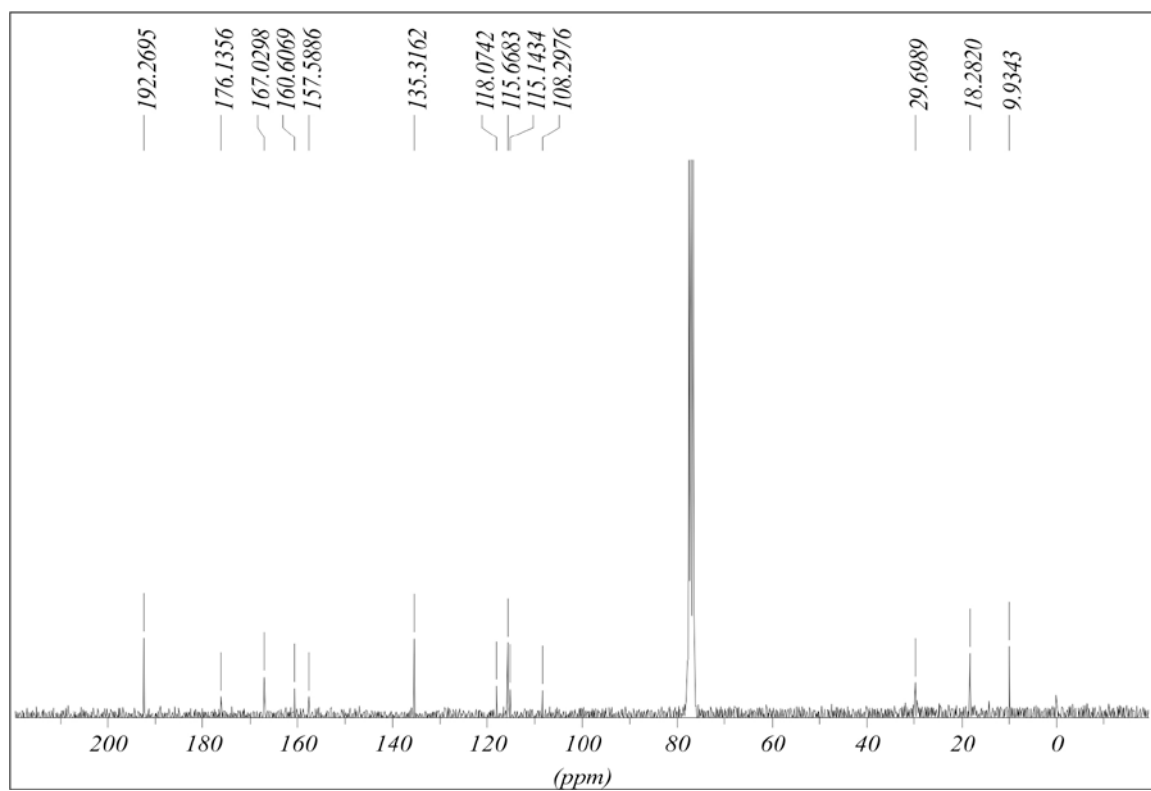
HSQC spectrum of 17.



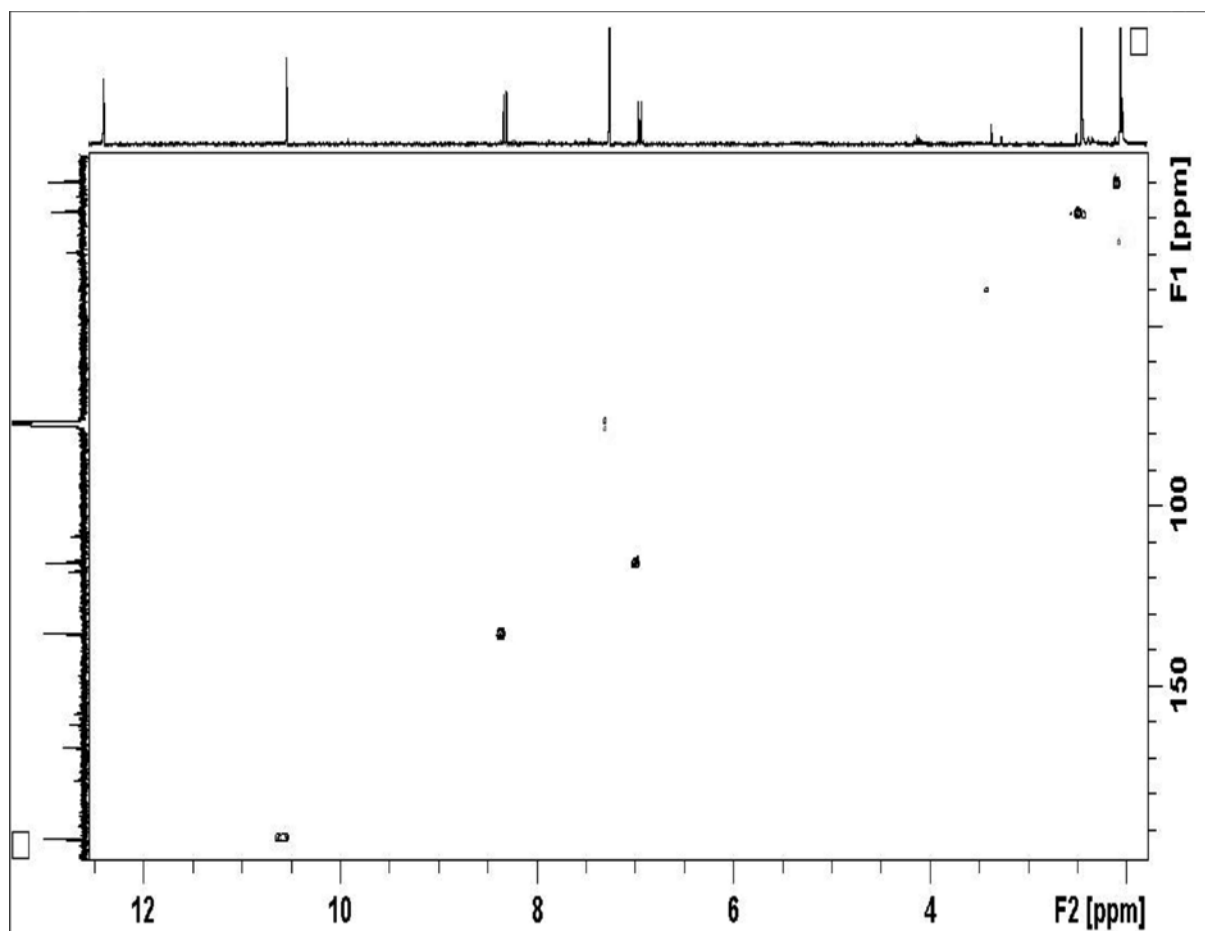
¹H NMR spectrum of **18**.



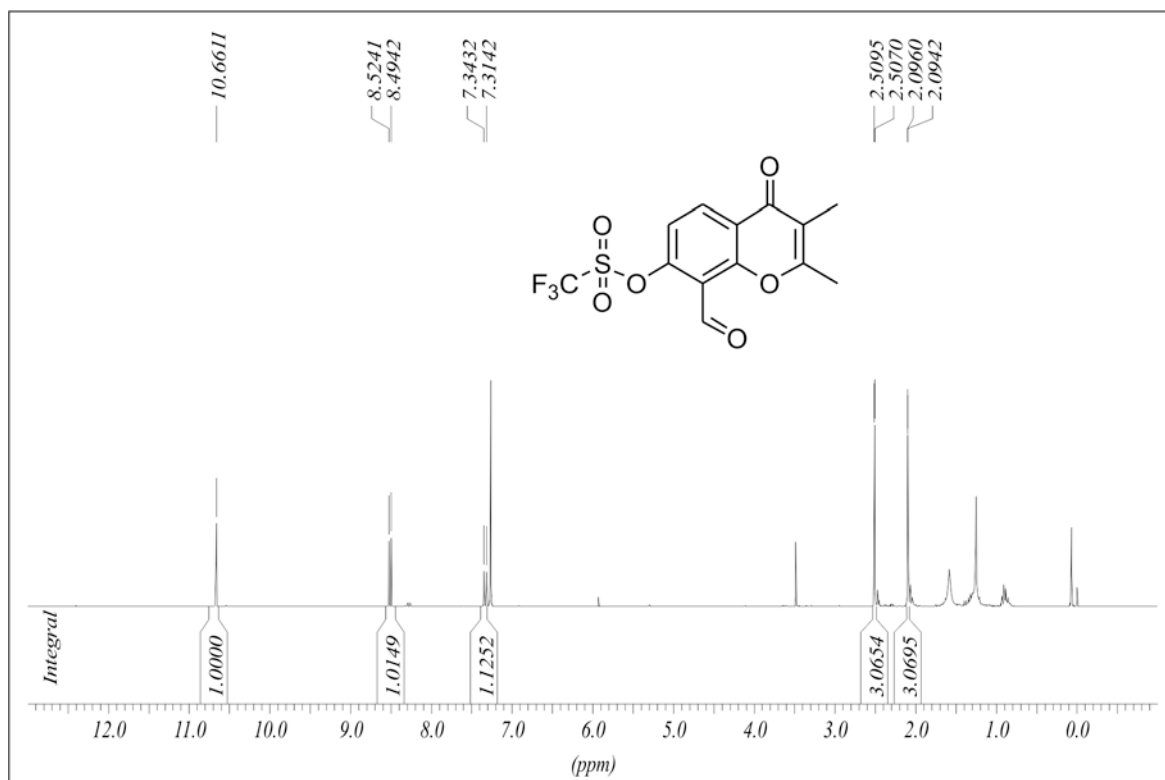
¹H NMR spectrum of **7a**.



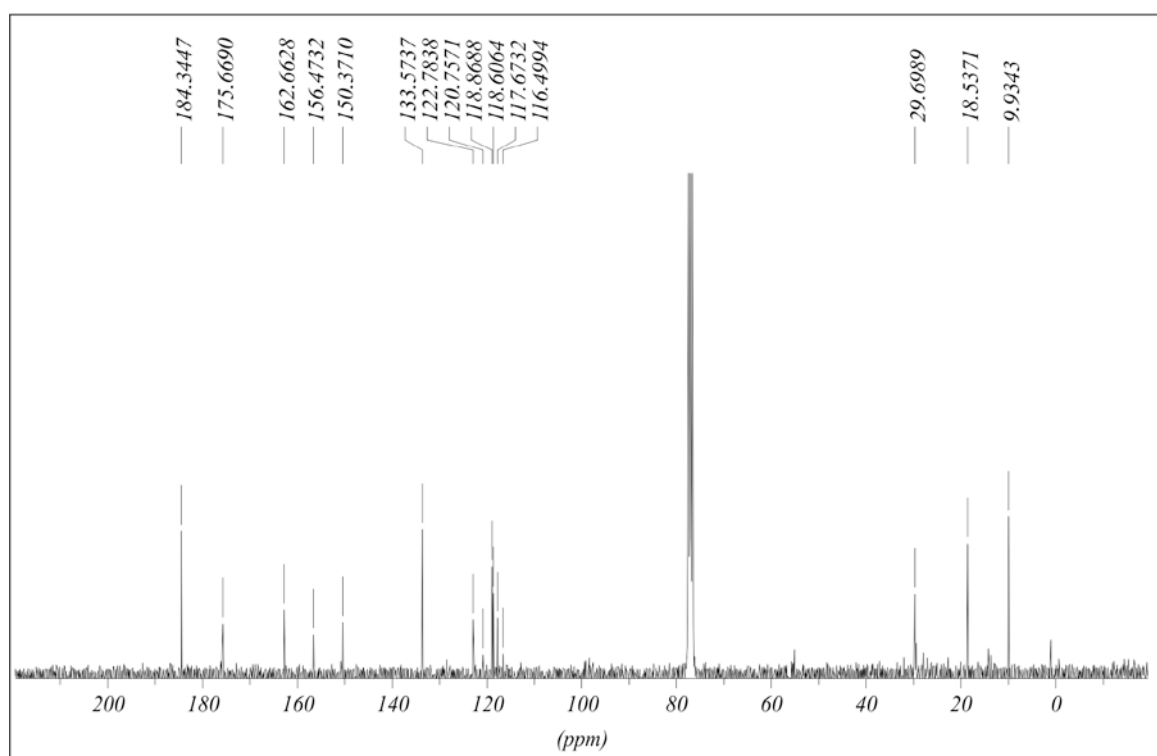
¹³C NMR spectrum of **7a**.



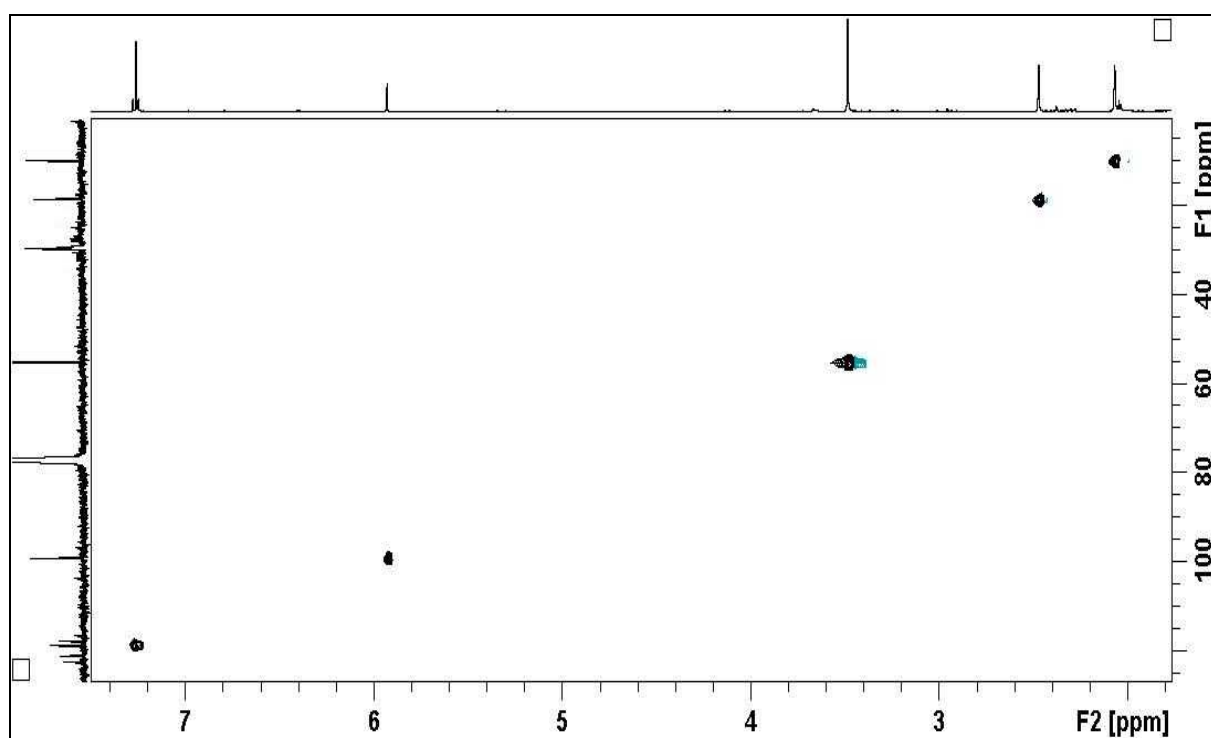
HSQC spectrum of **7a**.



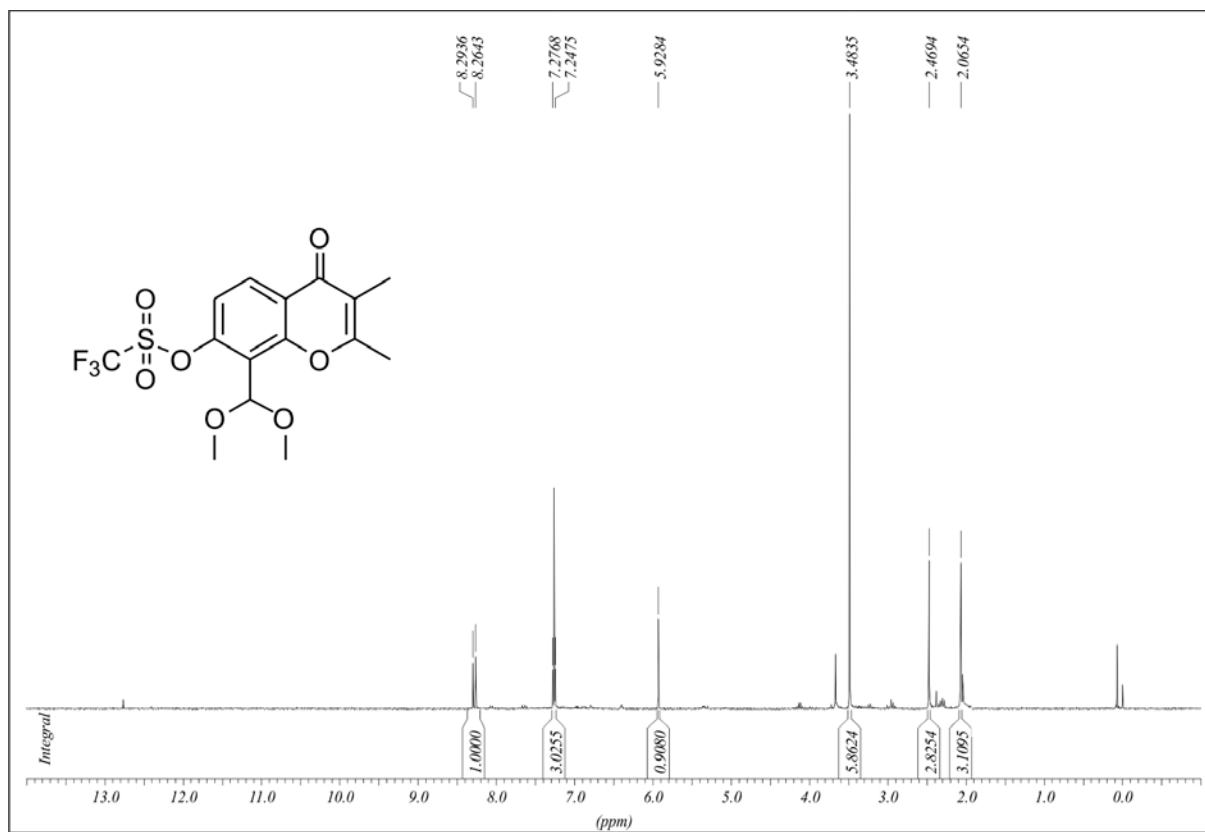
¹H NMR spectrum of **20**.



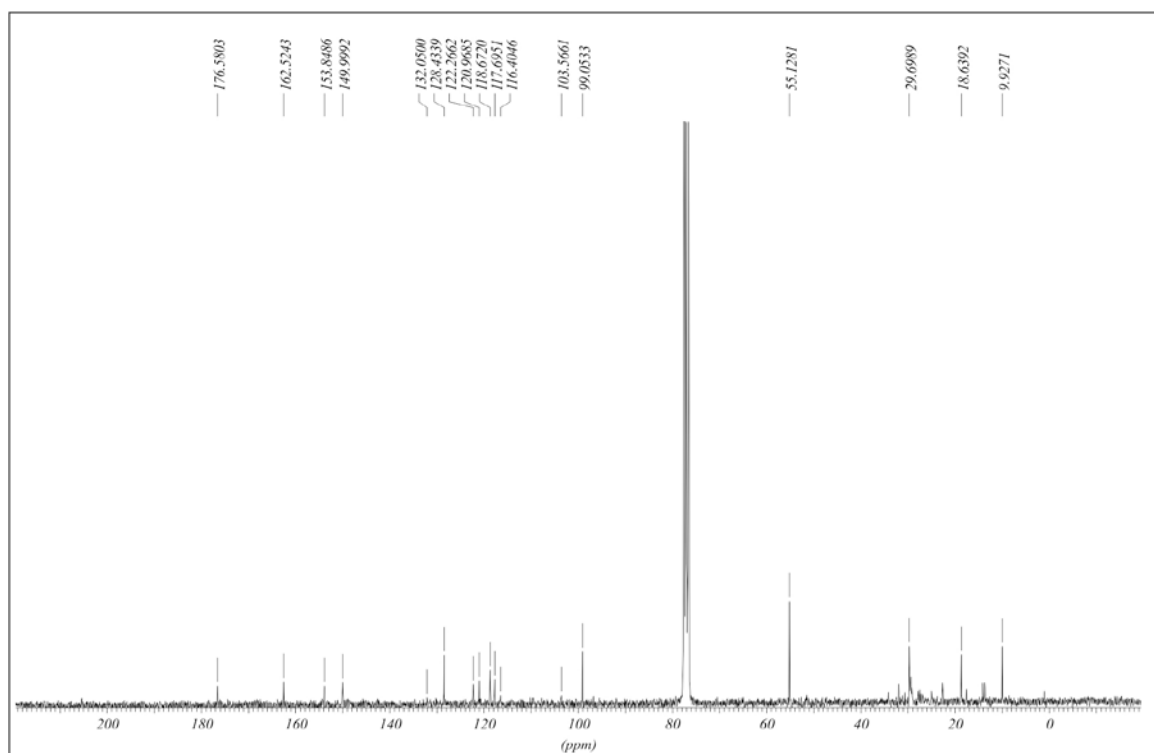
¹³C NMR spectrum of **20**.



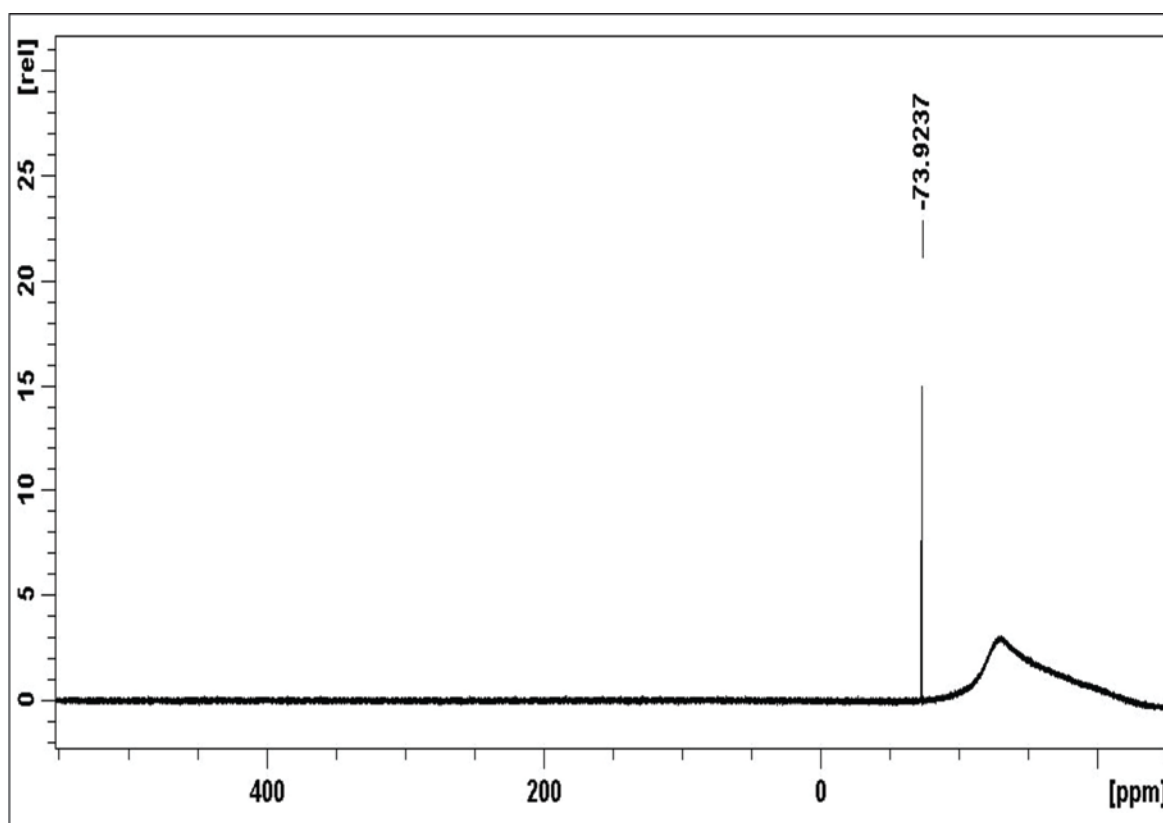
HSQC spectrum of **20**.



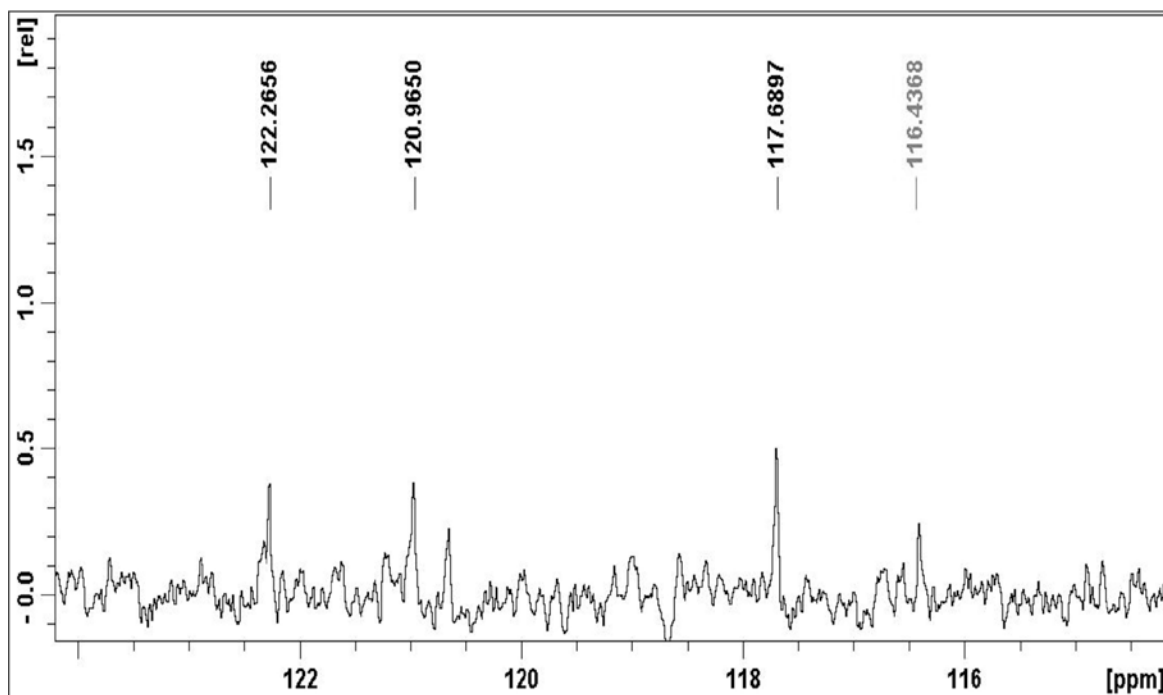
¹H NMR spectrum of **21**.



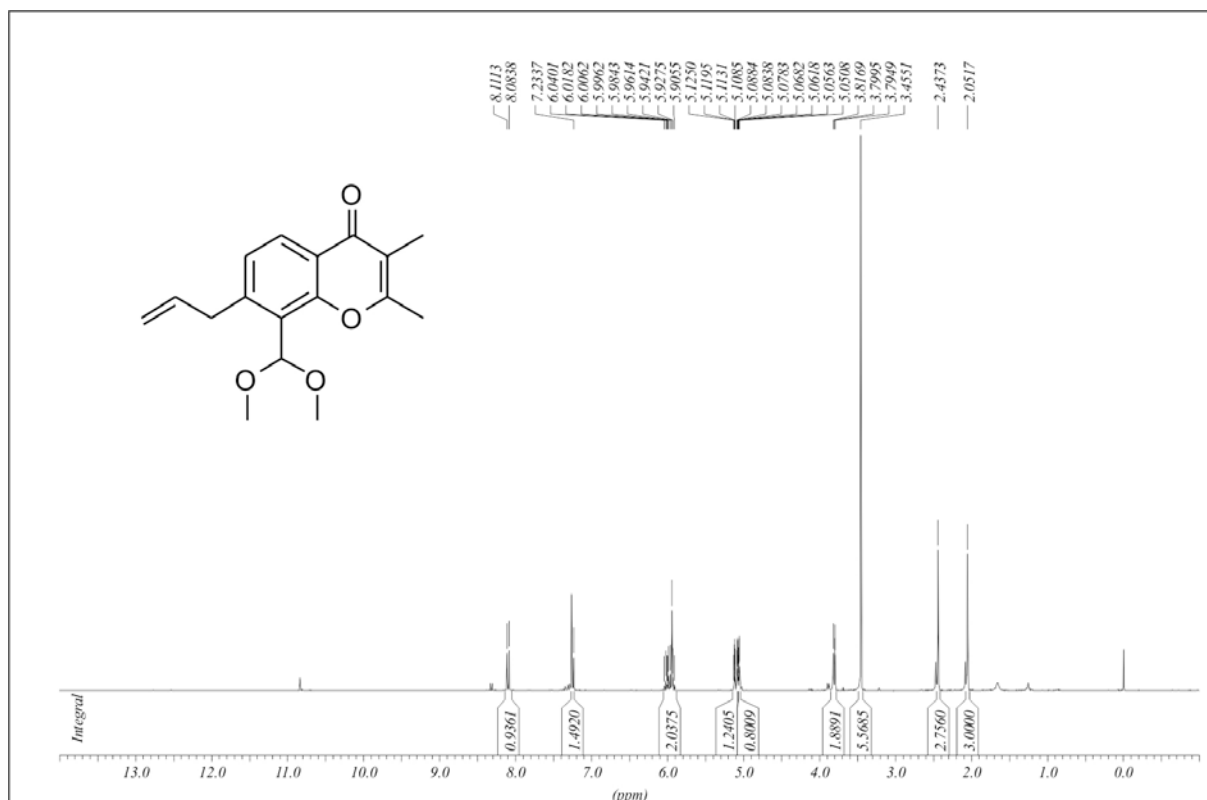
¹³C NMR spectrum of **21**.



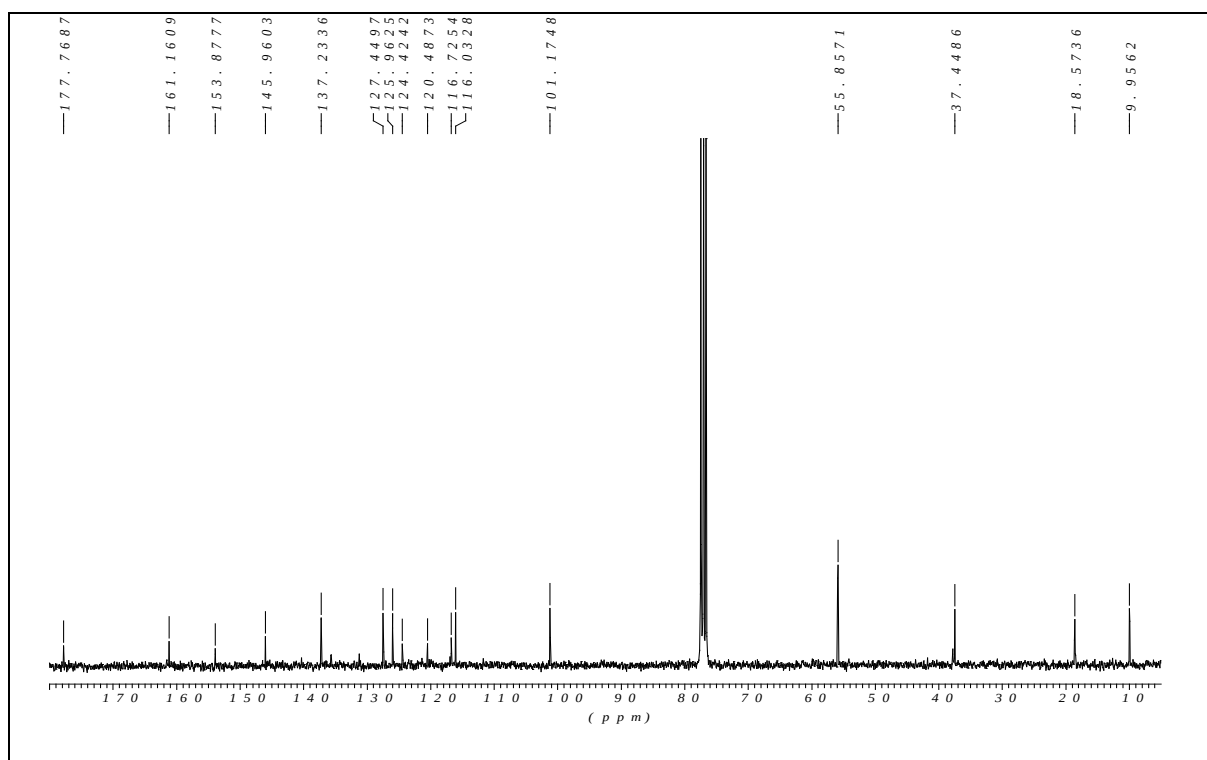
^{19}F NMR spectrum of **21**.



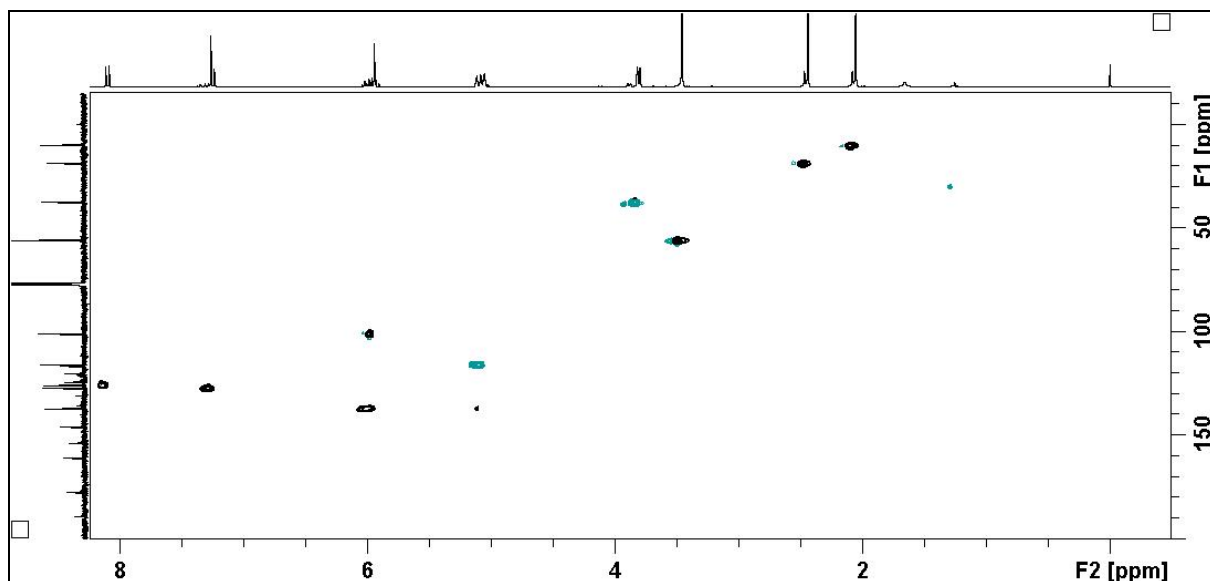
^{13}C NMR spectrum of **21**. JMod Experiment



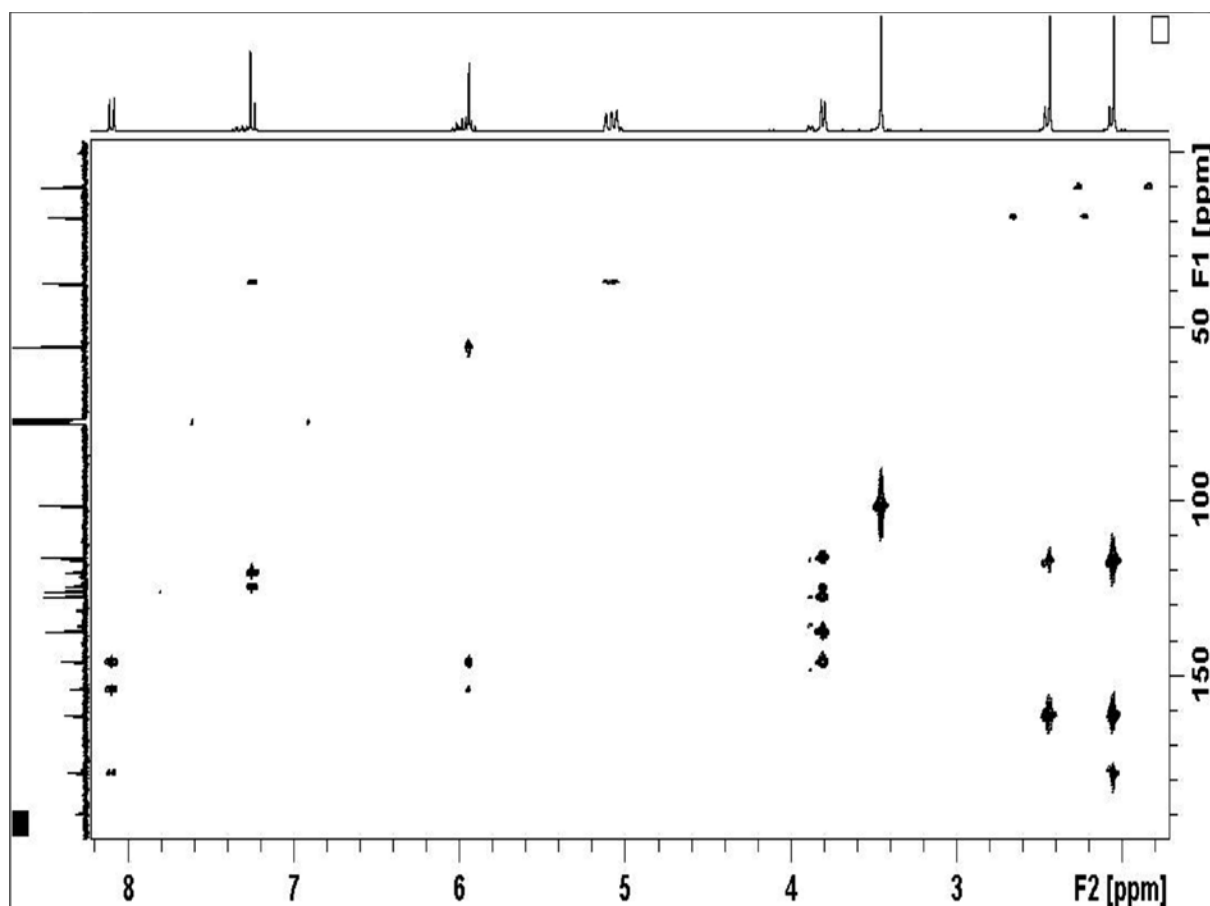
¹H NMR spectrum of 22.



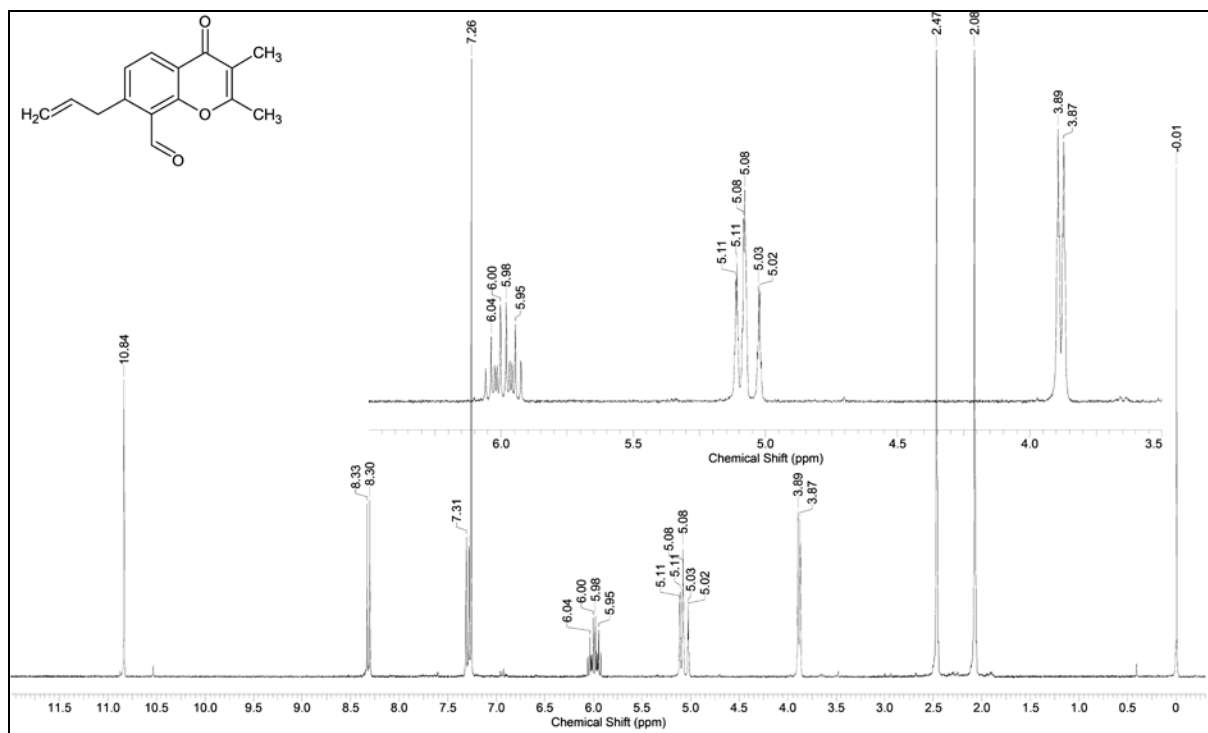
¹³C NMR spectrum of 22.



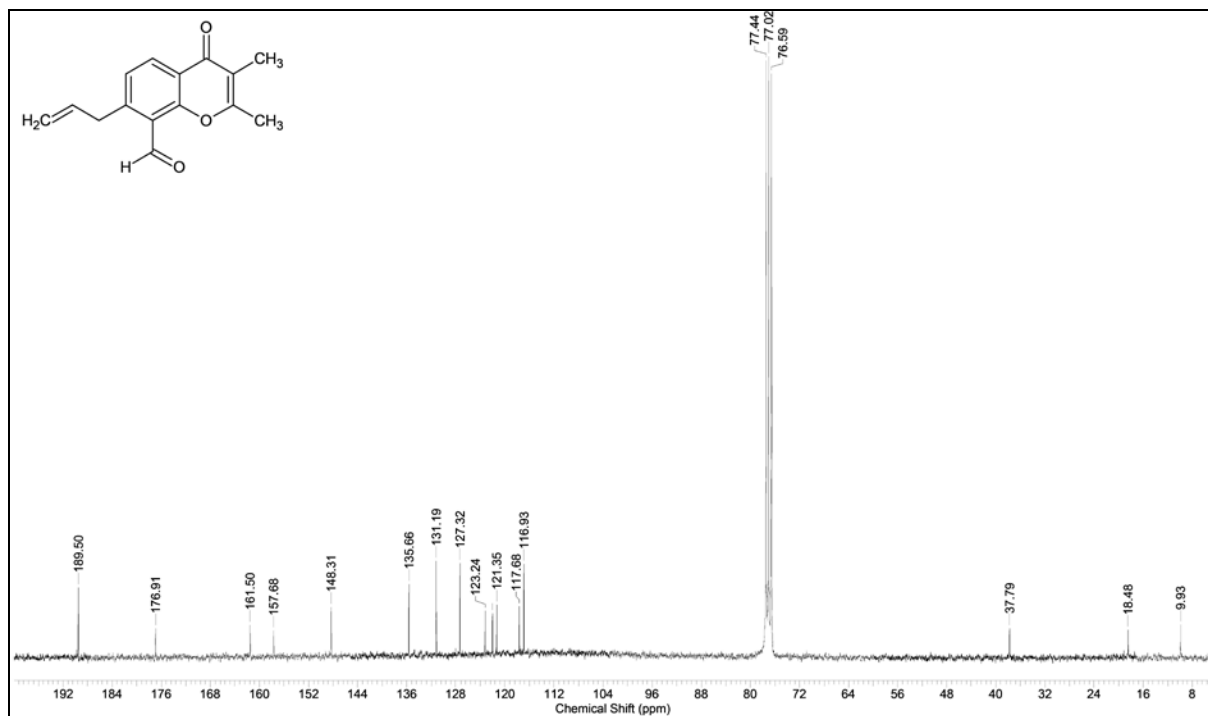
HSQC spectrum of 22.



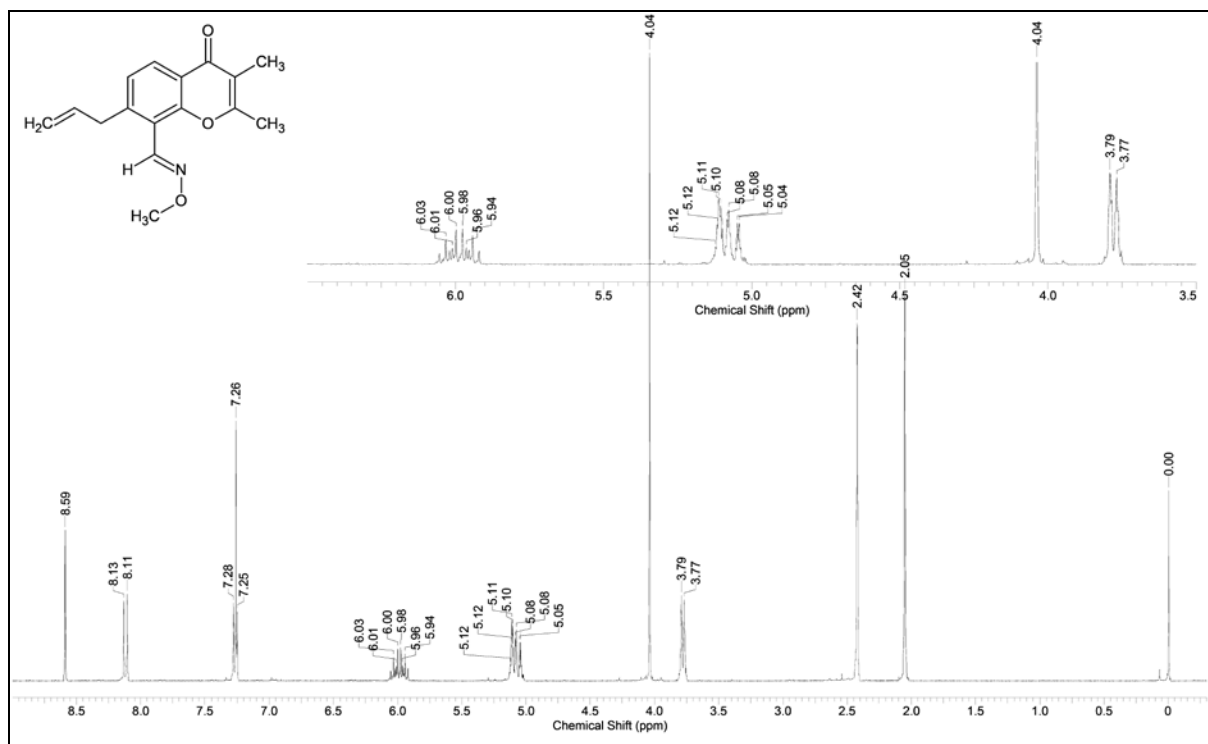
HMBC spectrum of 22.



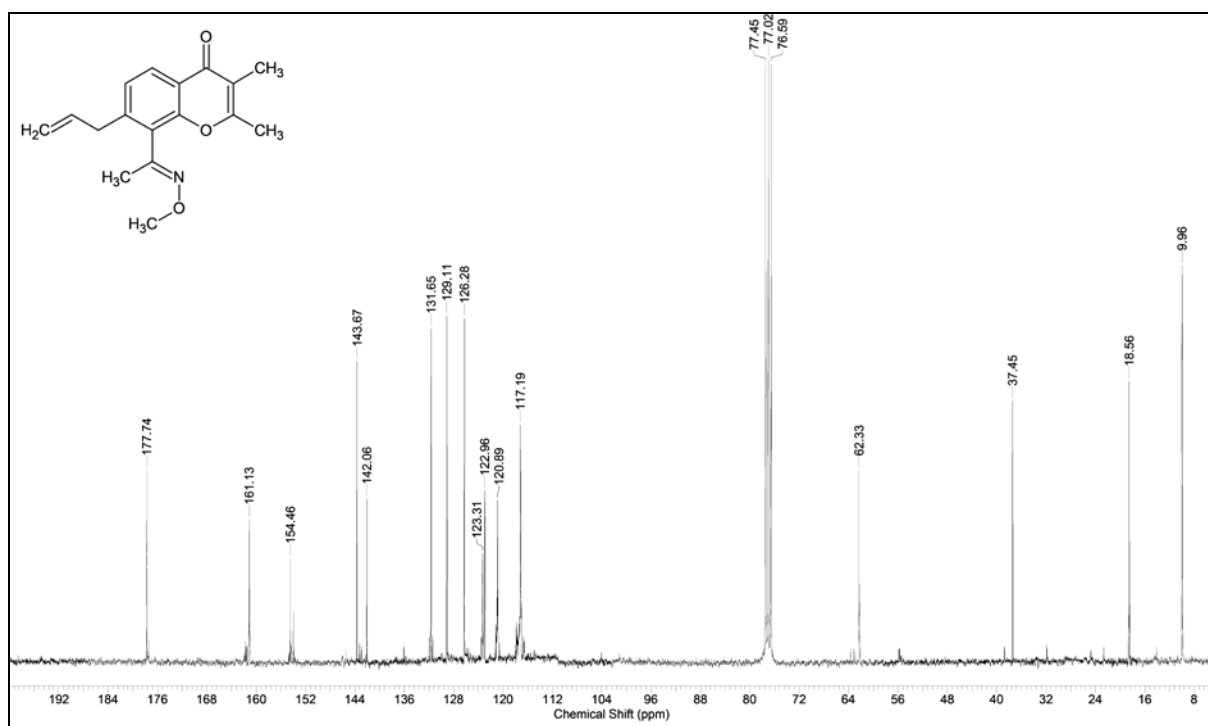
¹H NMR spectrum of **23**.



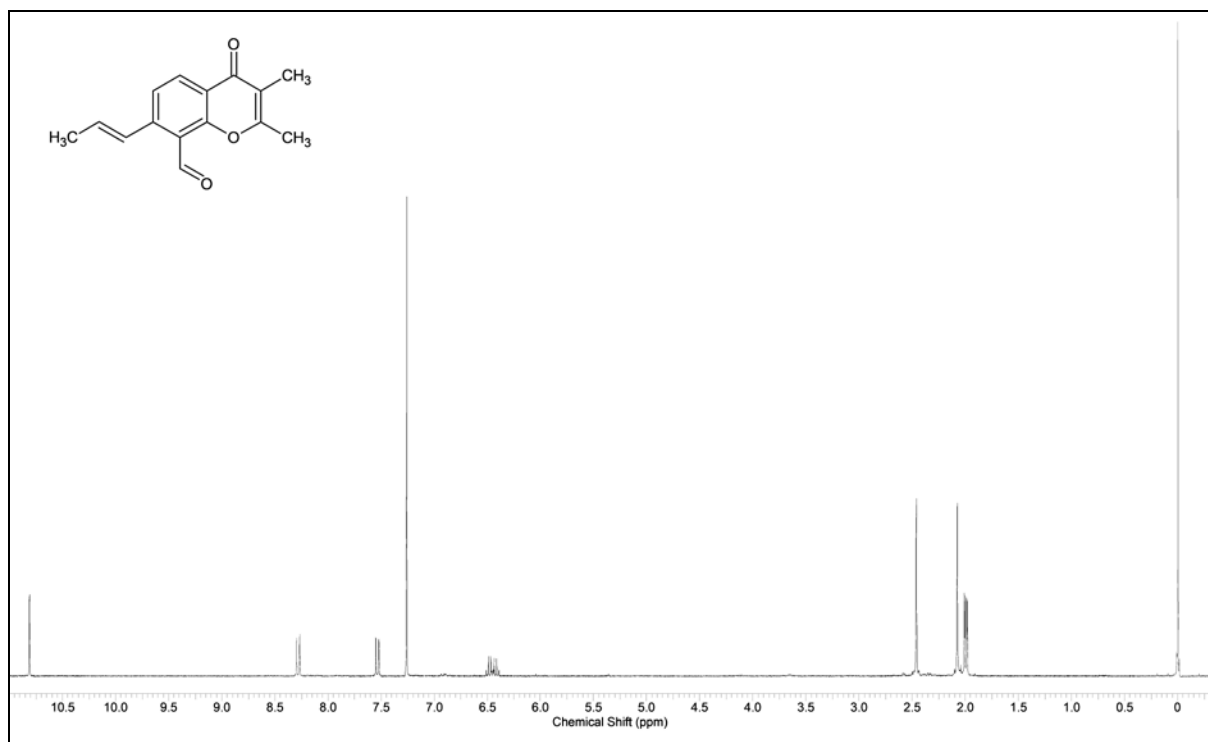
¹³C NMR spectrum of **23**.



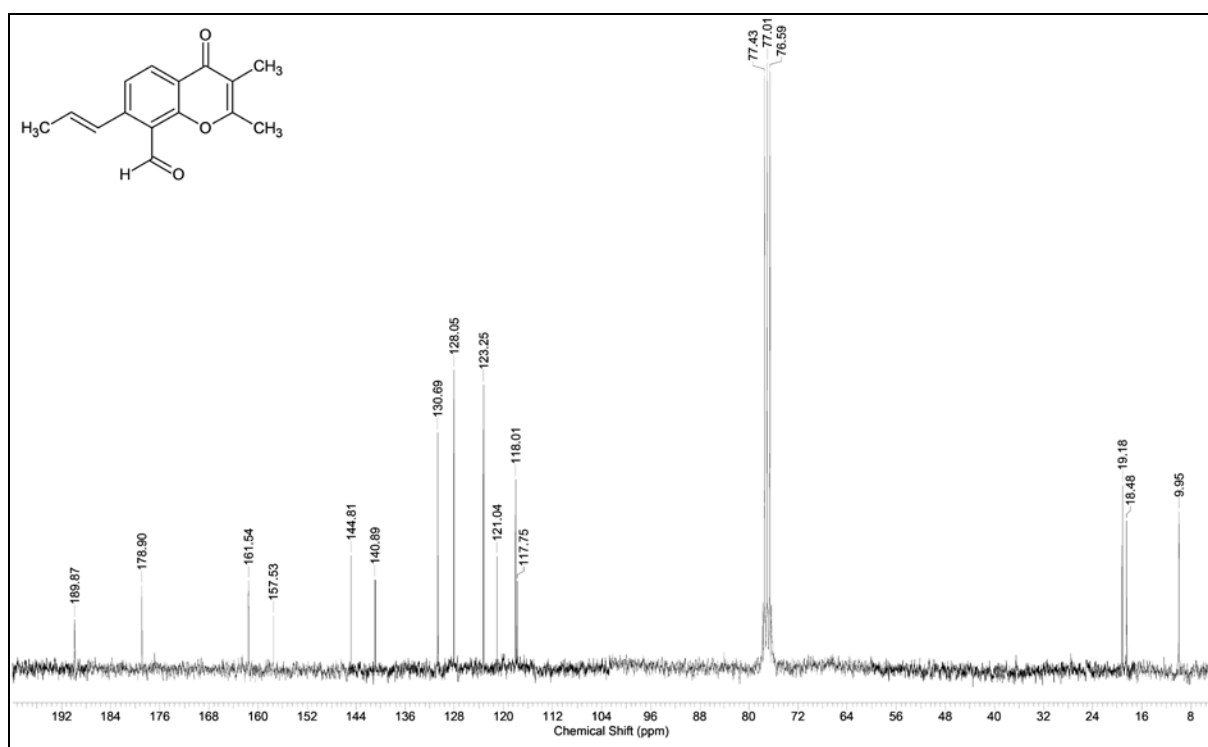
¹H NMR spectrum of **24**.



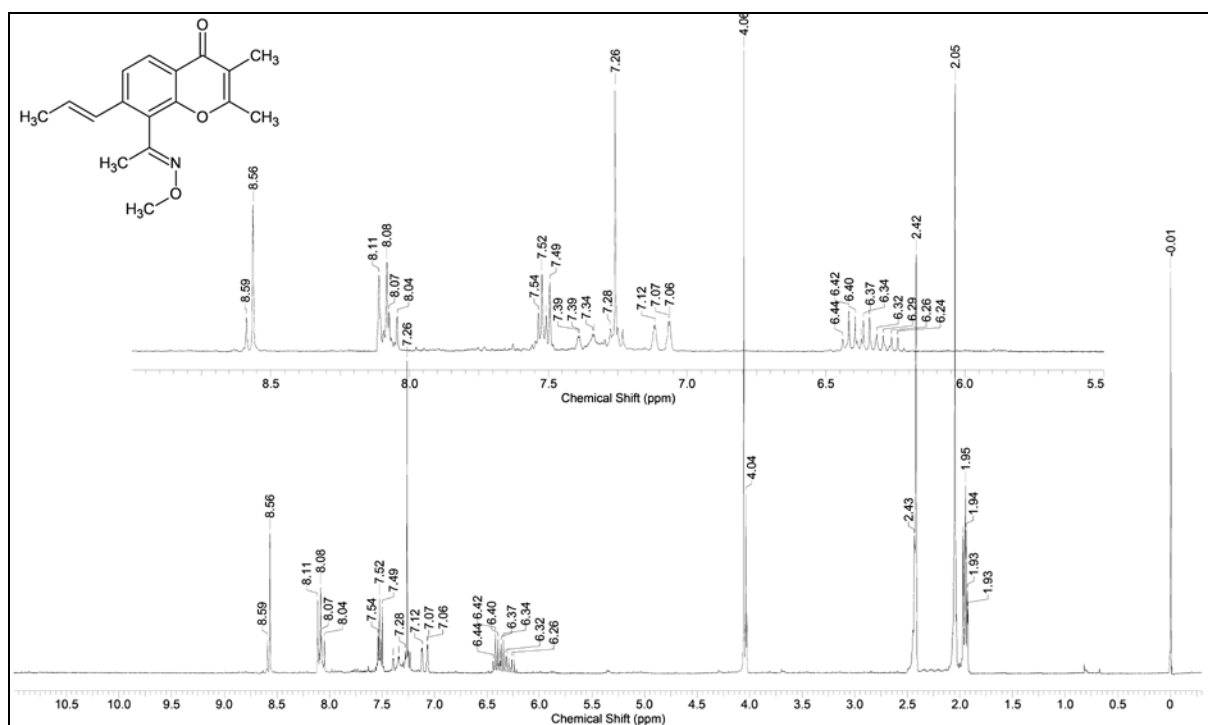
¹³C NMR spectrum of **24**.



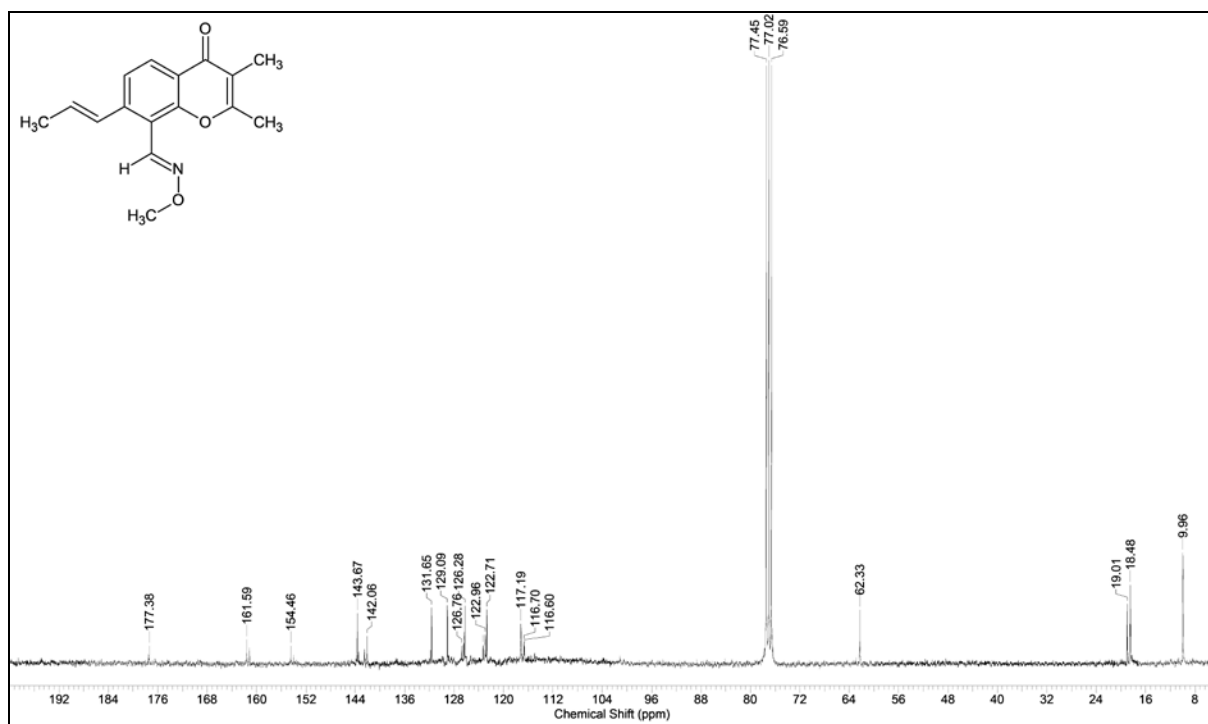
^1H NMR spectrum of **29**.



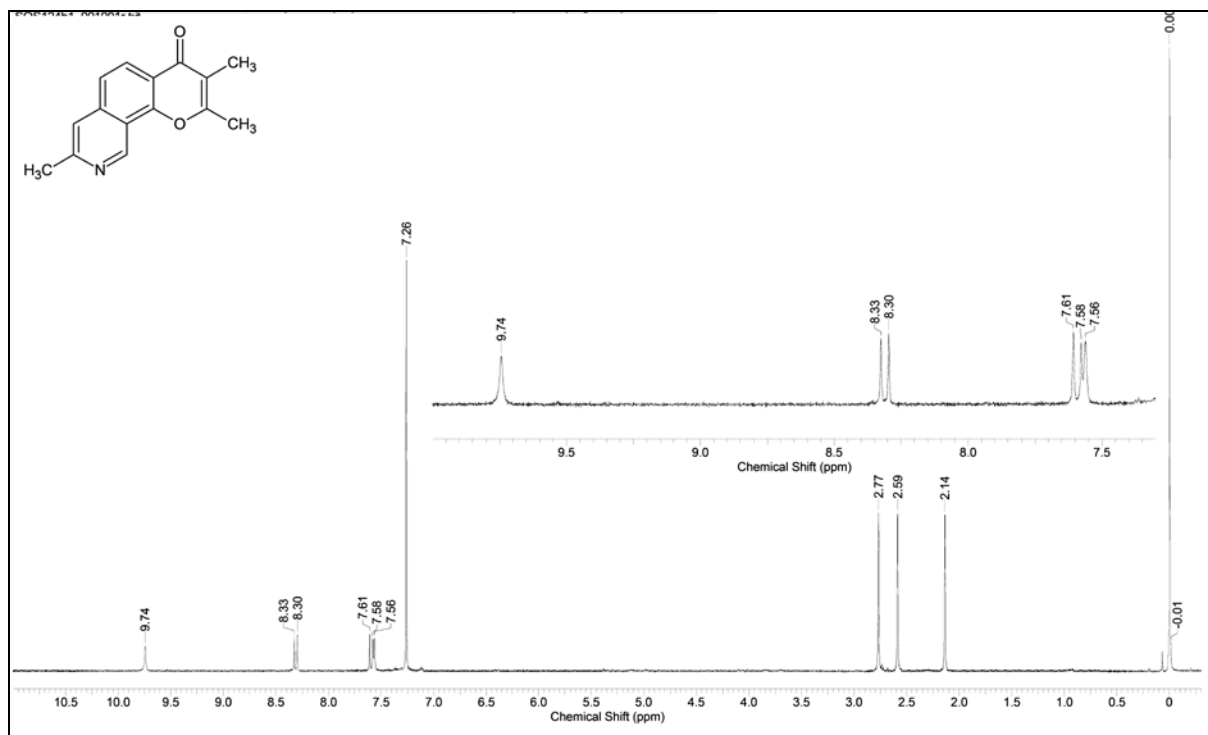
^{13}C NMR spectrum of **29**.



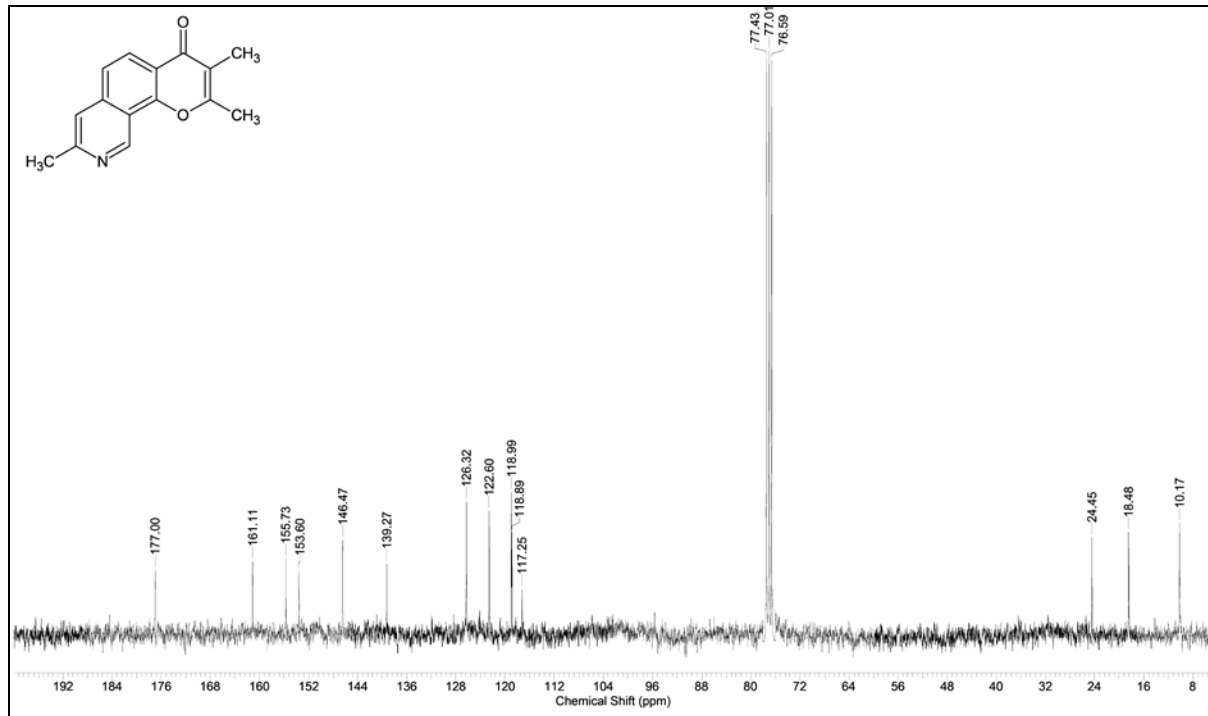
¹H NMR spectrum of **26**.



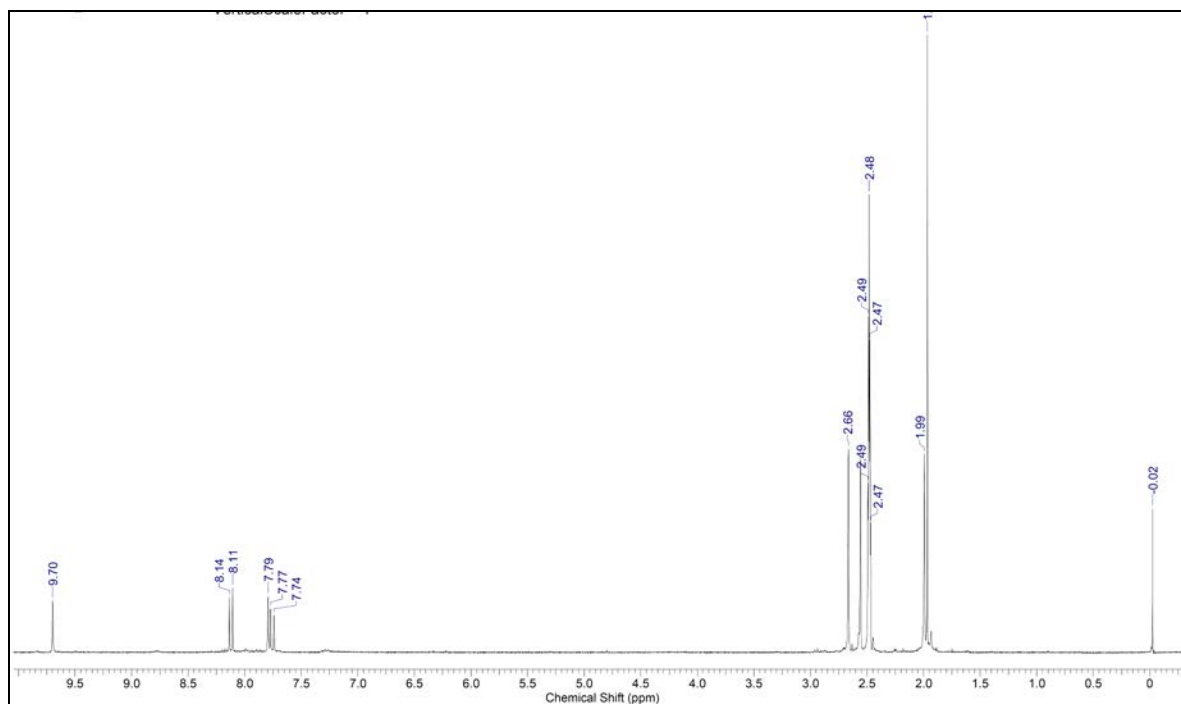
¹³C NMR spectrum of **26**.



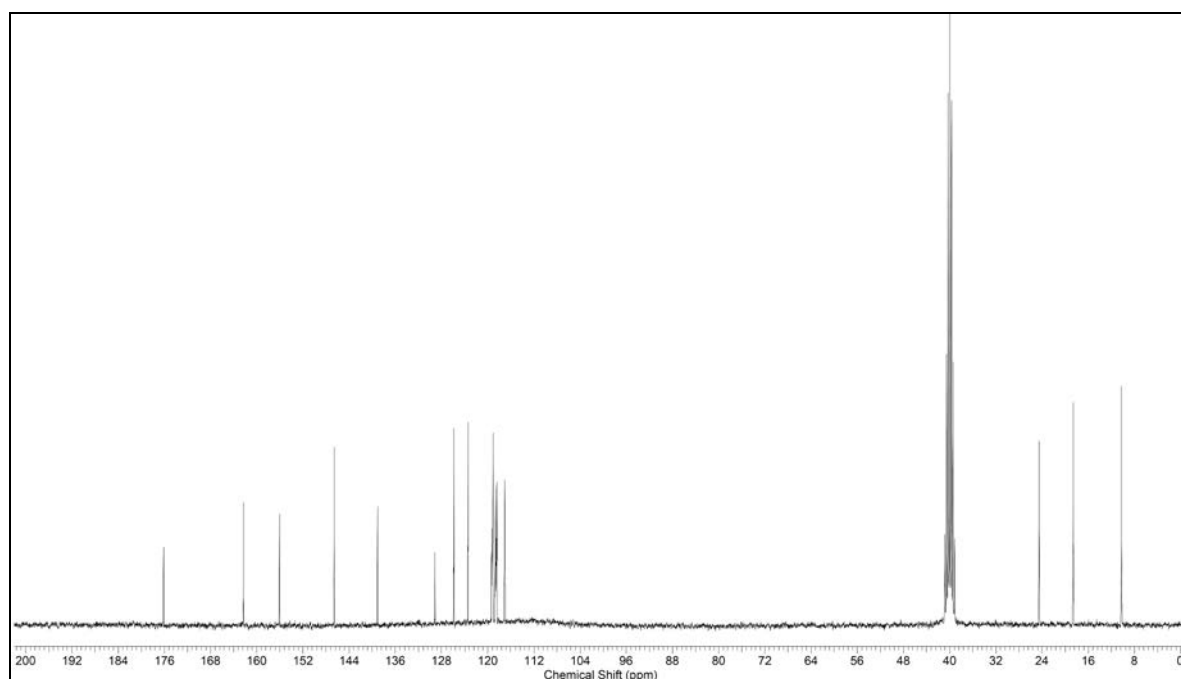
¹H NMR spectrum of **1**.



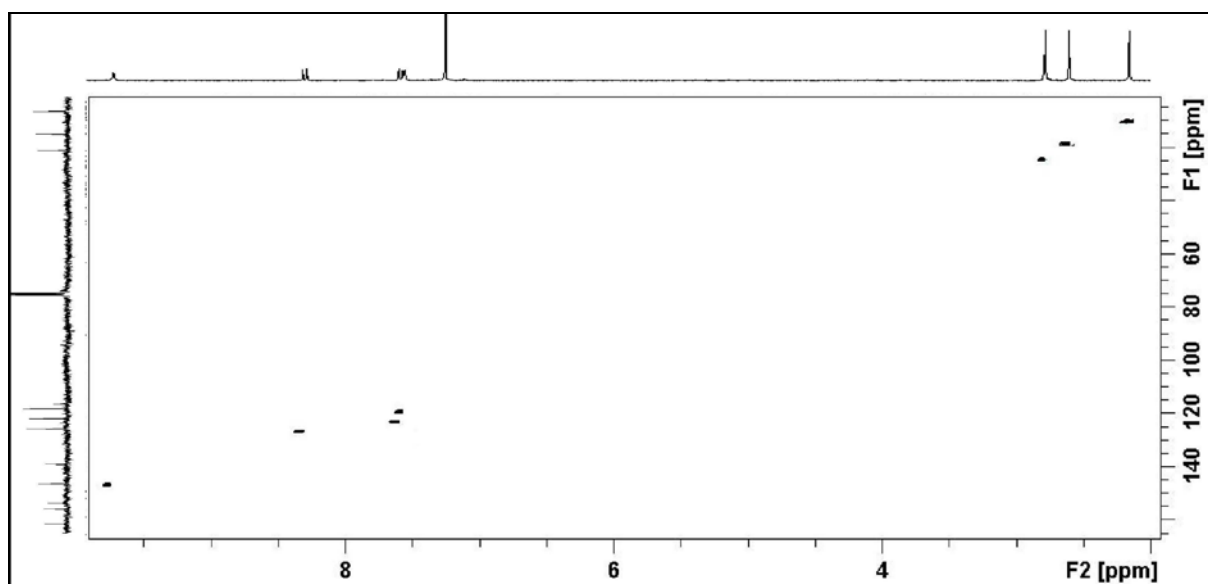
¹³C NMR spectrum of **1**.



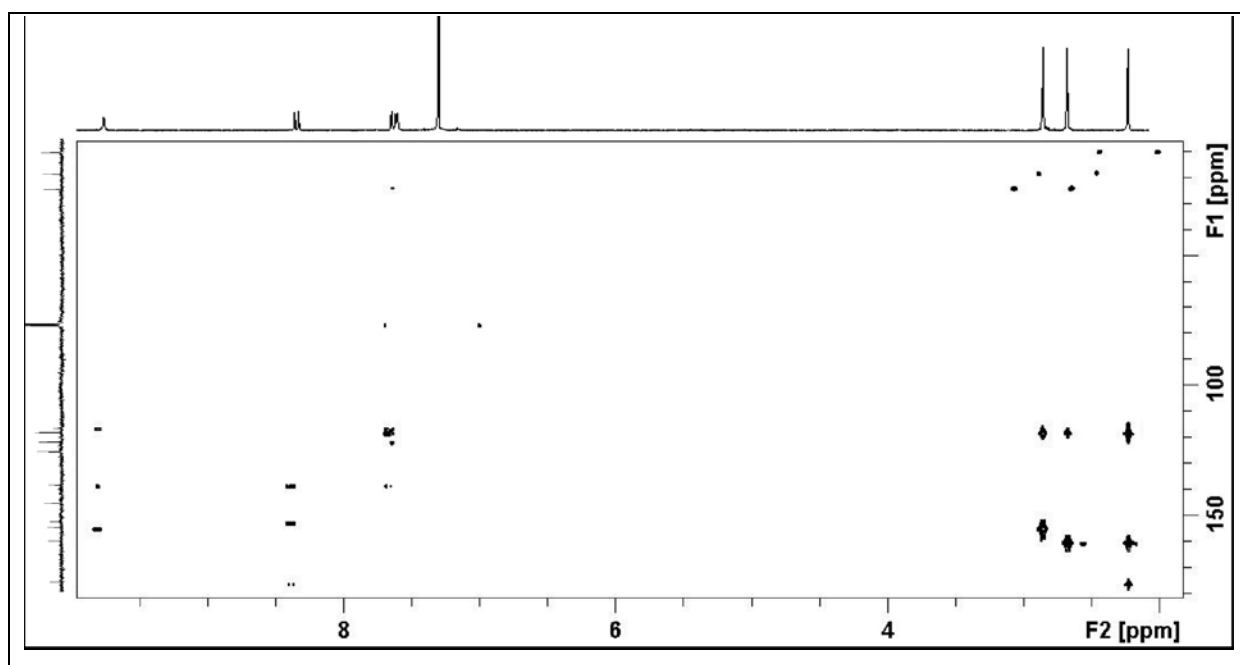
^1H NMR spectrum of **1** in $\text{DMSO}-d_6$.



^{13}C NMR spectrum of **1** in $\text{DMSO}-d_6$.



HSQC spectrum of **1**.



HMBC spectrum of **1**.