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Appendix

NMR Spectra of compound isolated from *Ficus lutea*

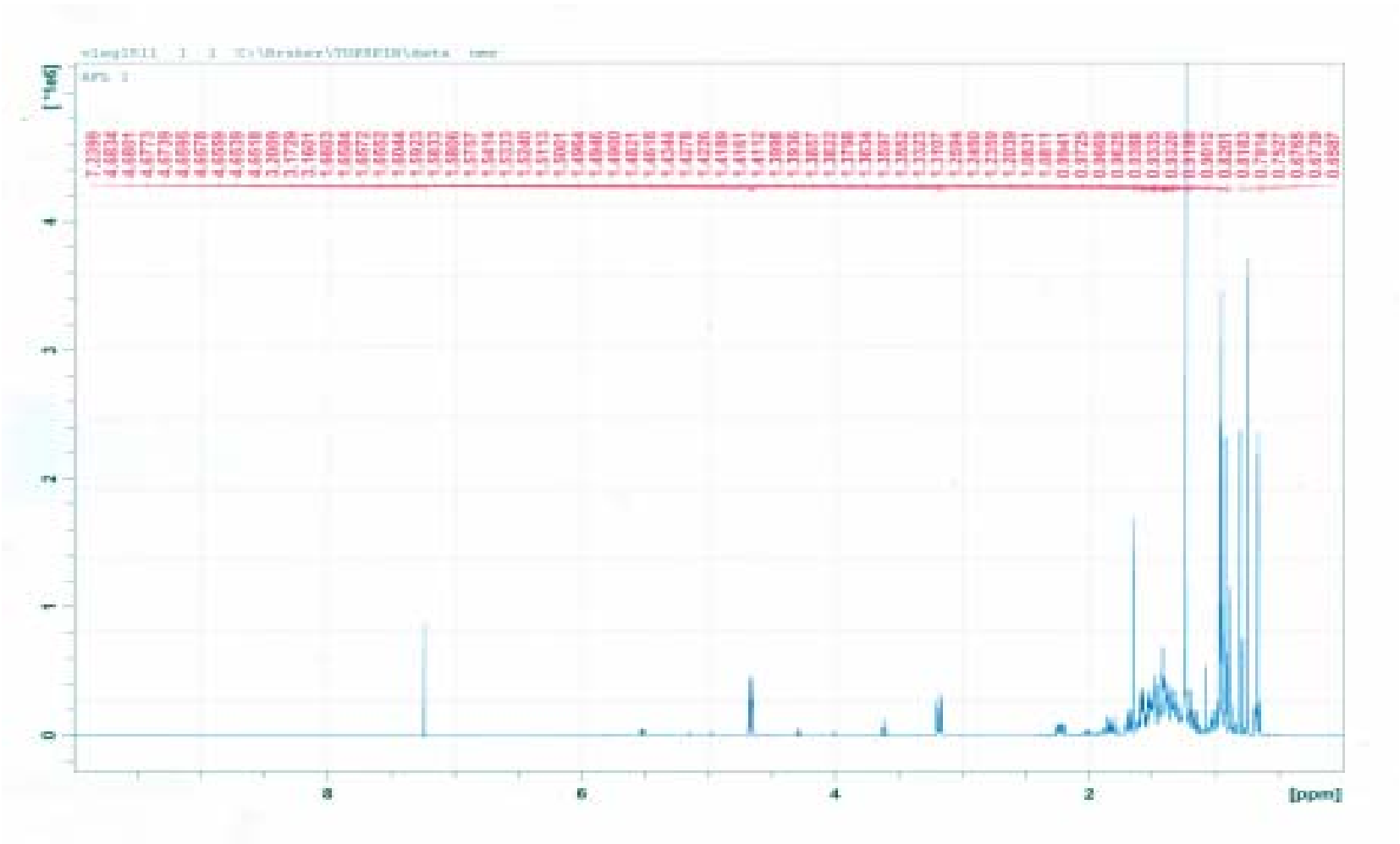

Figure 1: ^{1}H-NMR (500 MHz, $CDCl_3$) of AFL1 or Lupeol (**1**)

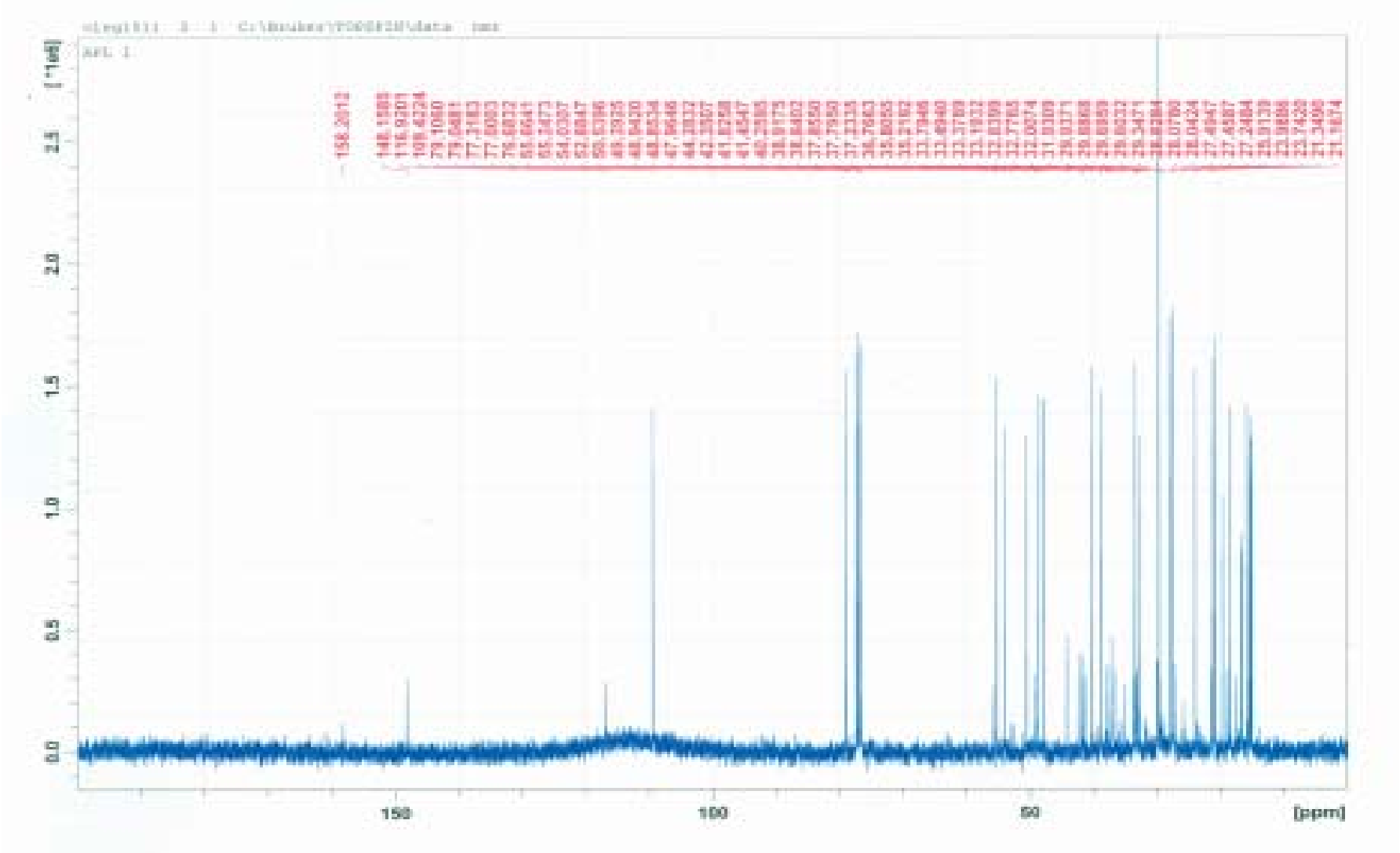

Figure 2: ^{13}C-NMR (125 MHz, $CDCl_3$) Spectrum of AFL1 or Lupeol (**1**)

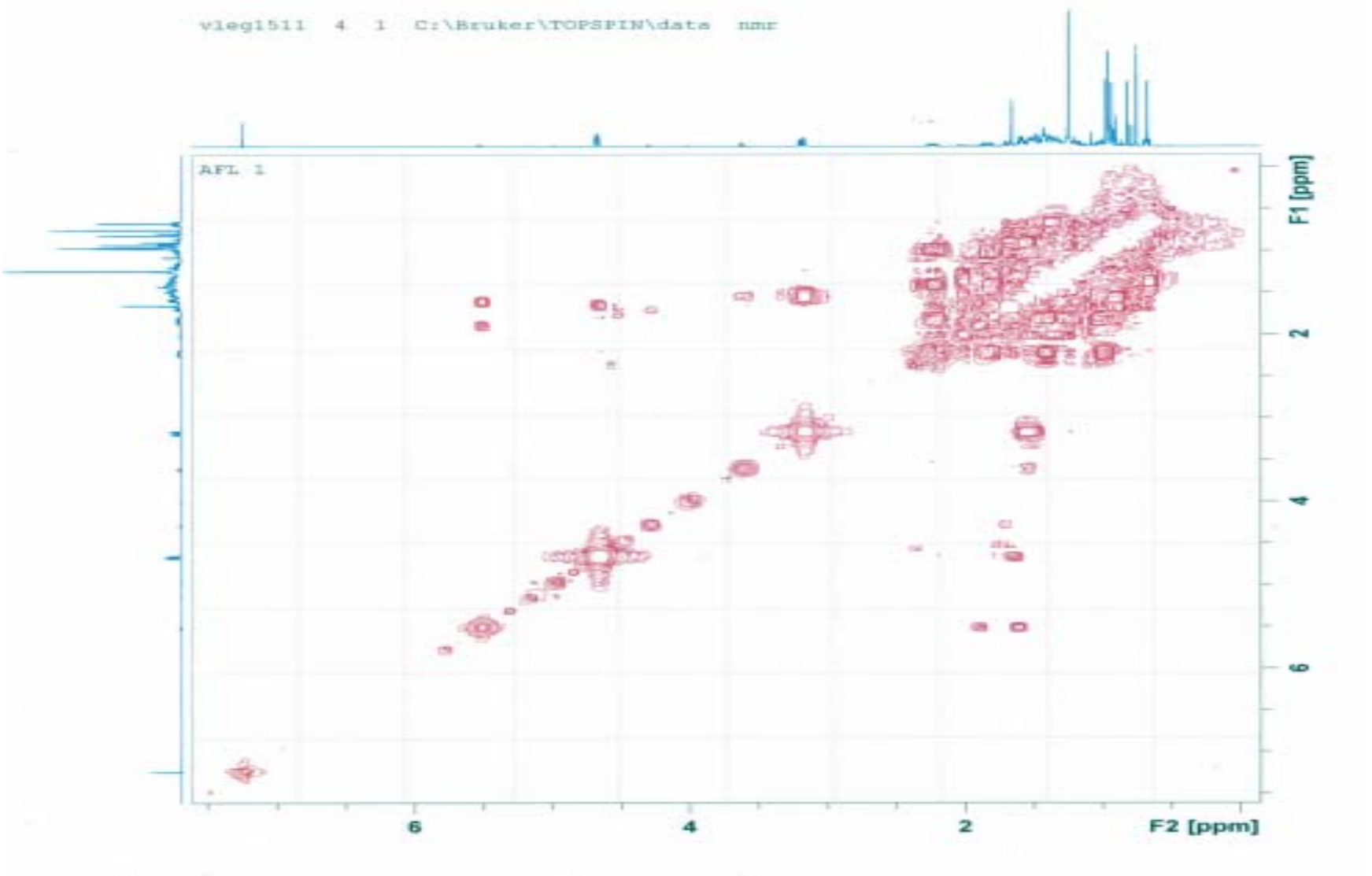

Figure 3: ^{1}H ^{1}H COSY (500 MHz, $CDCl_3$) Spectrum of AFL1 or Lupeol (**1**)

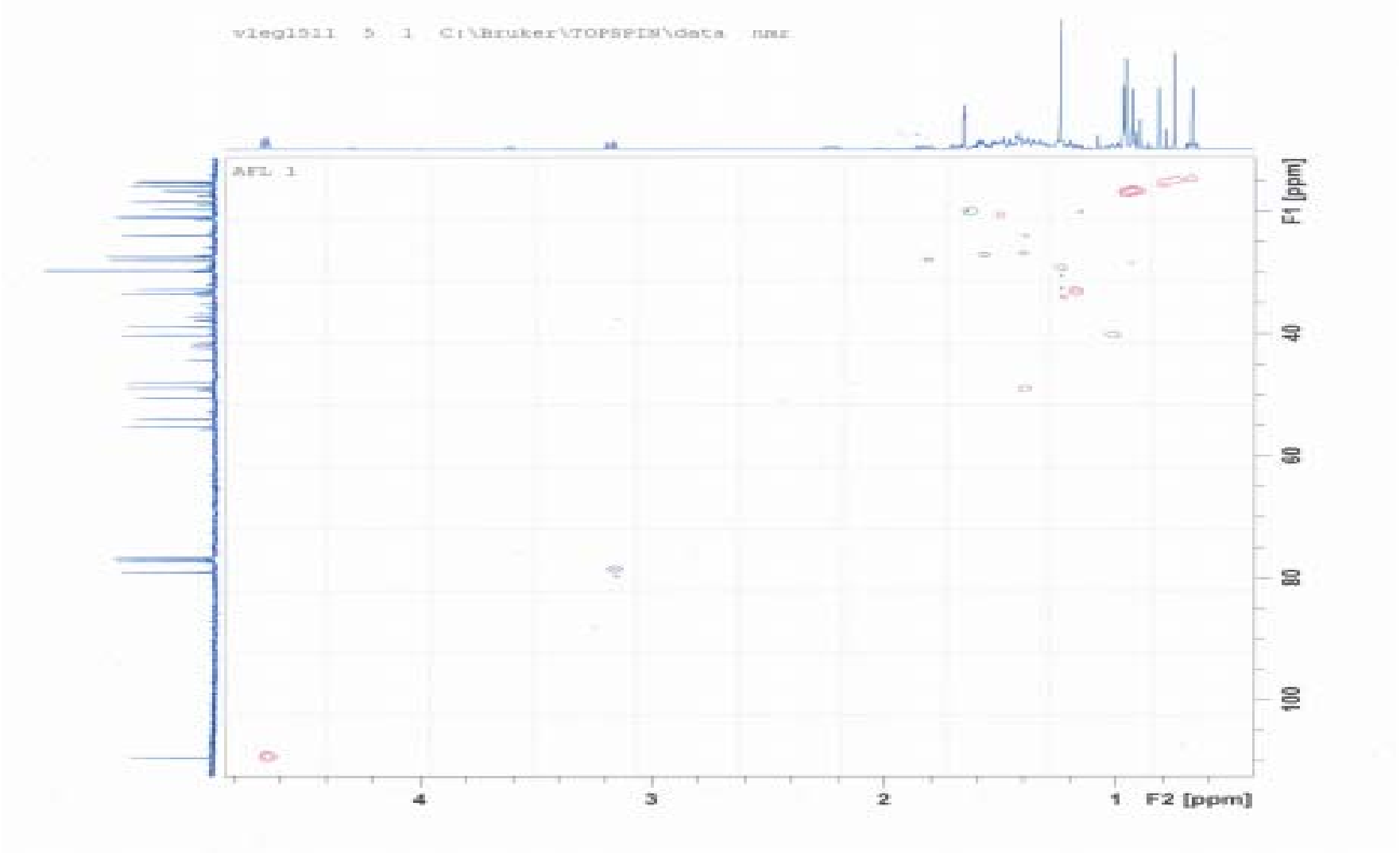

Figure 4: HSQC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL1 or Lupeol (**1**)

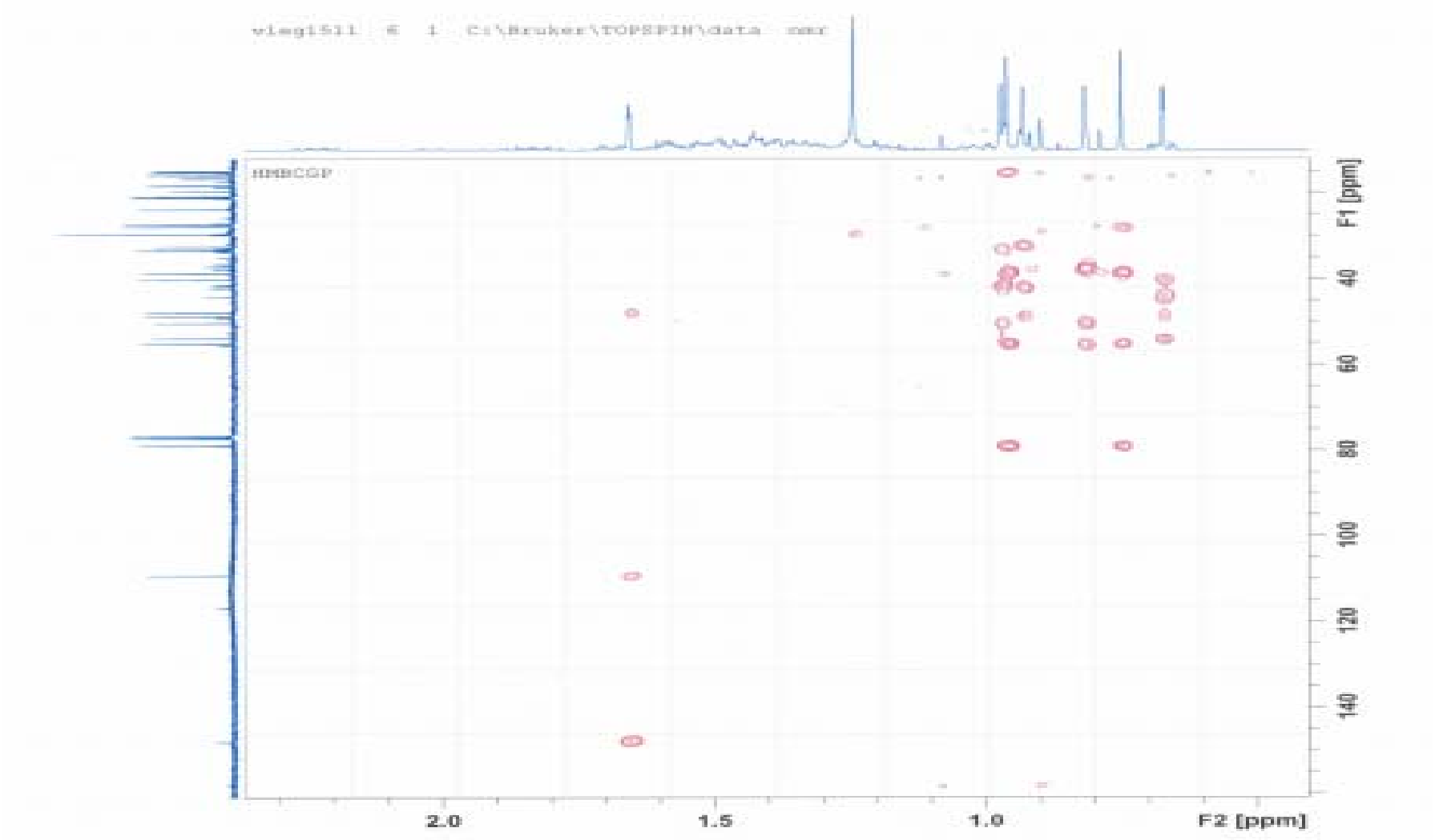

Figure 5: HMBC (500 MHz: ^{1}H and 125 MHz :^{13}C, $CDCl_3$) Spectrum of AFL1 or Lupeol (**1**)

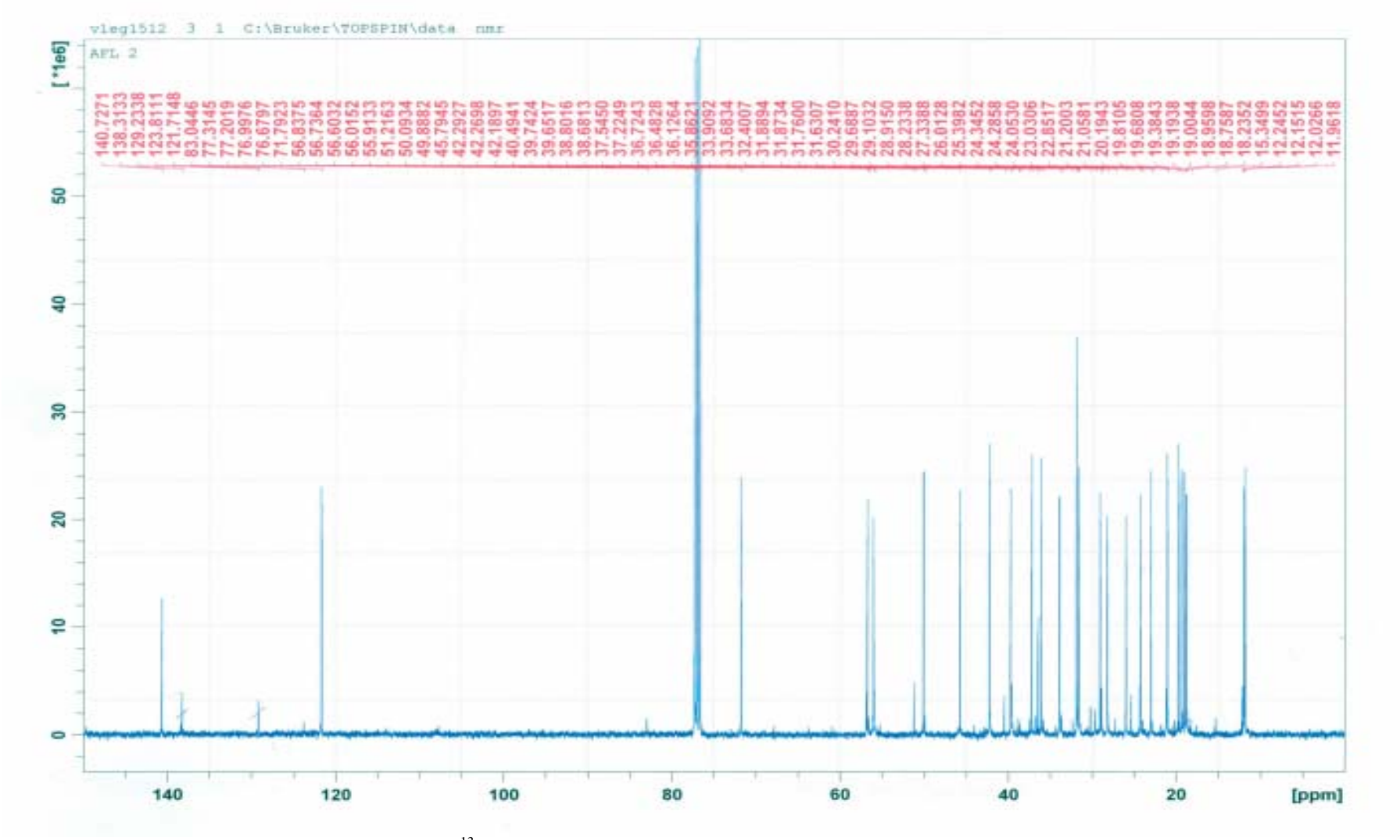

Figure 6: ^{13}C-NMR (125 MHz, $CDCl_3$) Spectrum of AFL2 or Stigmasterol (**2**)

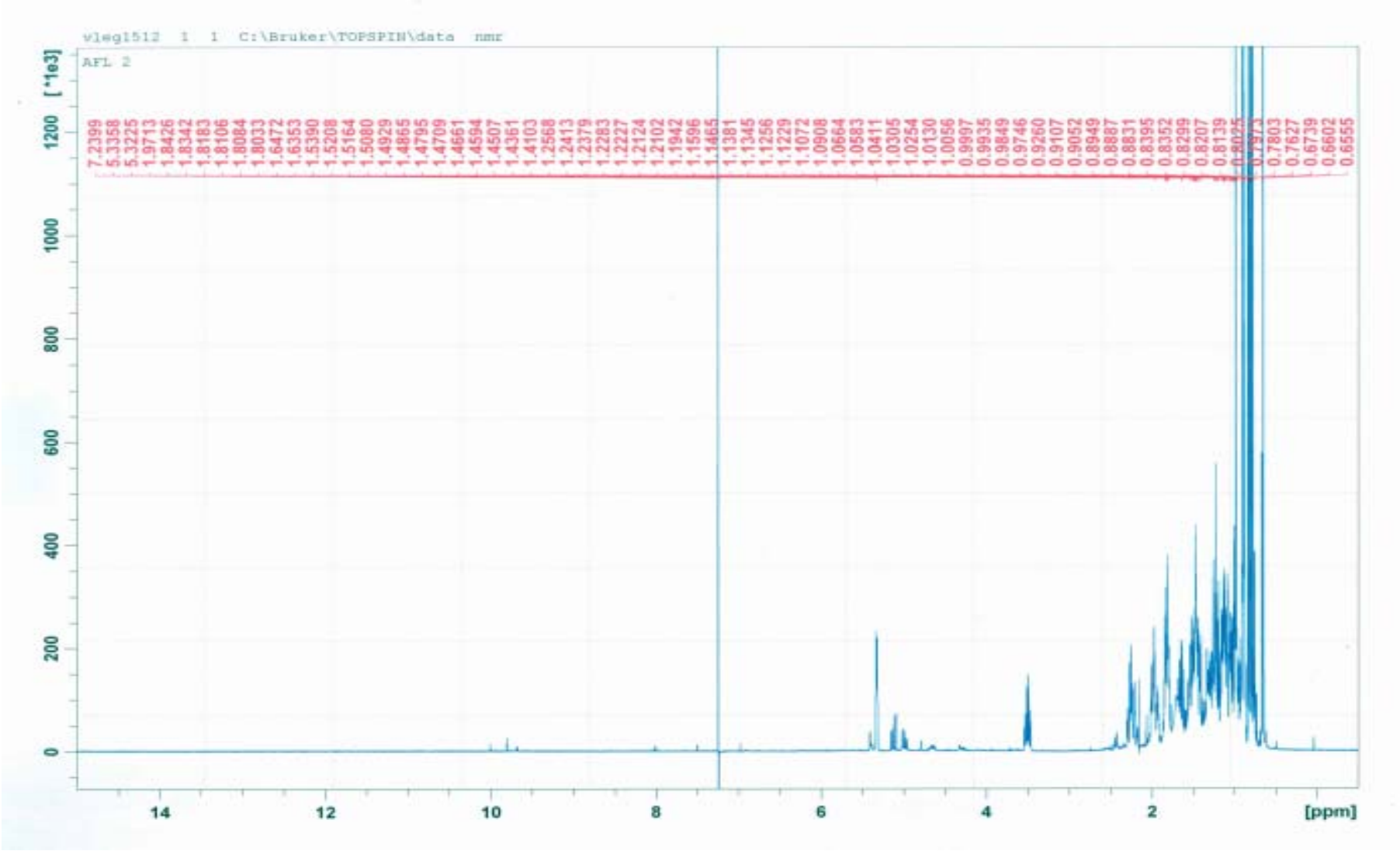

Figure 7: ^{1}H-NMR (500 MHz, $CDCl_3$) Spectrum of AFL2 or Stigmasterol (**2**)

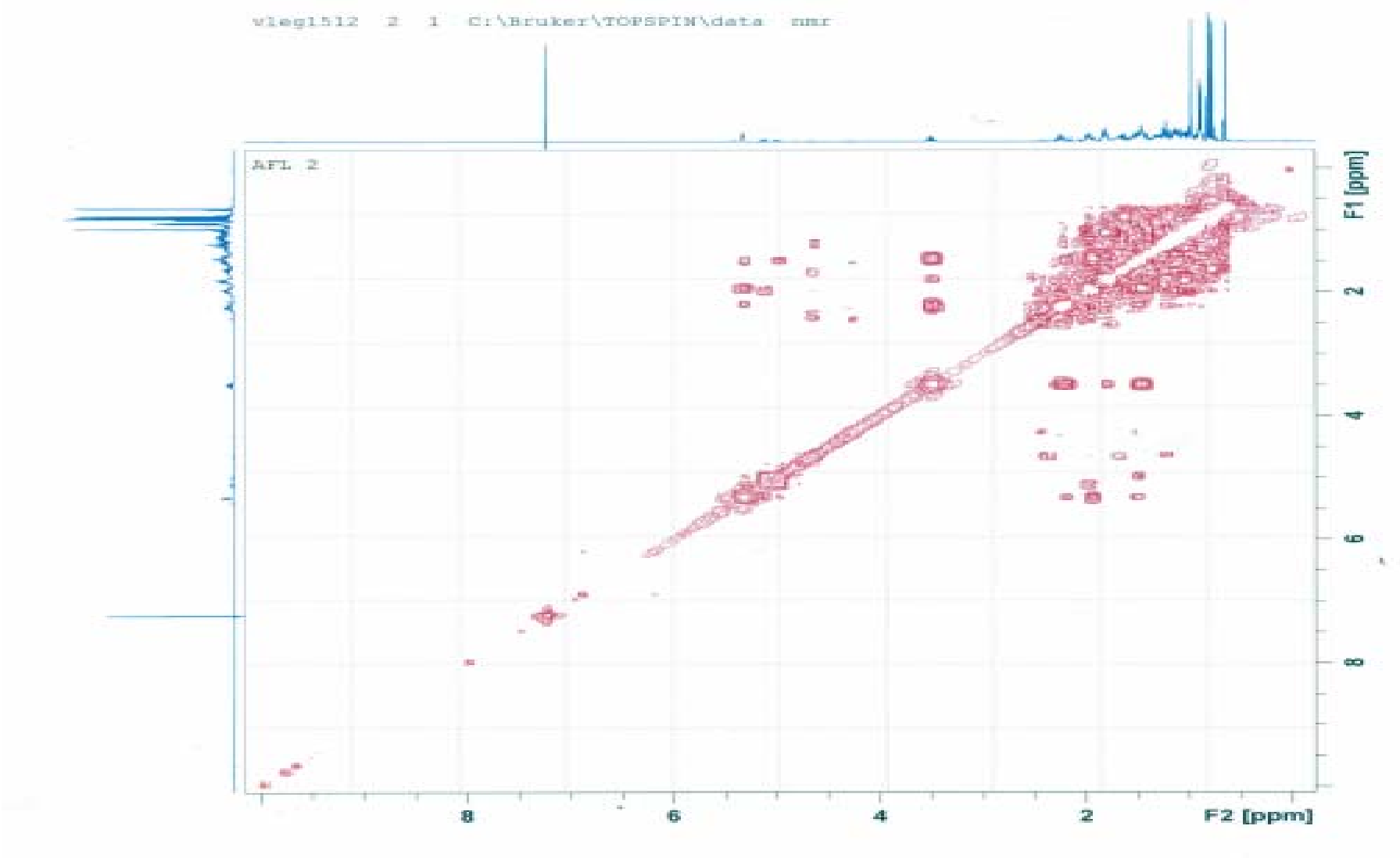

Figure 8: ^{1}H ^{1}H COSY (500 MHz, $CDCl_3$) Spectrum of AFL2 or Stigmasterol (**2**)

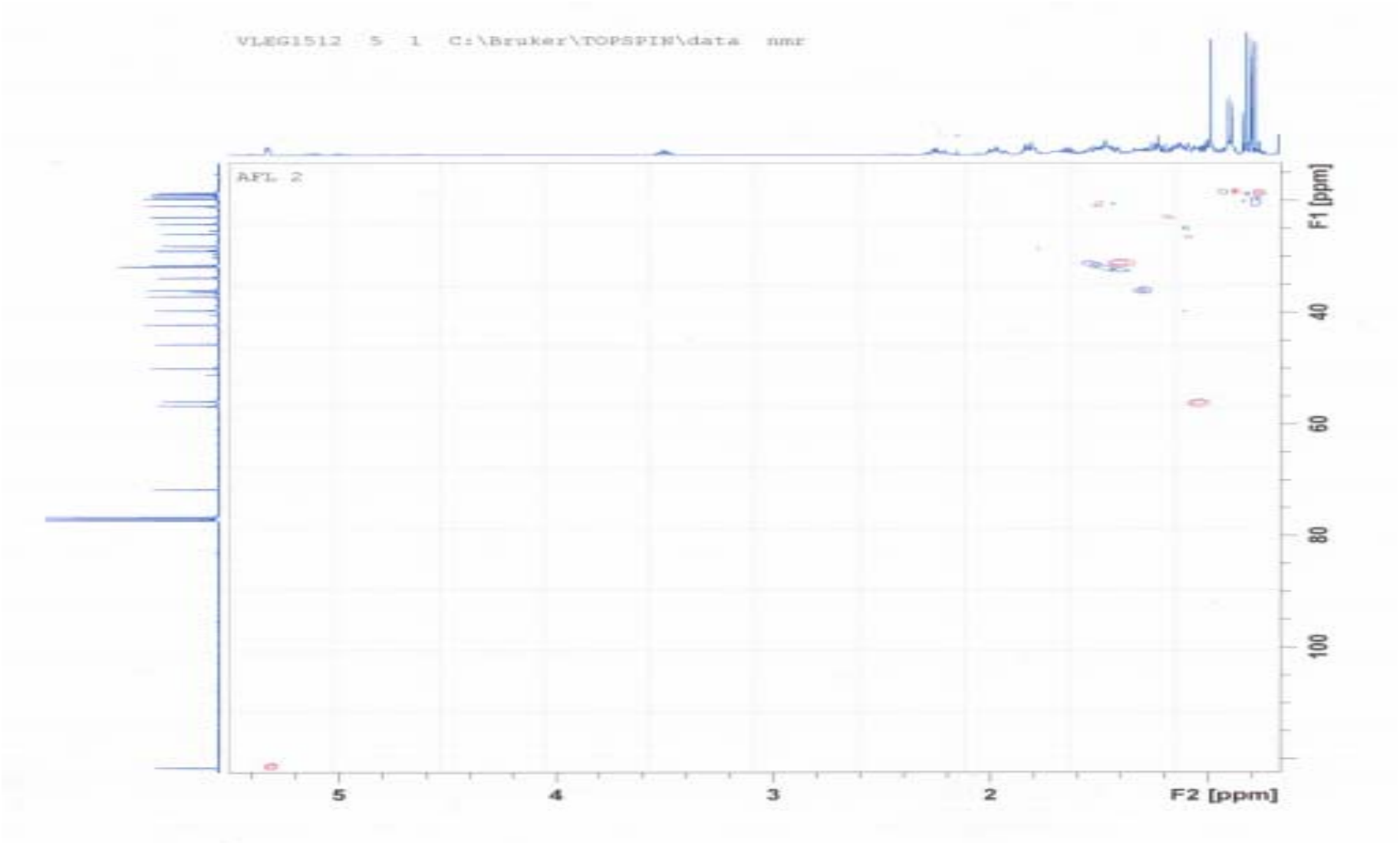

Figure 9: HSQC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL2 or Stigmasterol (**2**)

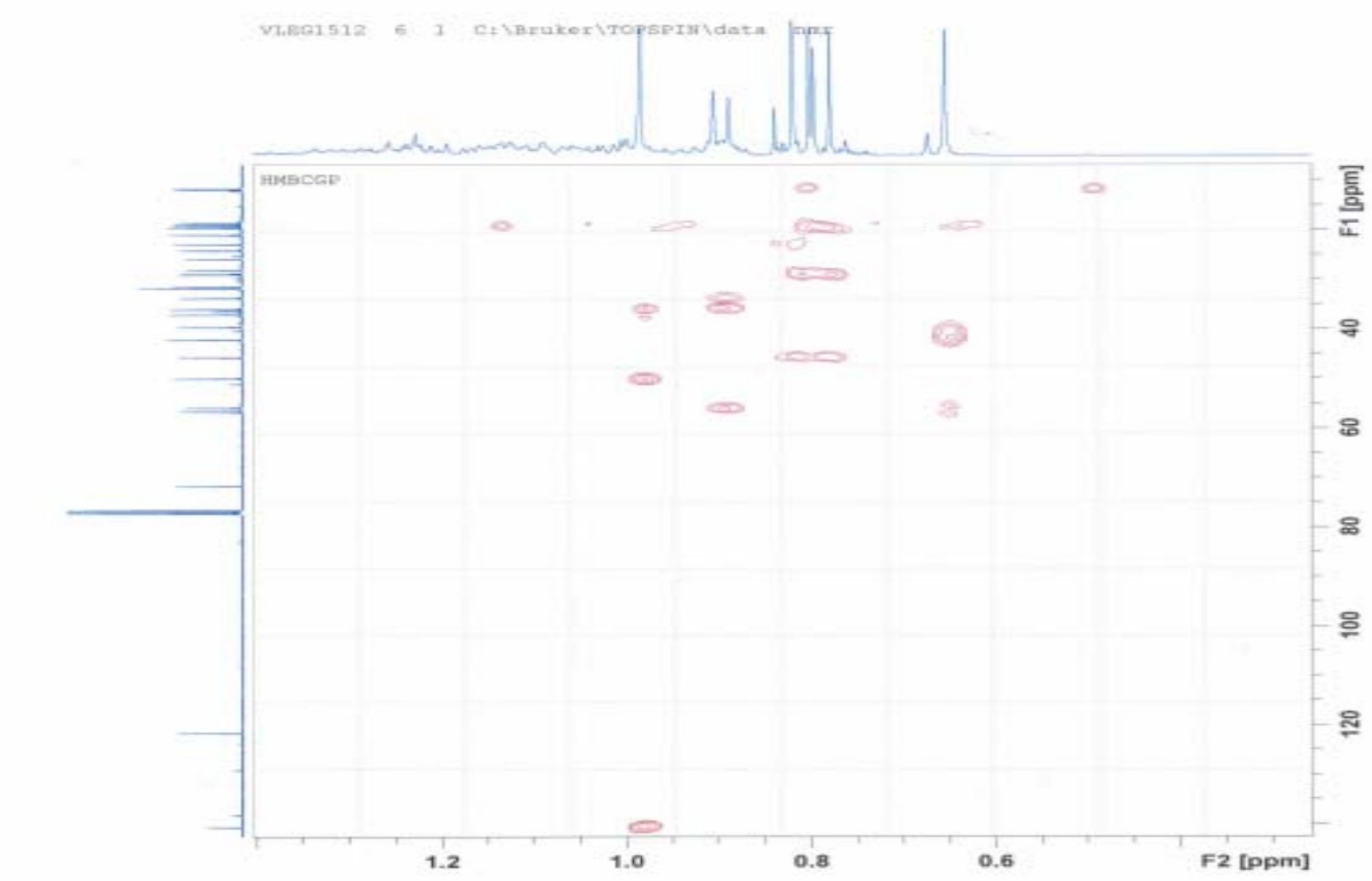

Figure 10: HMBC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL2 or Stigmasterol (**2**)

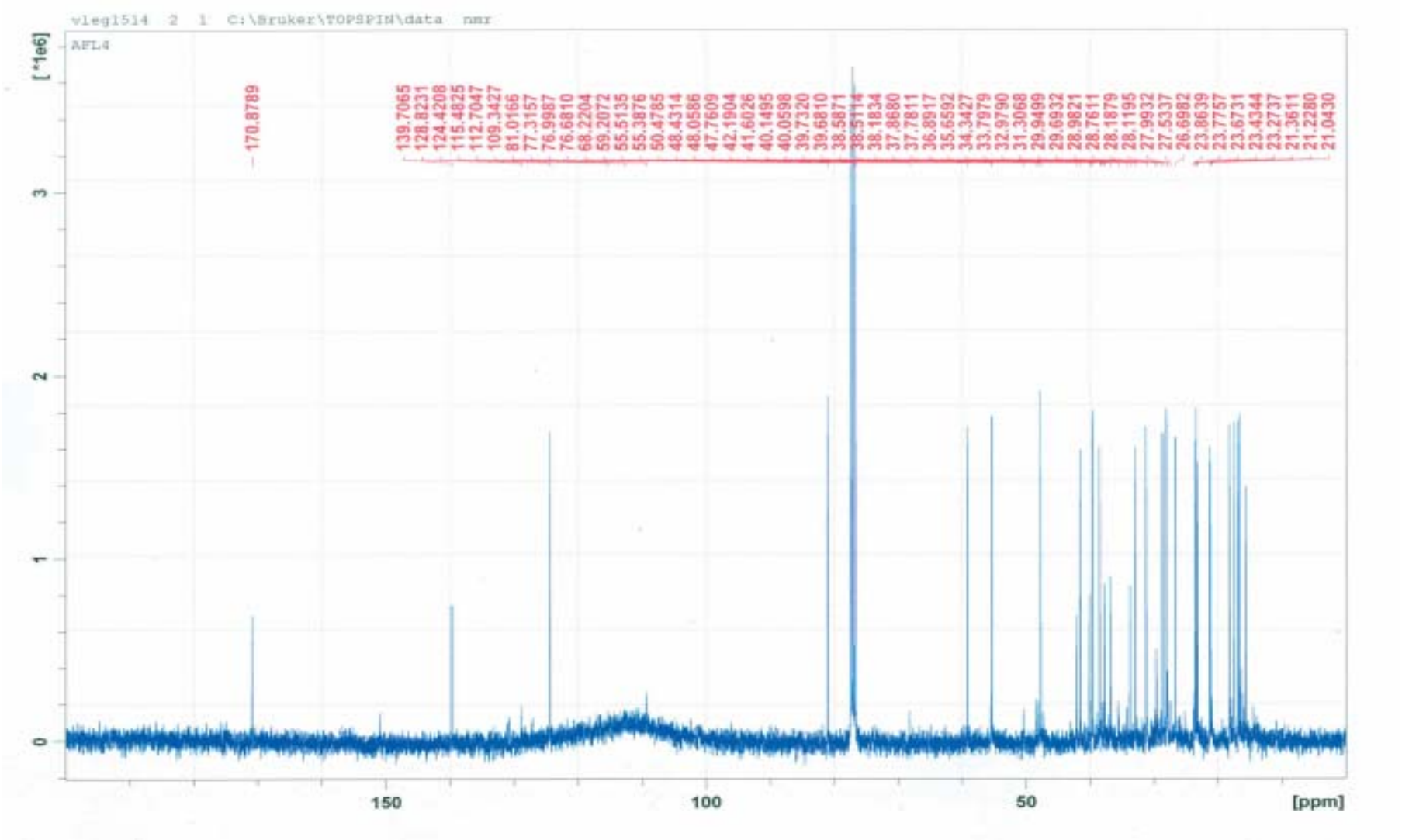

Figure 11: ^{13}C-NMR (125 MHz, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

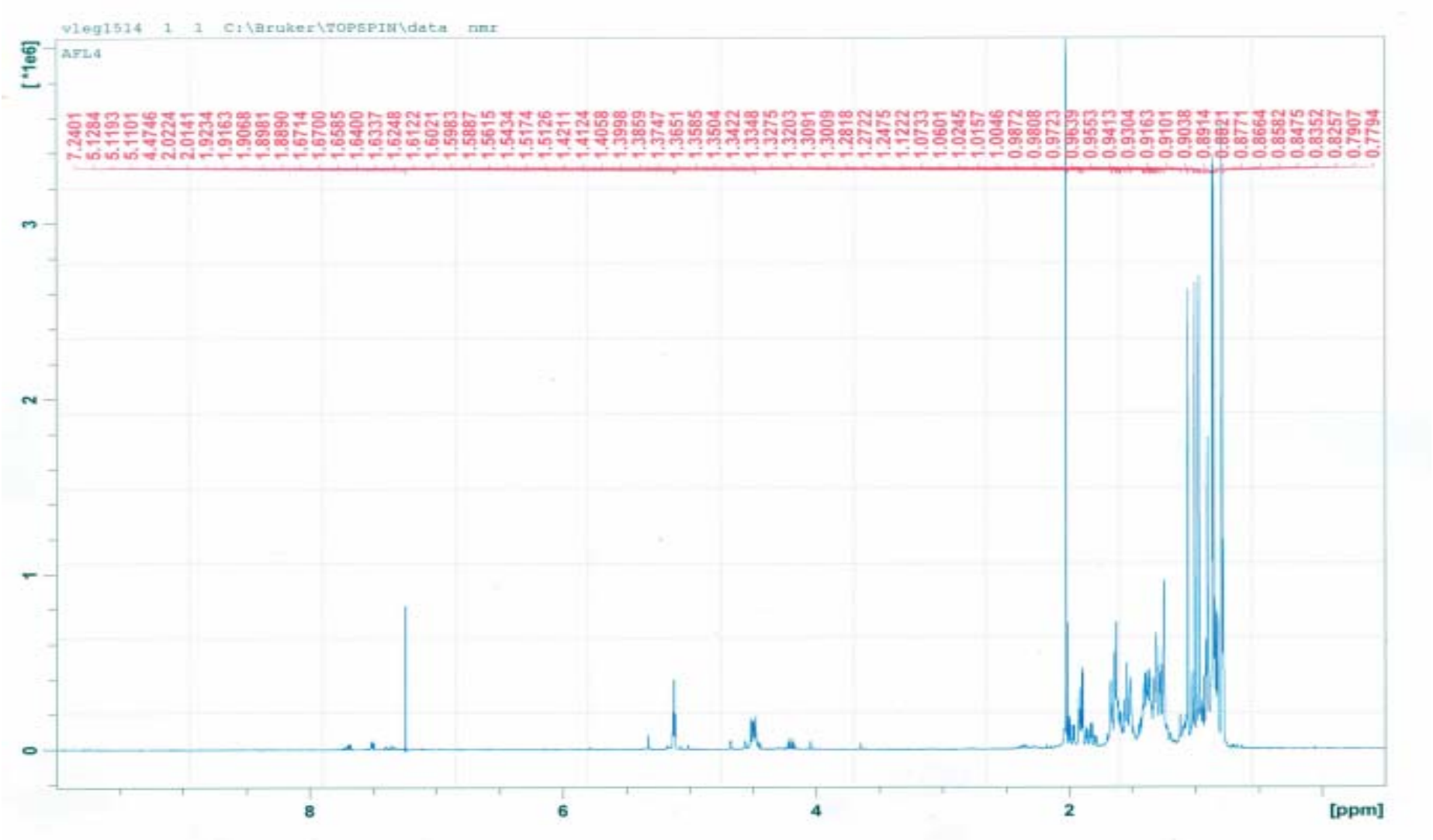

Figure 12: ^{1}H NMR (500 MHz, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

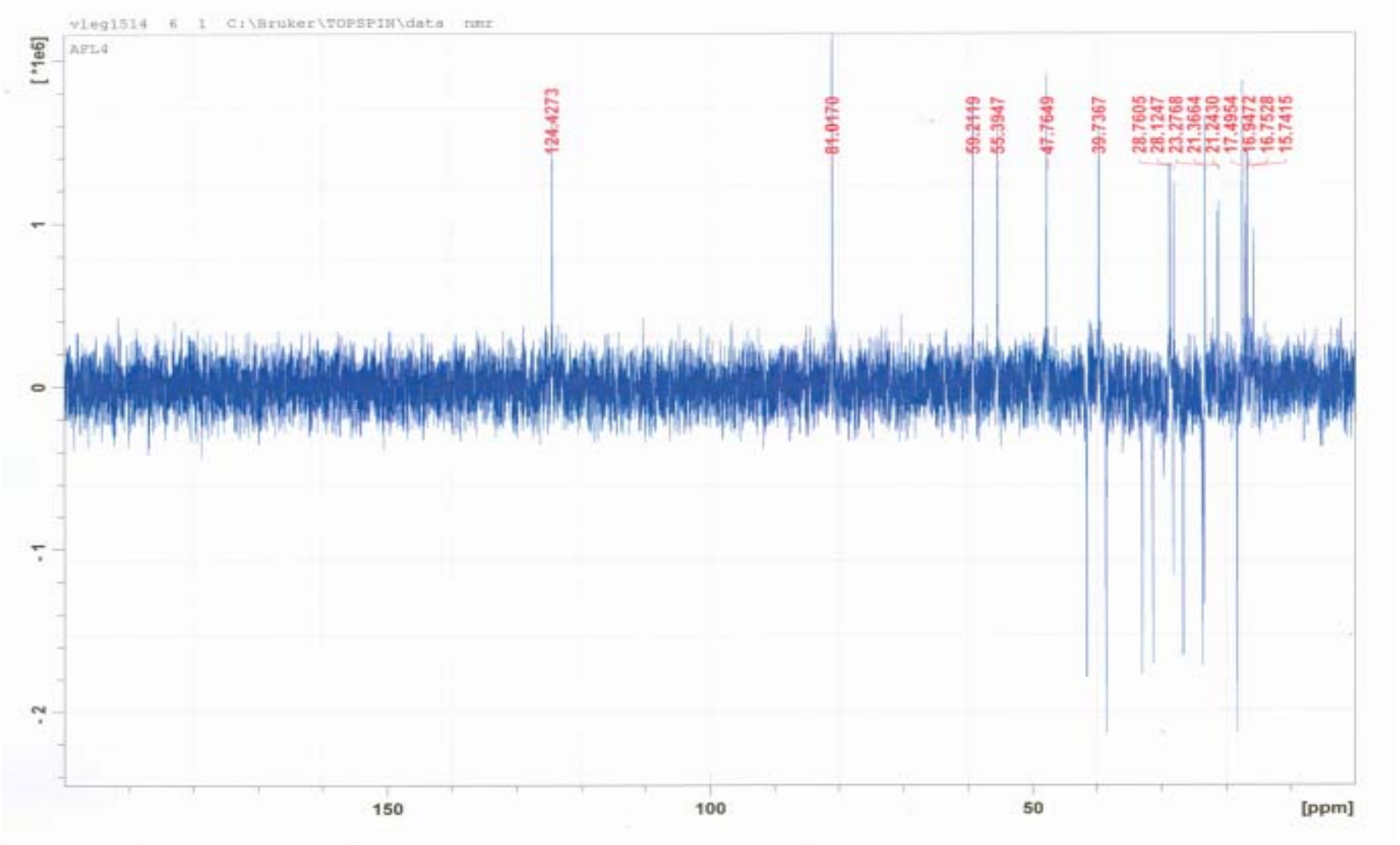

Figure 13: DEPT (125 MHz, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

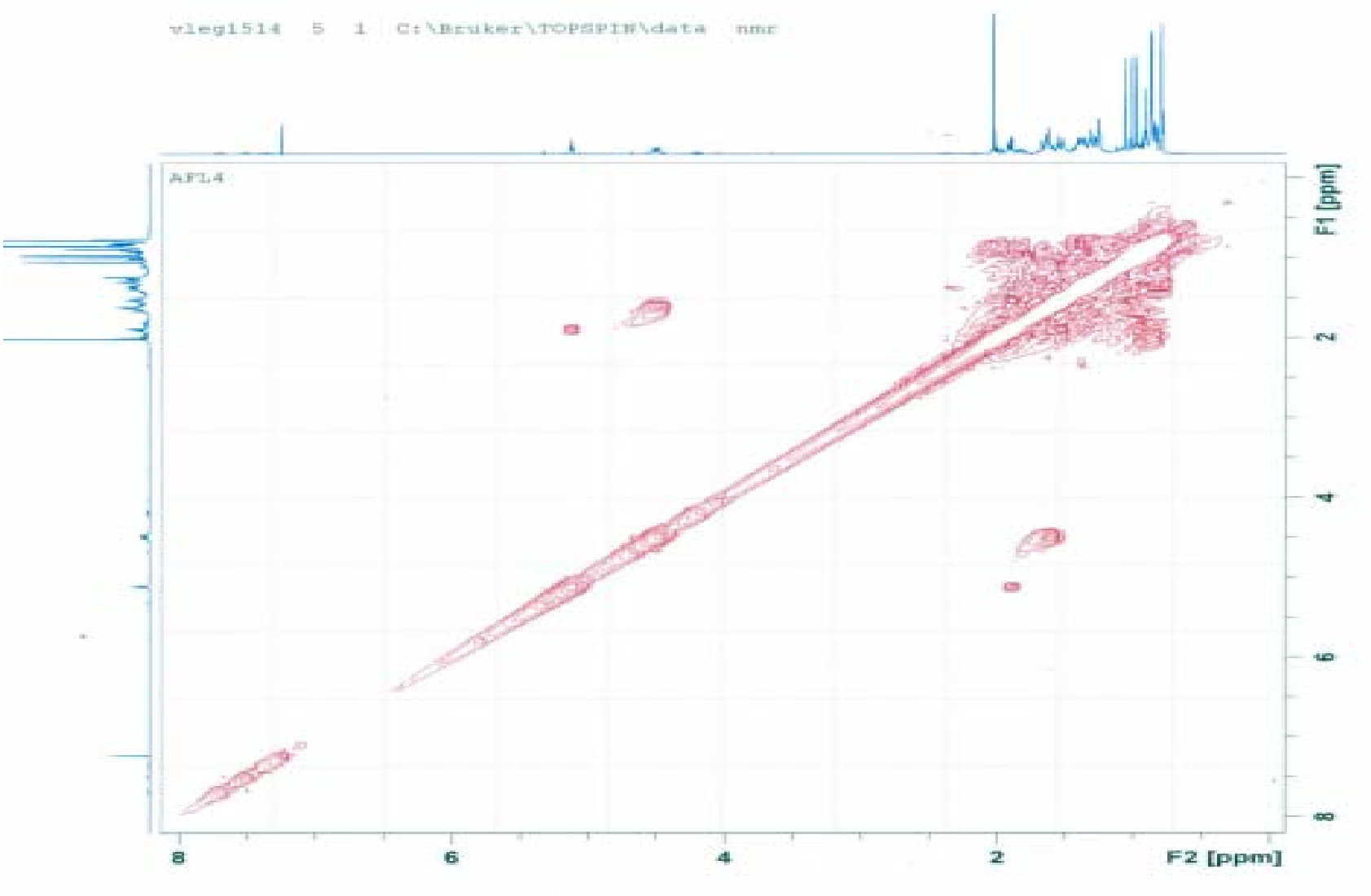

Figure 14: ^{1}H ^{1}H COSY (500 MHz, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

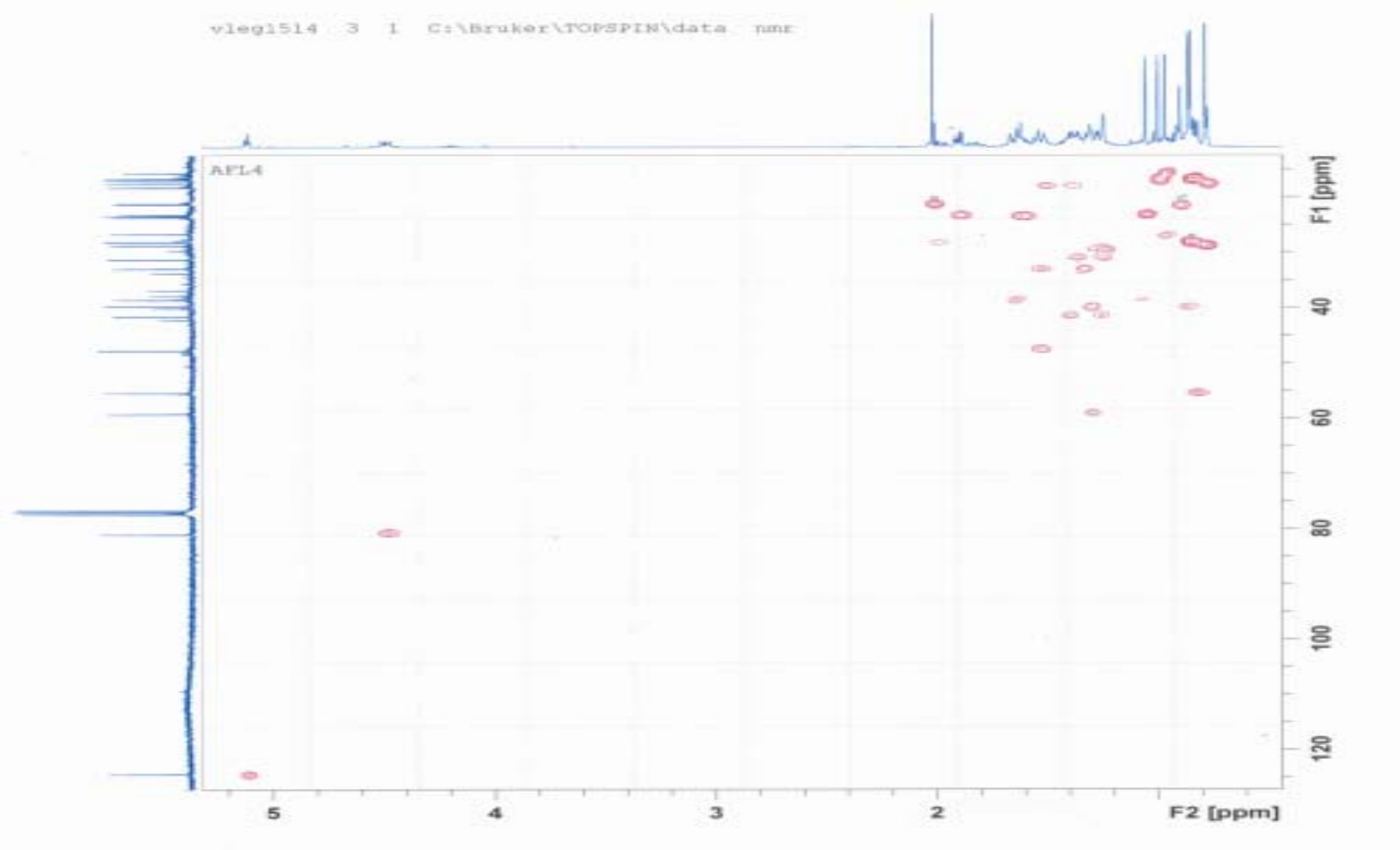

Figure 15: HSQC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

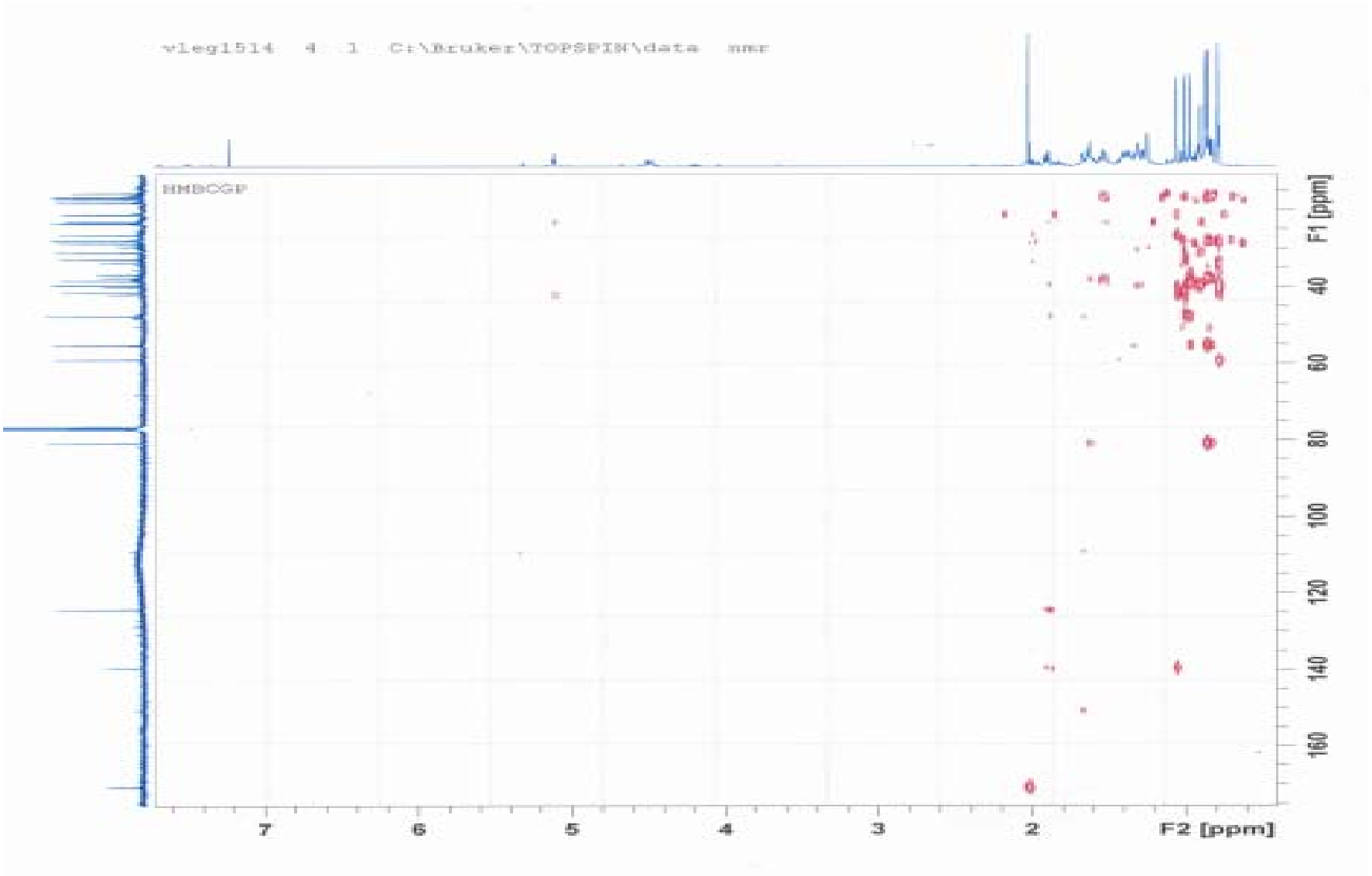

Figure 16: HMBC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL3 or α-amyrin acetate (**3**)

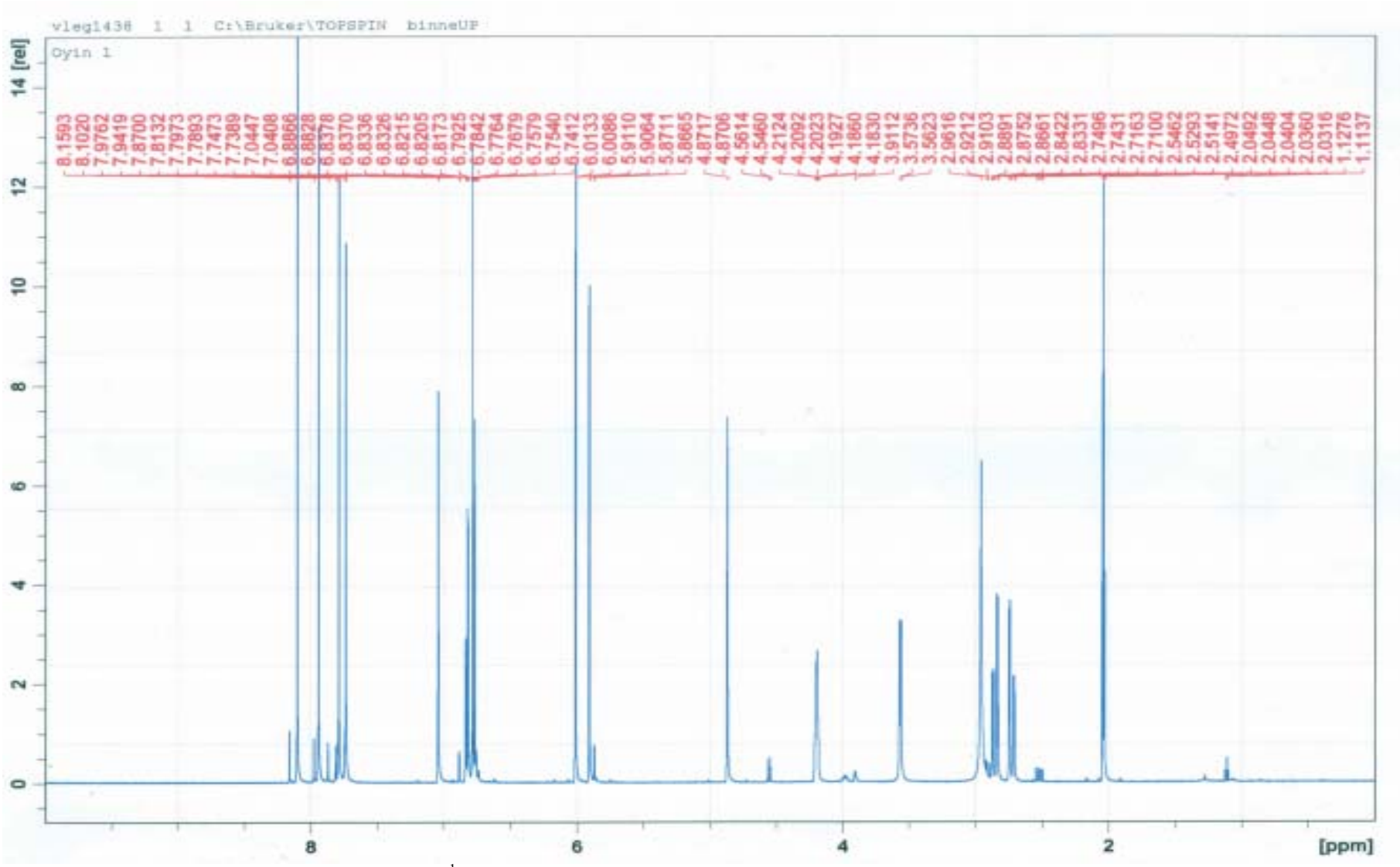

Figure 17: ^{1}H NMR (500 MHz, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

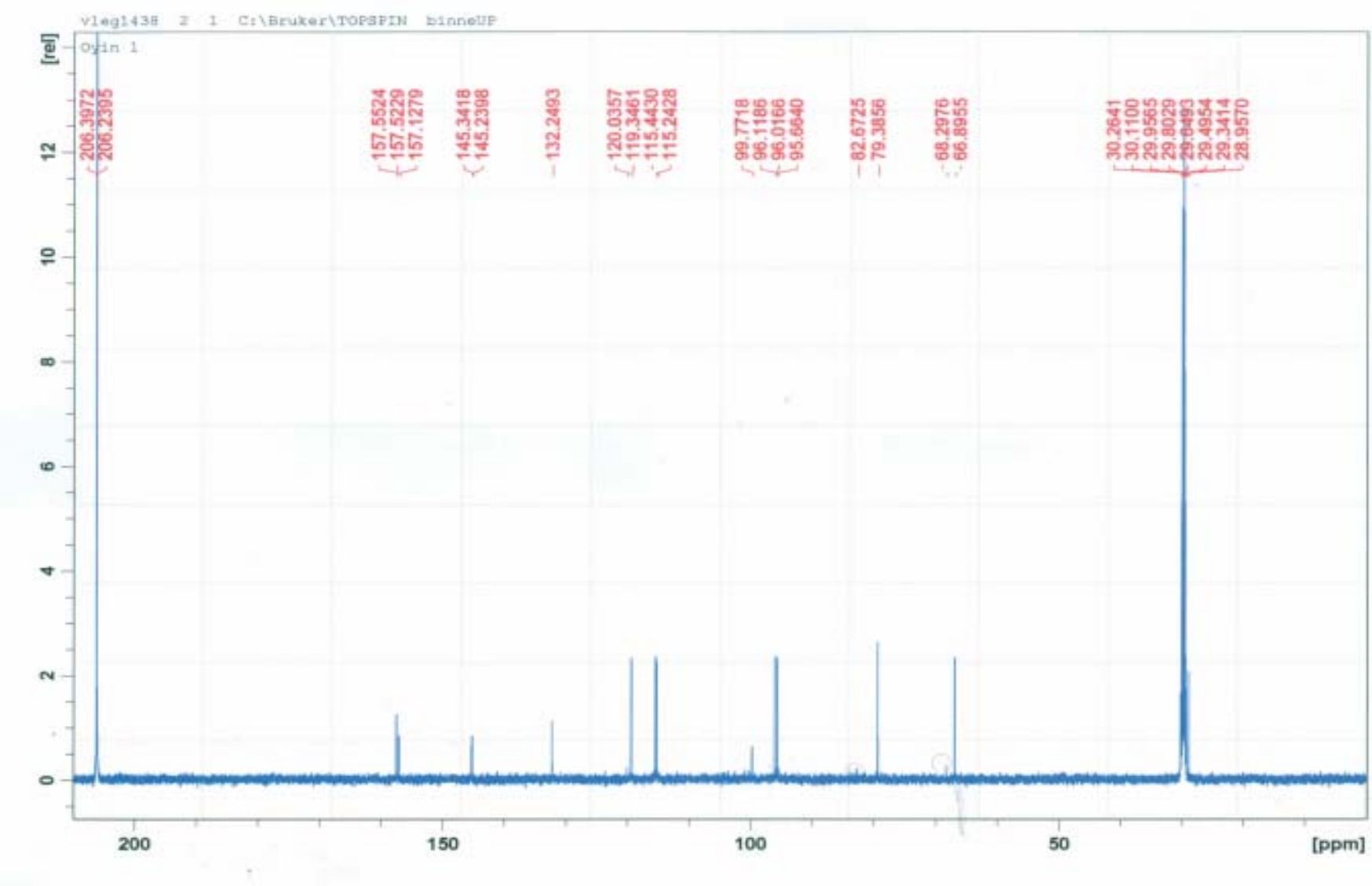

Figure 18: ^{13}C-NMR (125 MHz, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

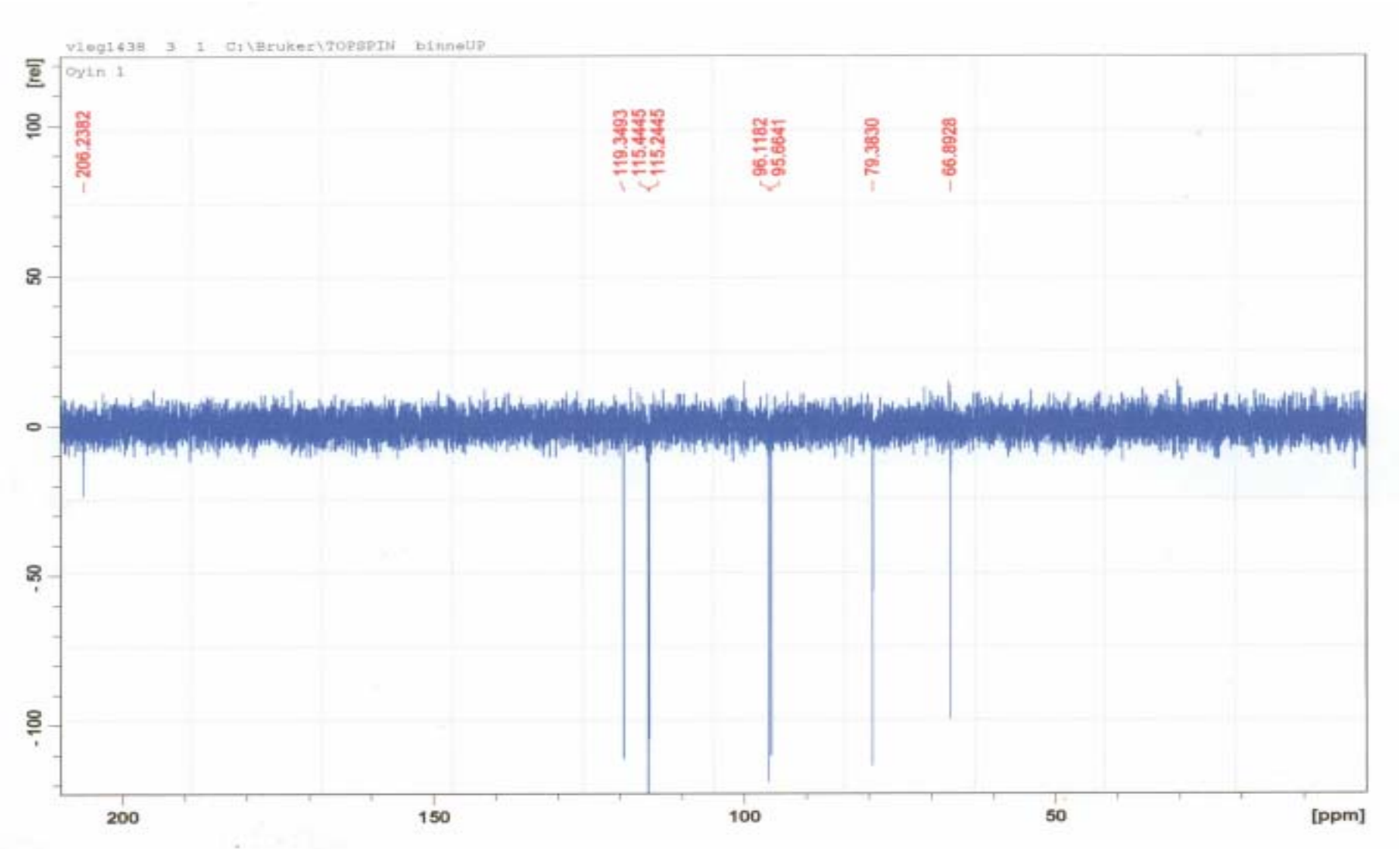

Figure 19: DEPT (125 MHz, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

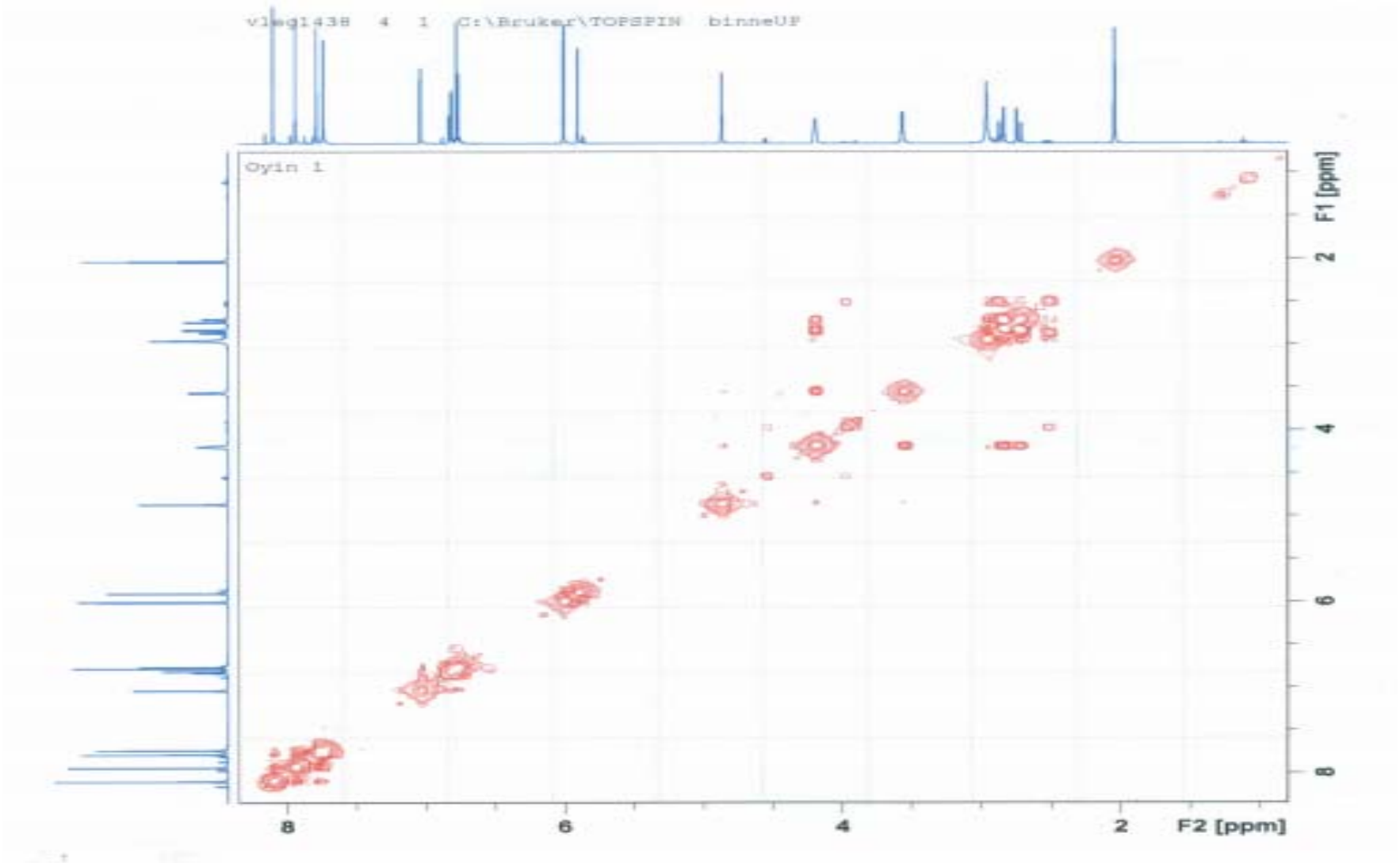

Figure 20: ^{1}H ^{1}H COSY (500 MHz, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

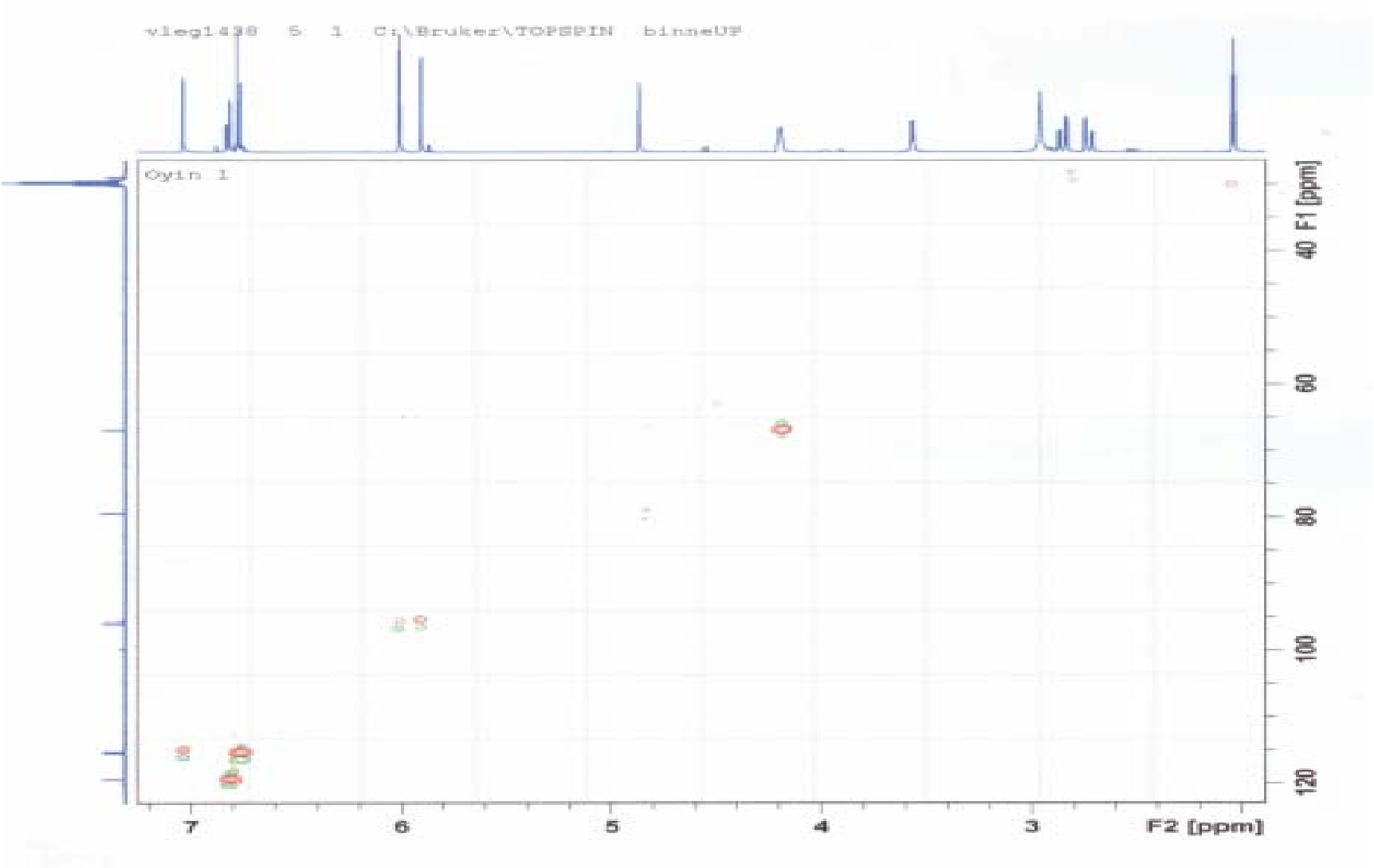

Figure 21: HSQC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

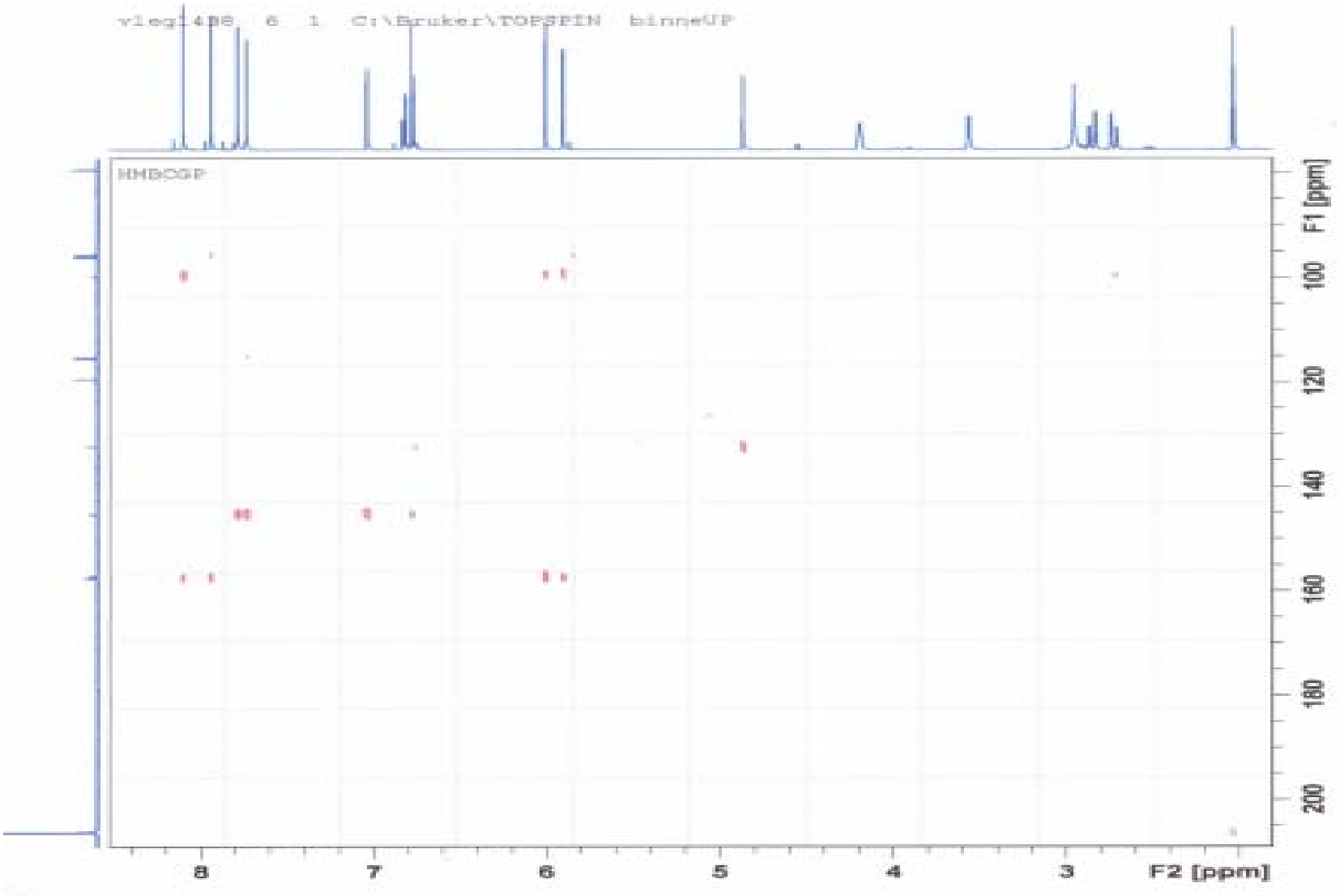

Figure 22: HMBC (500 MHz :^{1}H and 125 MHz : ^{13}C, $CDCl_3$) Spectrum of AFL4 or Epicatechin (**4**)

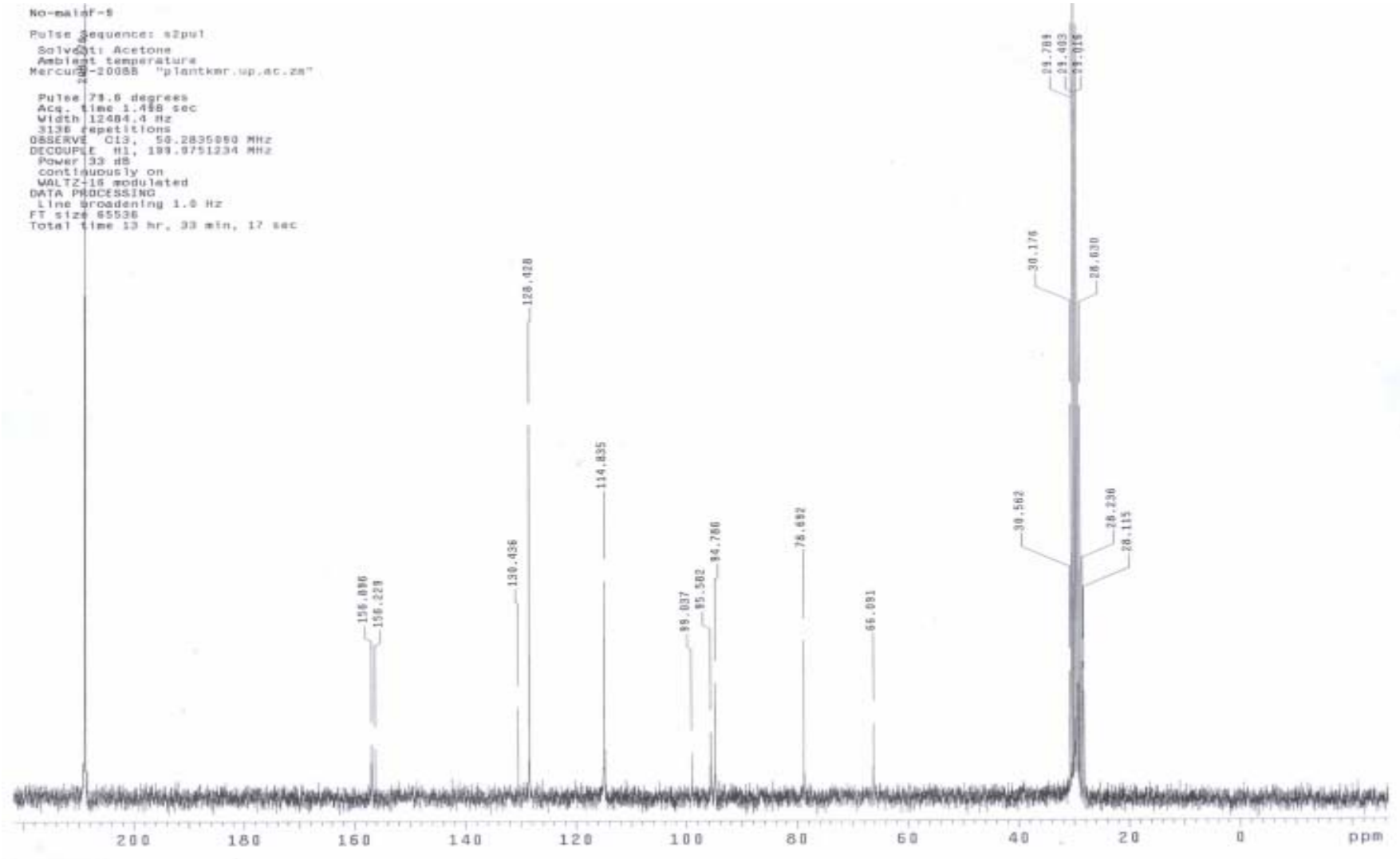

Figure 23: ^{13}C-NMR (125 MHz, $CDCl_3$) Spectrum of AFL5 or Epiafzelechin (**5**)

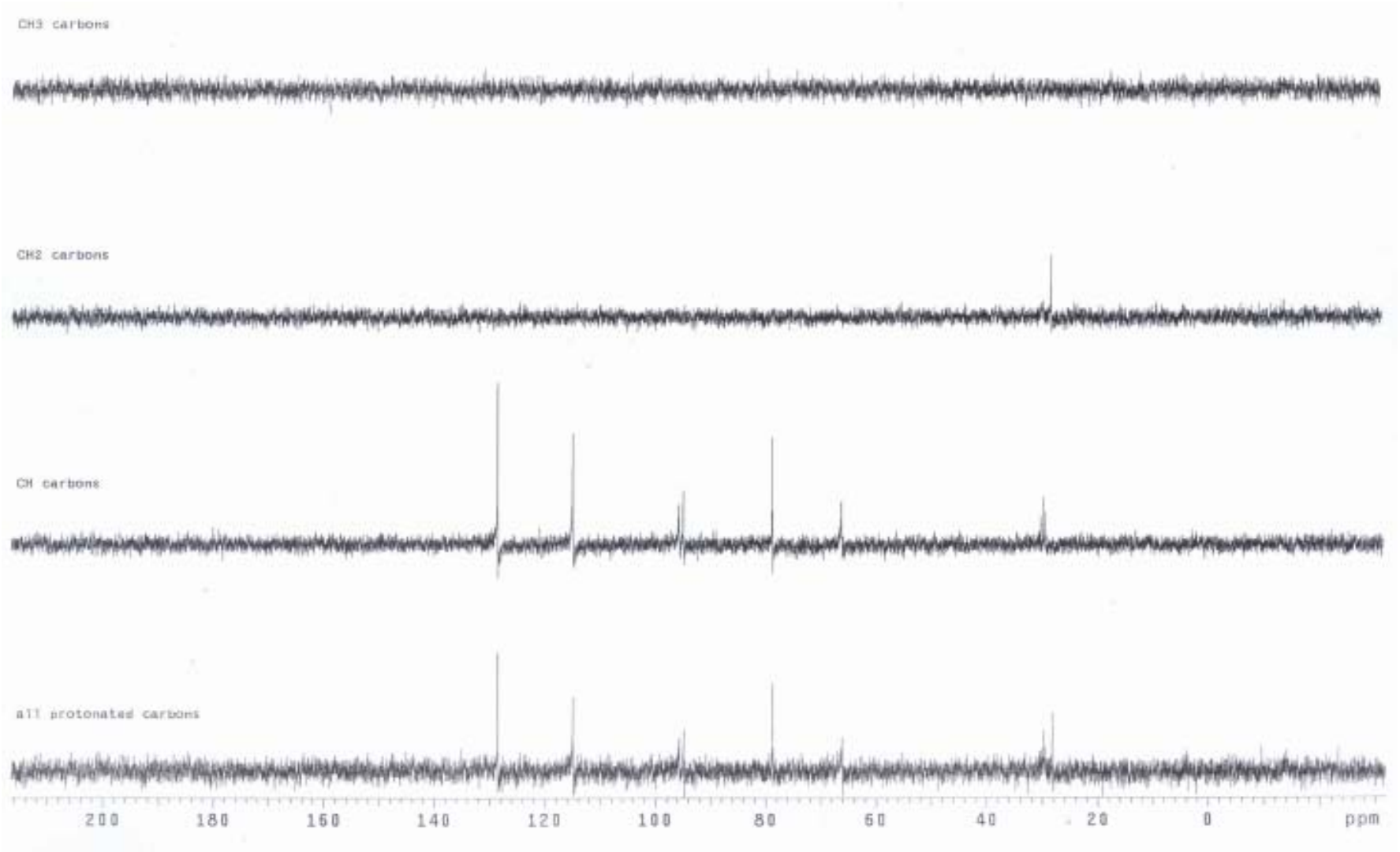

Figure 24: DEPT (125 MHz, $CDCl_3$) Spectrum of AFL5 or Epiafzelechin (**5**)

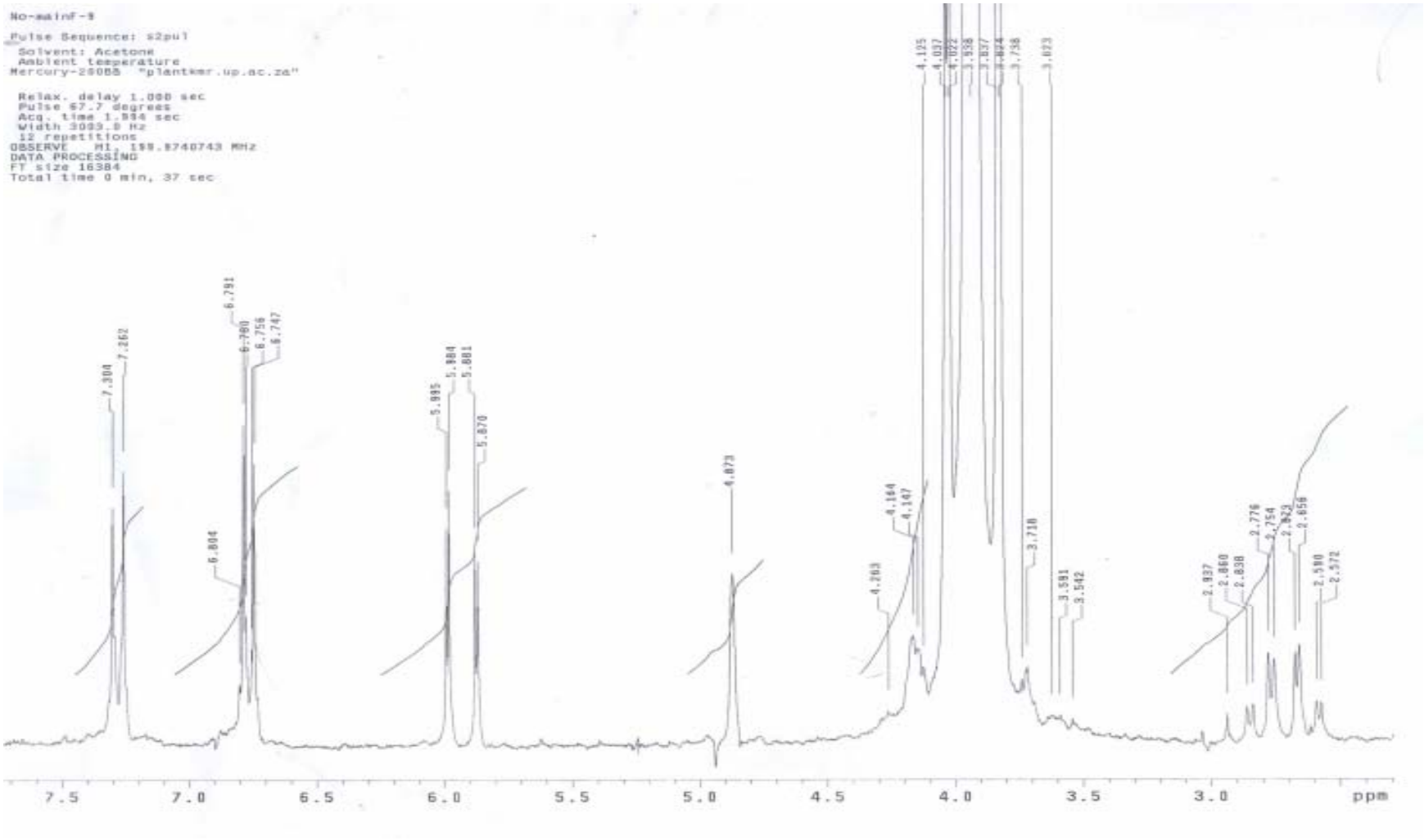

Figure 25: ^{1}H NMR (500 MHz, $CDCl_3$) Spectrum of AFL5 or Epiafzelechin

RE: Permission to use pictures of Ficus species

Wednesday, November 14, 2012 5:17 AM

From:

"Simon Van Noort" <svannoort@iziko.org.za>

To:

"Oyinlola Olaokun" <oyinolaokun@yahoo.com>

Dear Oyinlola

Yes you are welcome to use the images in your PhD thesis with appropriate acknowledgment: Images copyright Simon van Noort (Iziko Museums of South Africa).

Note that Ficus thonningii does not occur in South Africa. The species previously known as F. thonningii in South Africa is now split into F. burkei and F. petersii. Ficus thonningii in the strict sense probably only occurs further north in tropical Africa (See Burrows & Burrows 2003)

Kind regards

Simon

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