Supplemental Information for:

Phenolic Metabolites of *Dalea ornata* Affect both Survival and Motility of the Human Pathogenic Hookworm *Ancylostoma ceylanicum*

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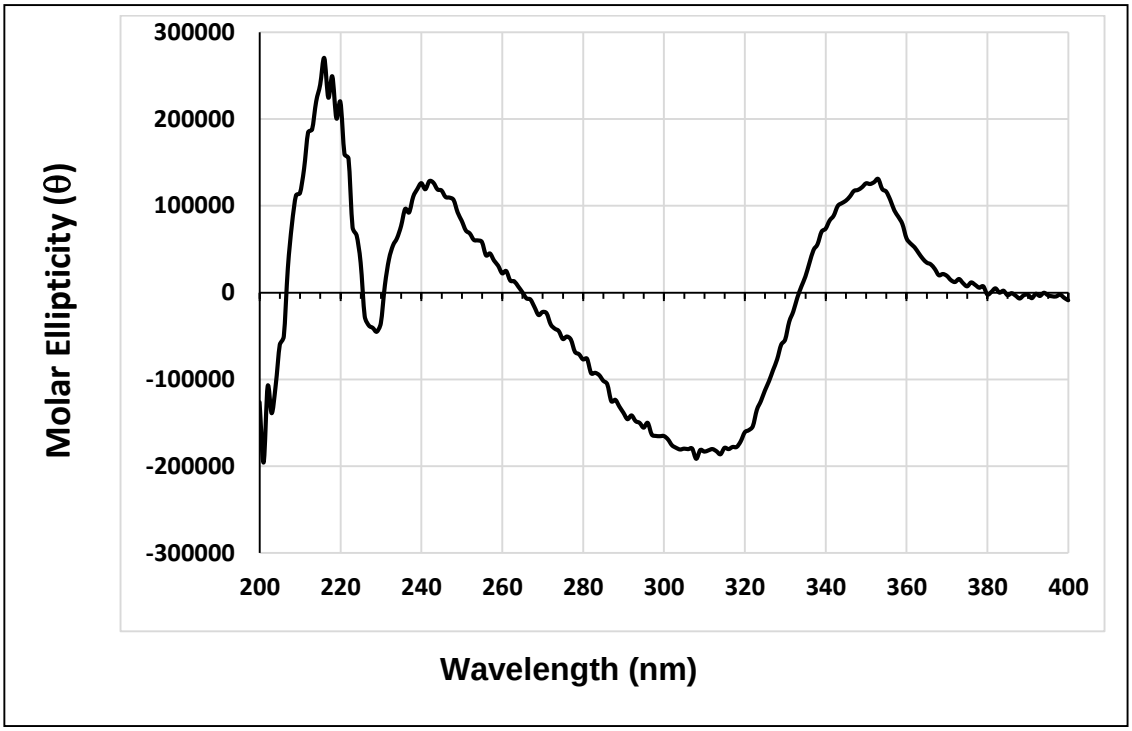

Figure S1. Experimental ECD spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**).

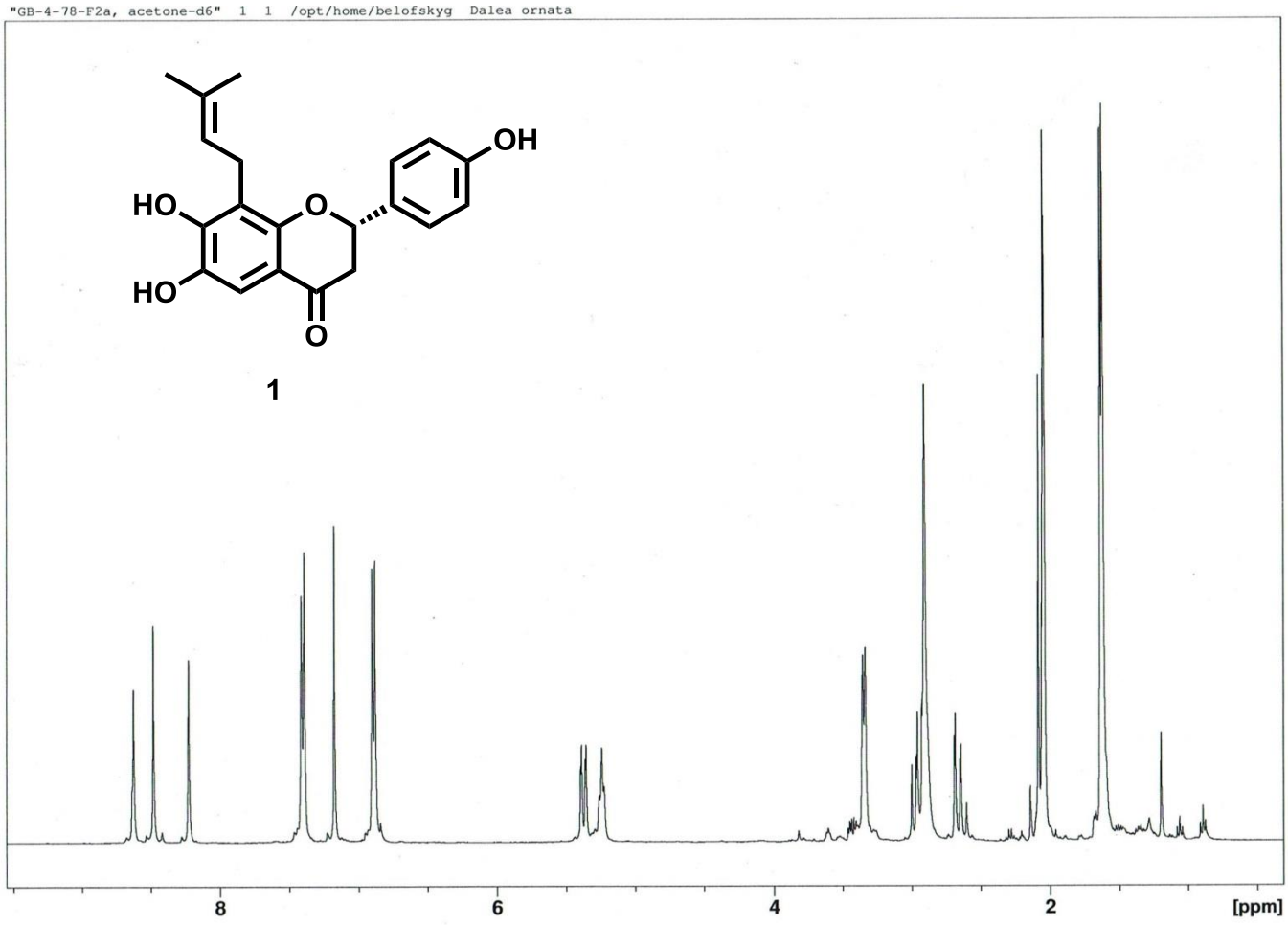

Figure S2. ^{1}H NMR spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**) (400 MHz; acetone-d_6).

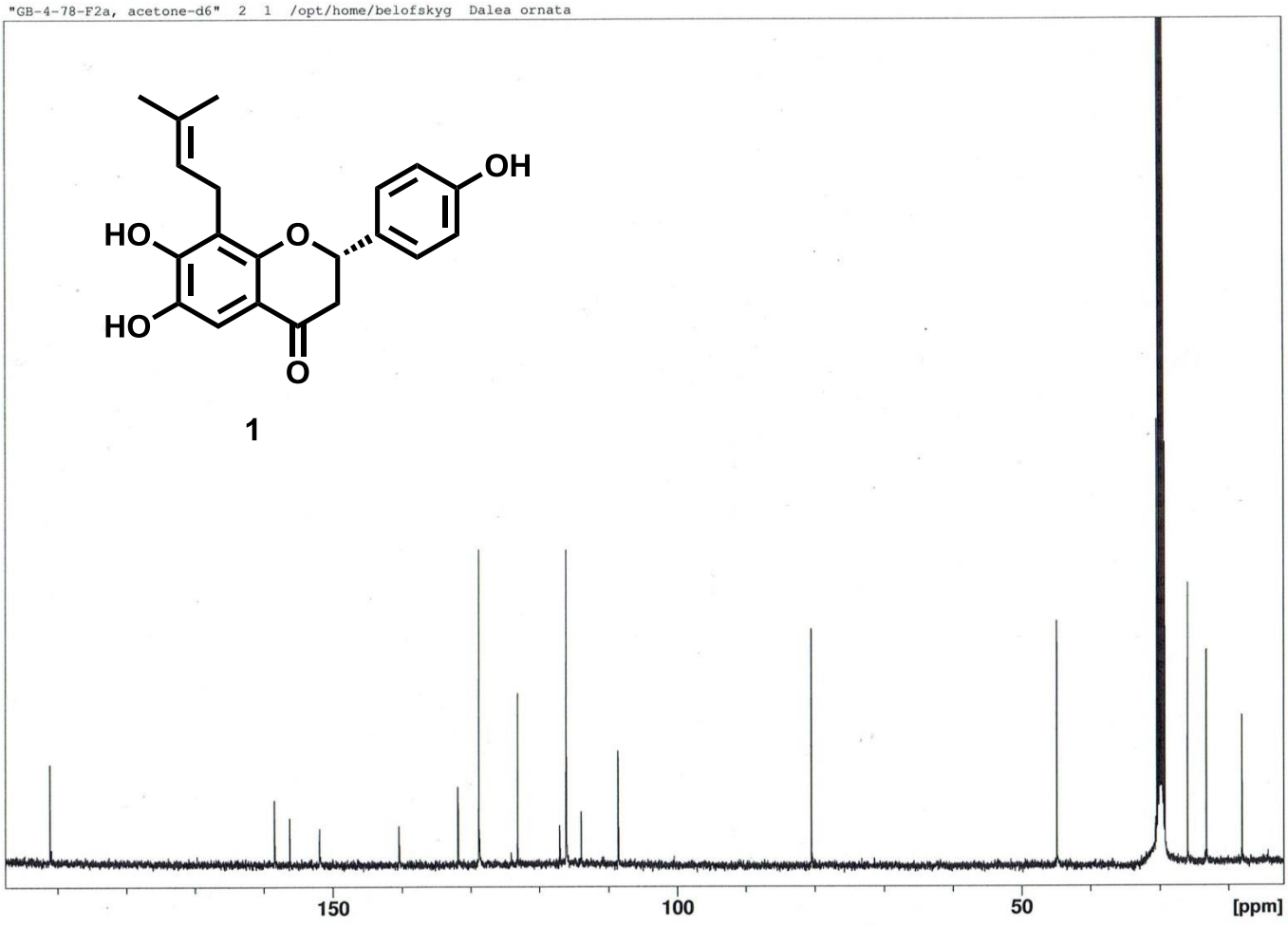

Figure S3. ^{13}C NMR spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**) (100 MHz; acetone-d_6).

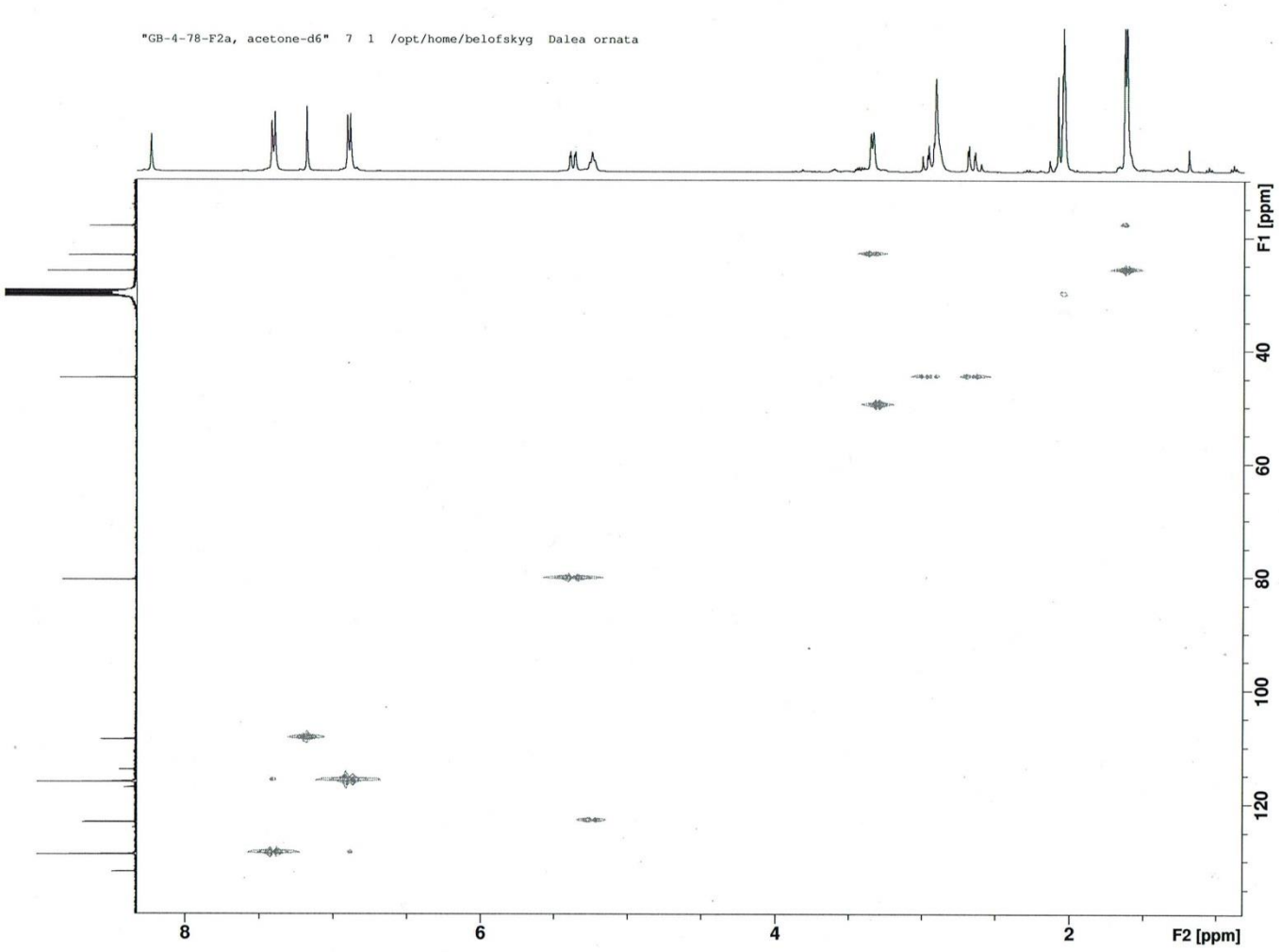

Figure S4. HSQC spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**) (400 MHz; acetone-d_6).

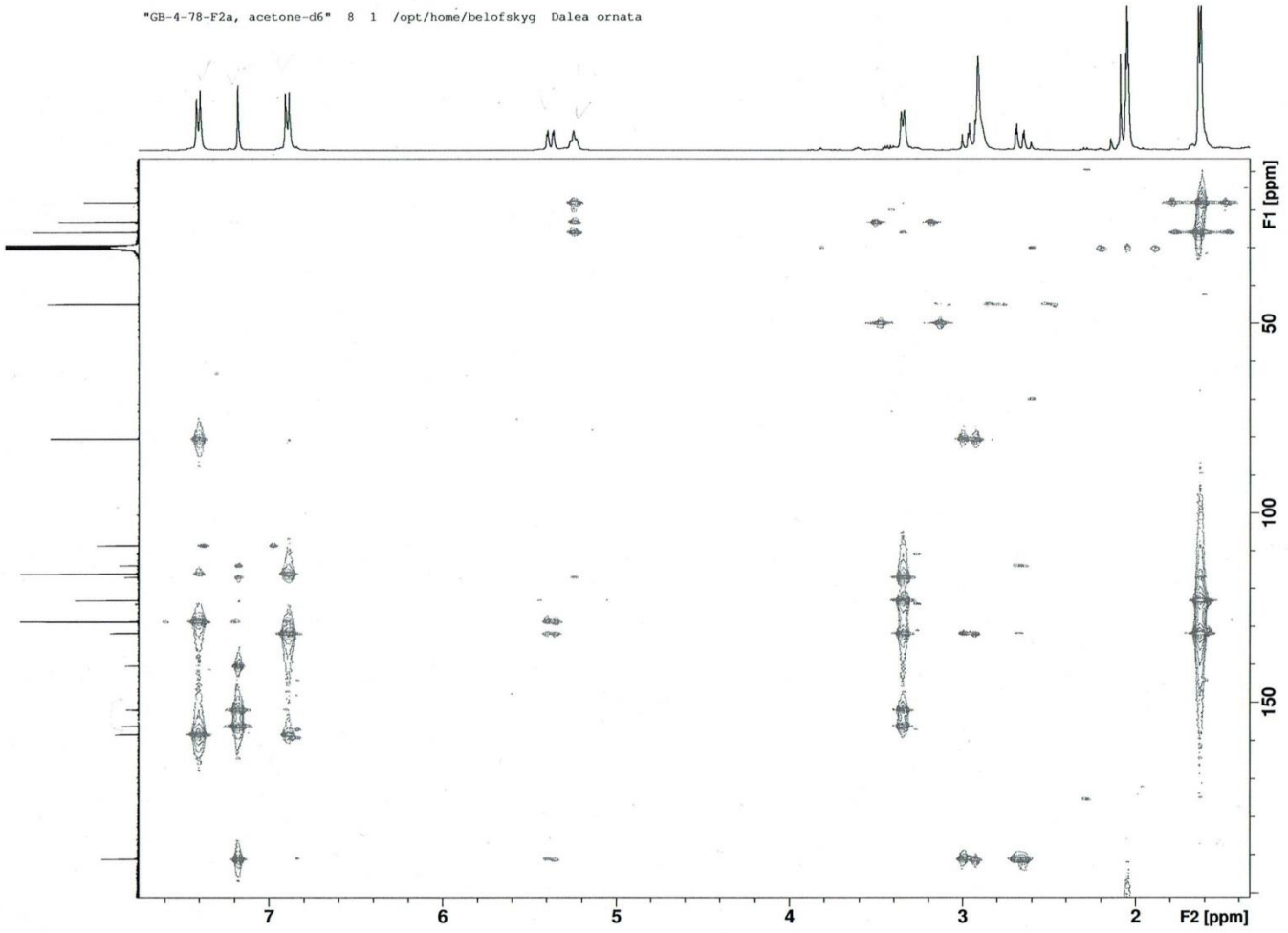

Figure S5. HMBC spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**) (400 MHz; acetone-d_6).

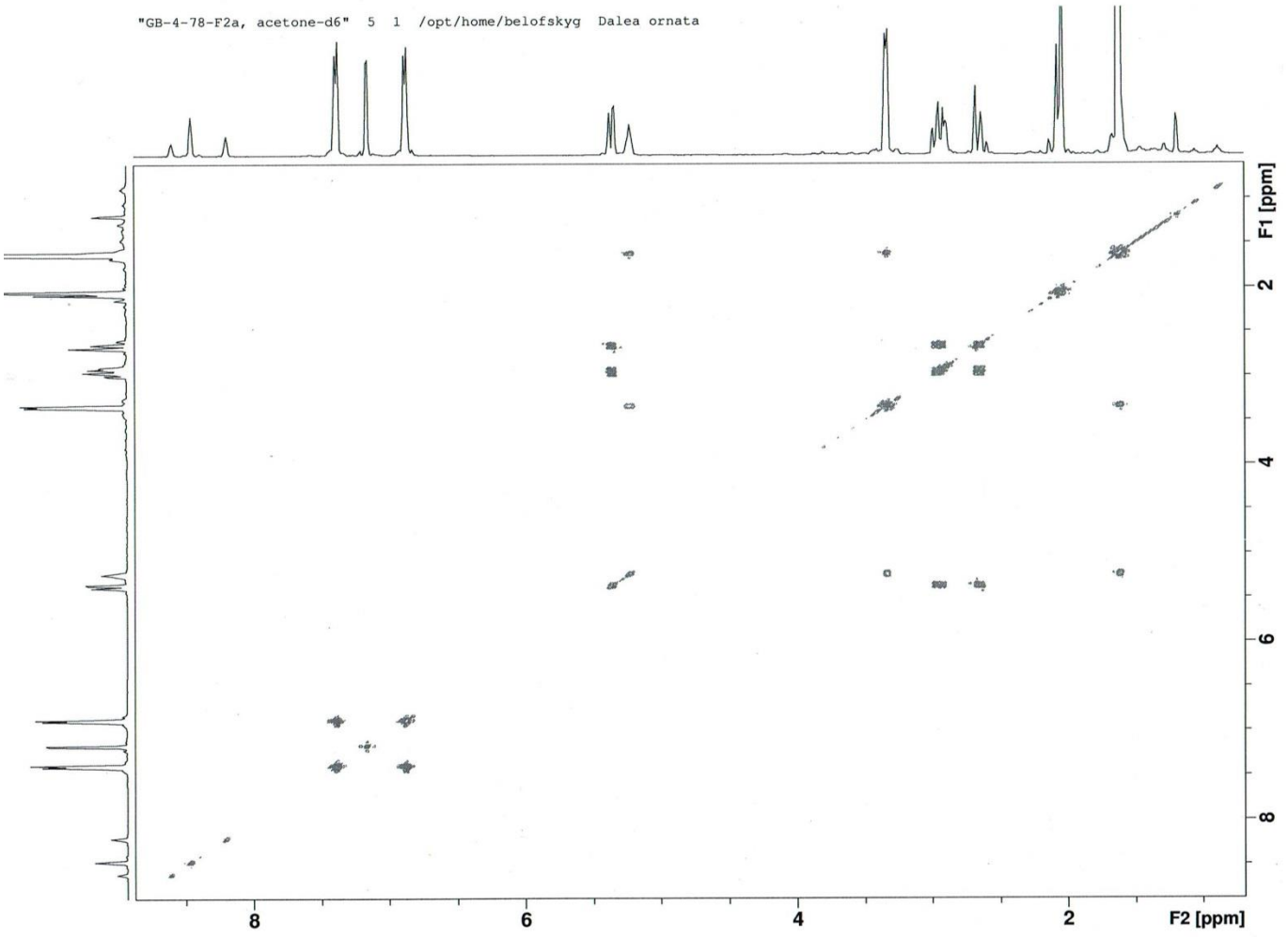

Figure S6. COSY spectrum of 2(*S*)-8-(3-methylbut-2-en-1-yl)-6,7,4′-trihydroxyflavanone (**1**) (400 MHz; acetone-d_6).

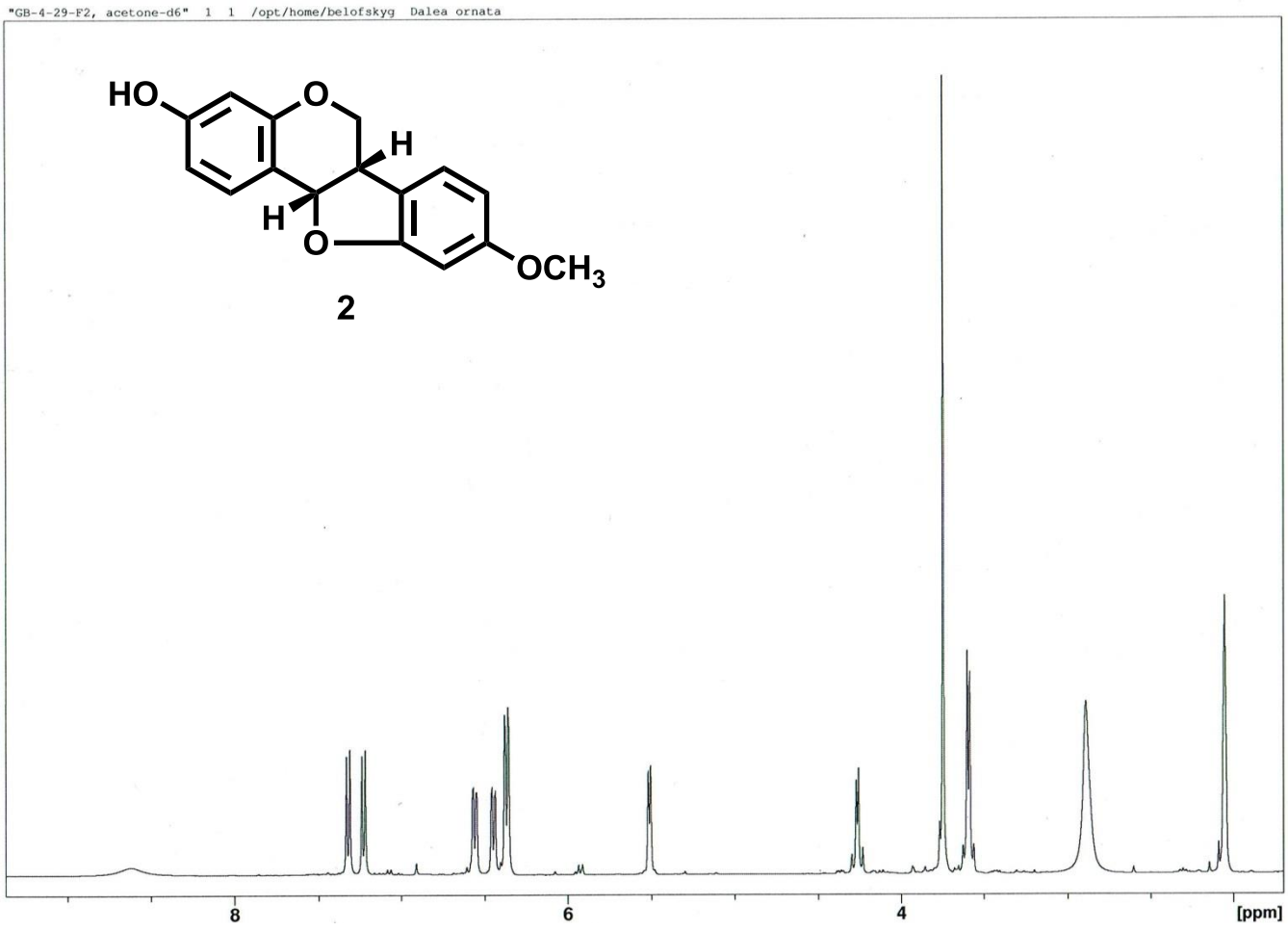

Figure S7. ^{1}H NMR spectrum of (+)-medicarpin (**2**) (400 MHz; acetone-d_6).

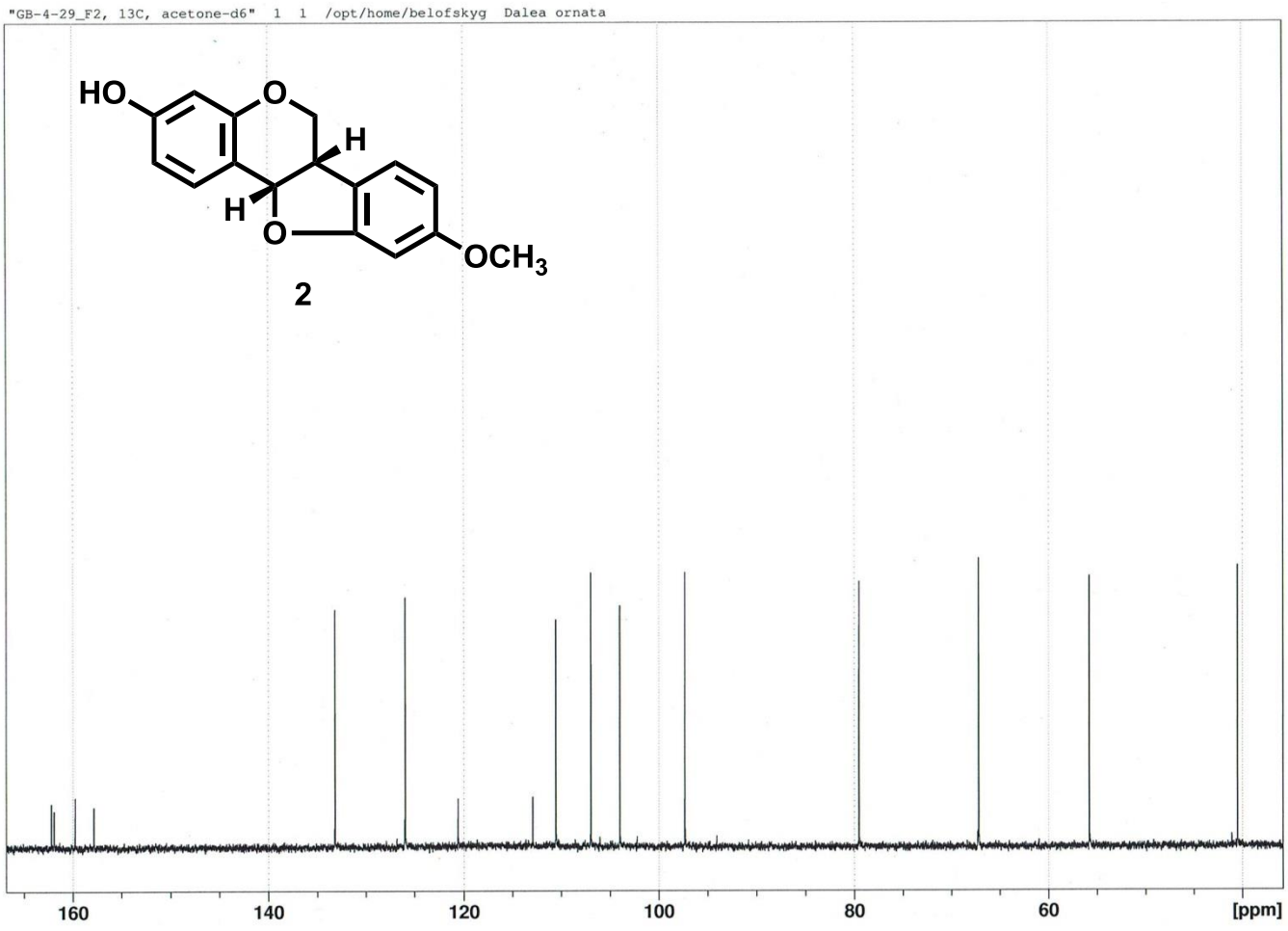

Figure S8. ^{13}C NMR spectrum of (+)-medicarpin (**2**) (100 MHz; acetone-d_6).

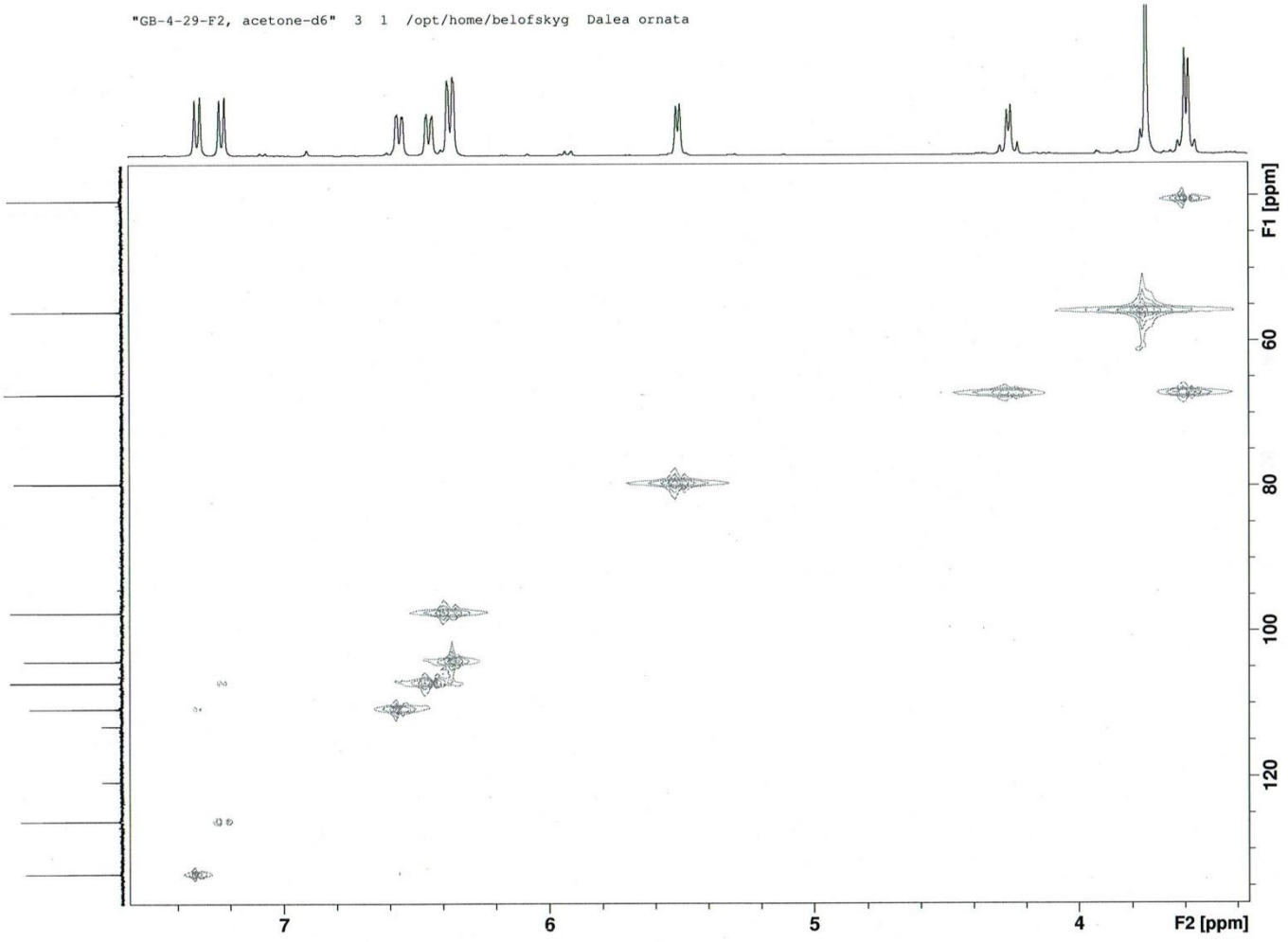

Figure S9. HSQC spectrum of (+)-medicarpin (**2**) (400 MHz; acetone-d_6).

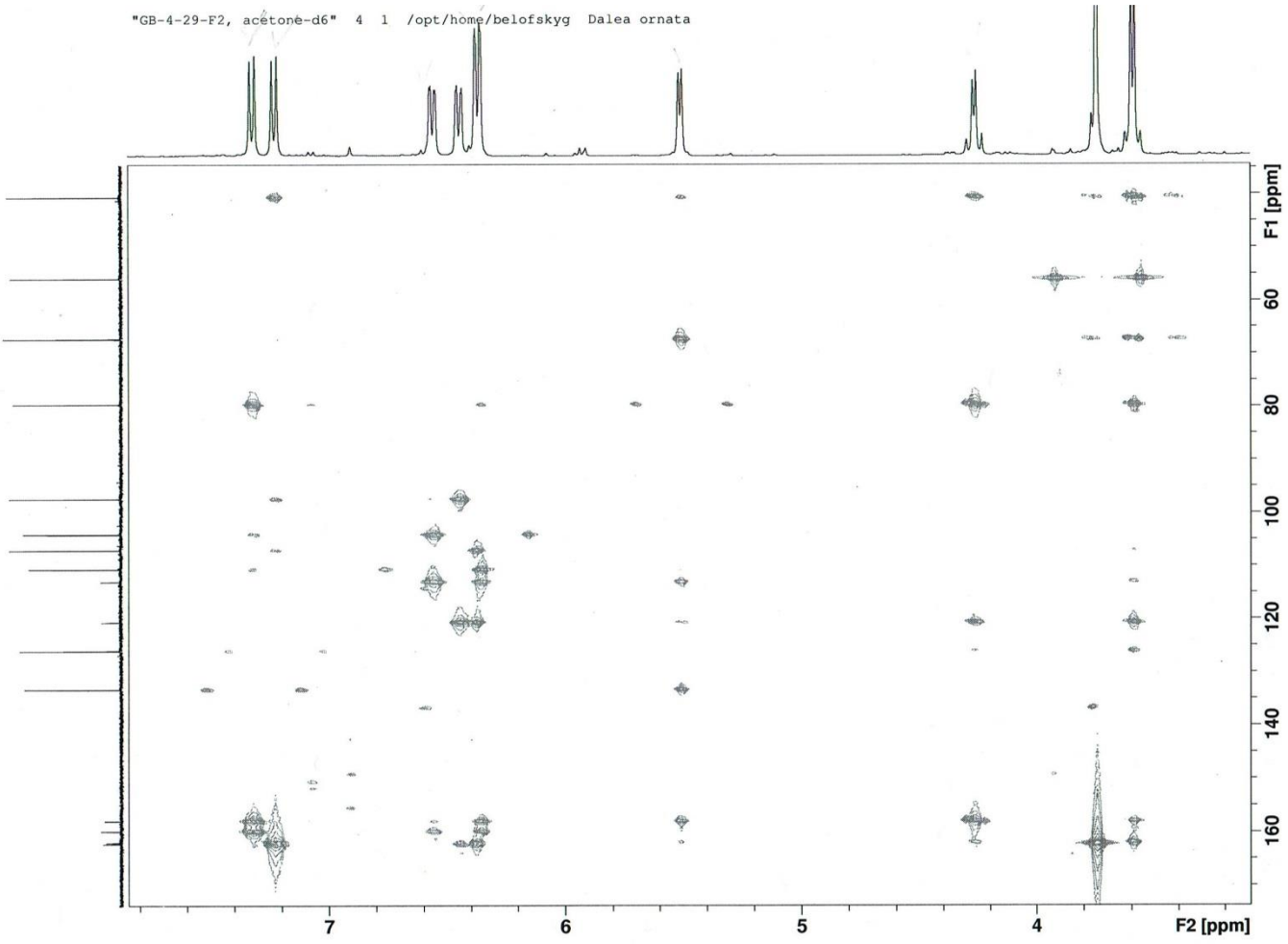

Figure S10. HMBC spectrum of (+)-medicarpin (**2**) (400 MHz; acetone-d_6).

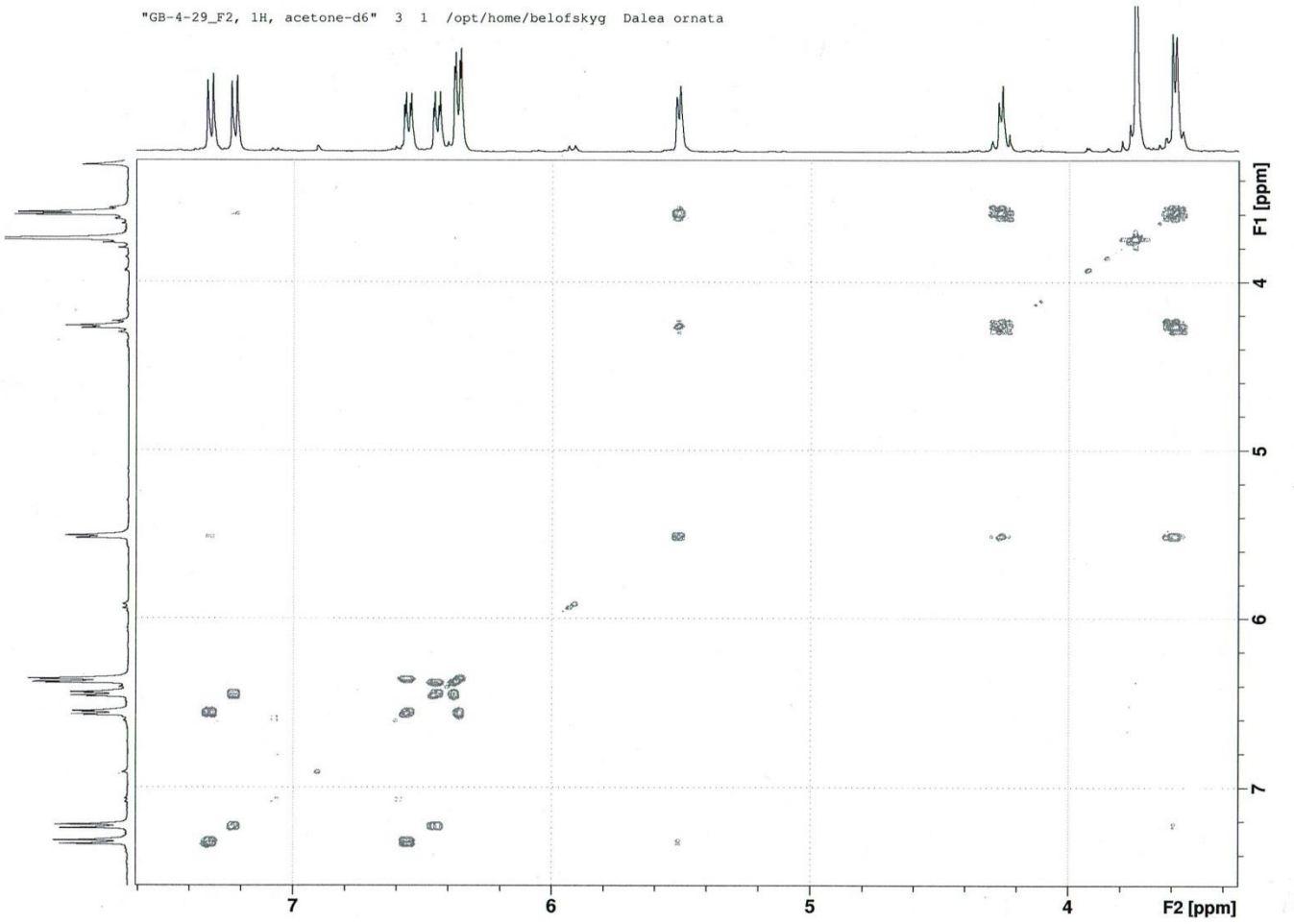

Figure S11. COSY spectrum of (+)-medicarpin (**2**) (400 MHz; acetone-d_6).

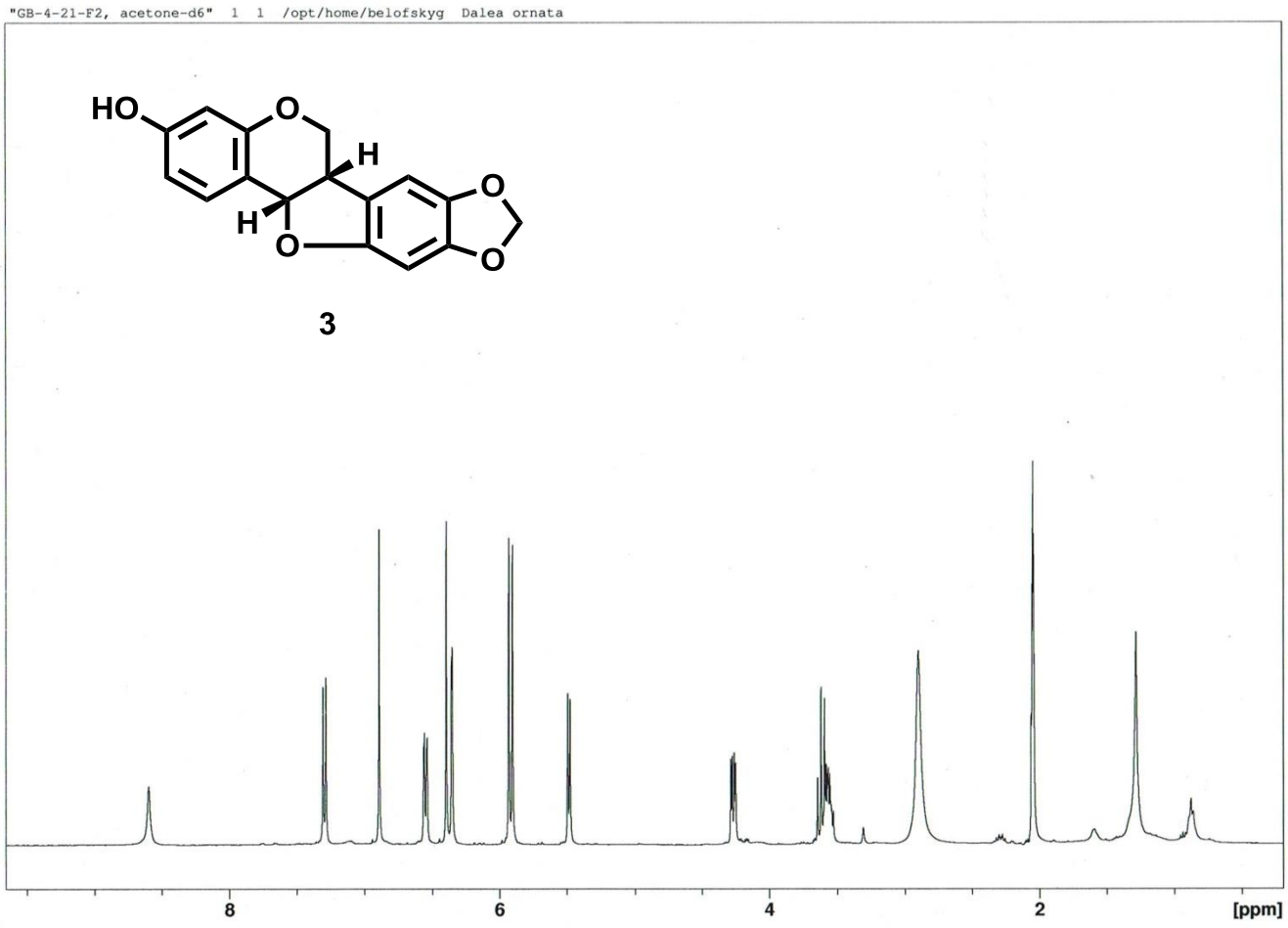

Figure S12. ^{1}H NMR spectrum of (+)-maackiain (**3**) (400 MHz; acetone-d_6).

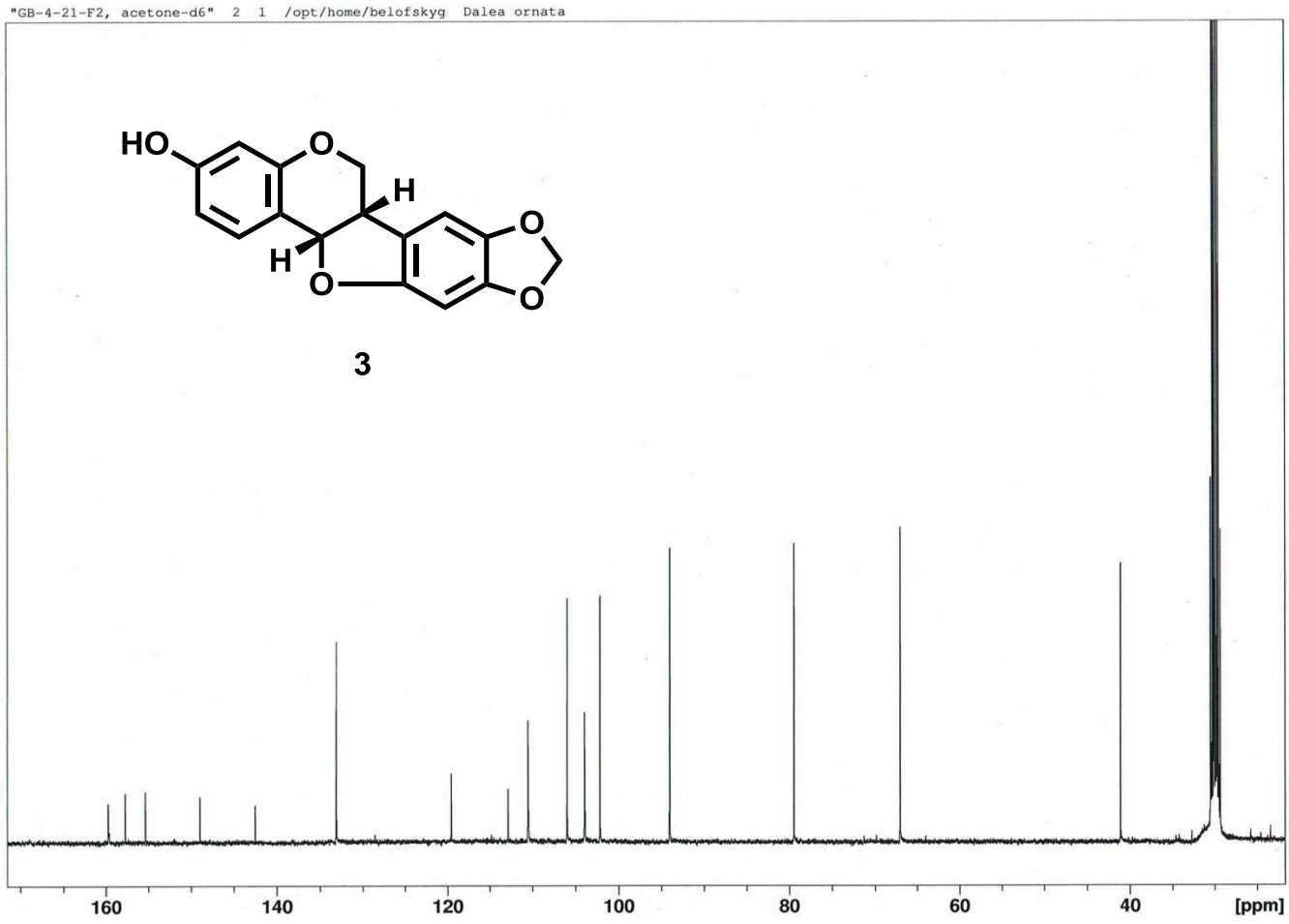

Figure S13. ^{13}C NMR spectrum of (+)-maackiain (**3**) (100 MHz; acetone-d_6).

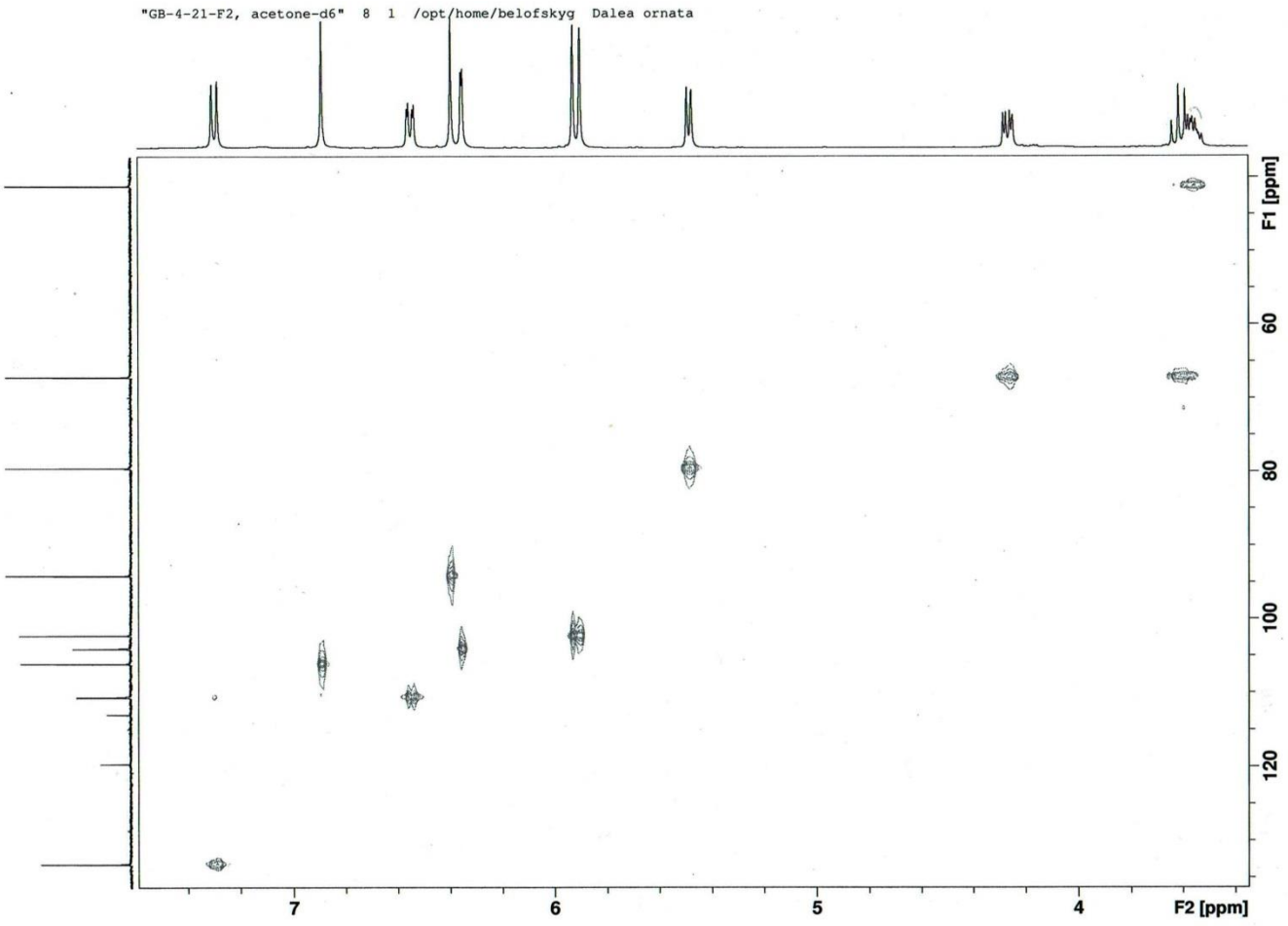

Figure S14. HSQC spectrum of (+)-maackiain (**3**) (400 MHz; acetone-d_6).

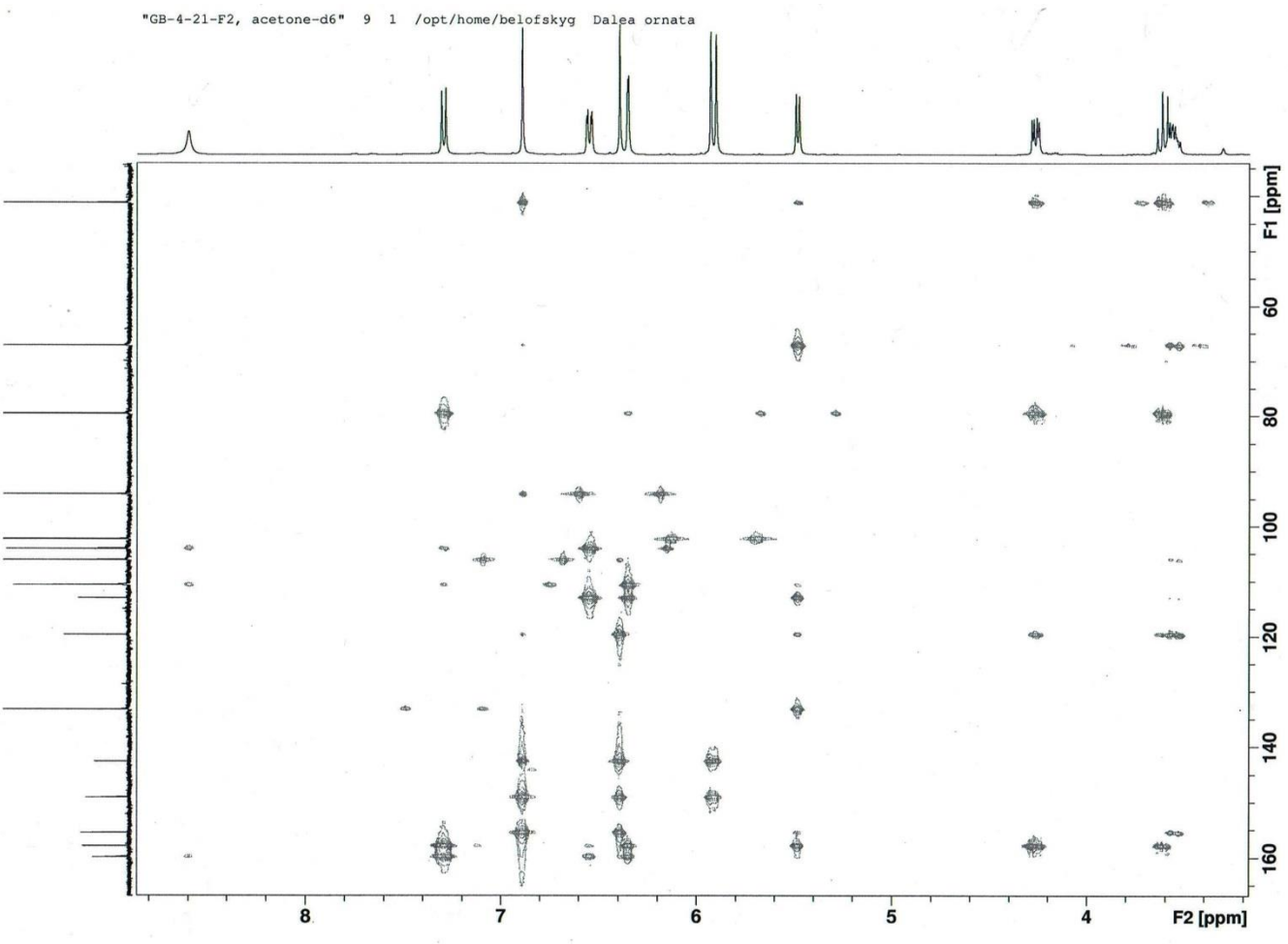

Figure S15. HMBC spectrum of (+)-maackiain (**3**) (400 MHz; acetone-d_6).

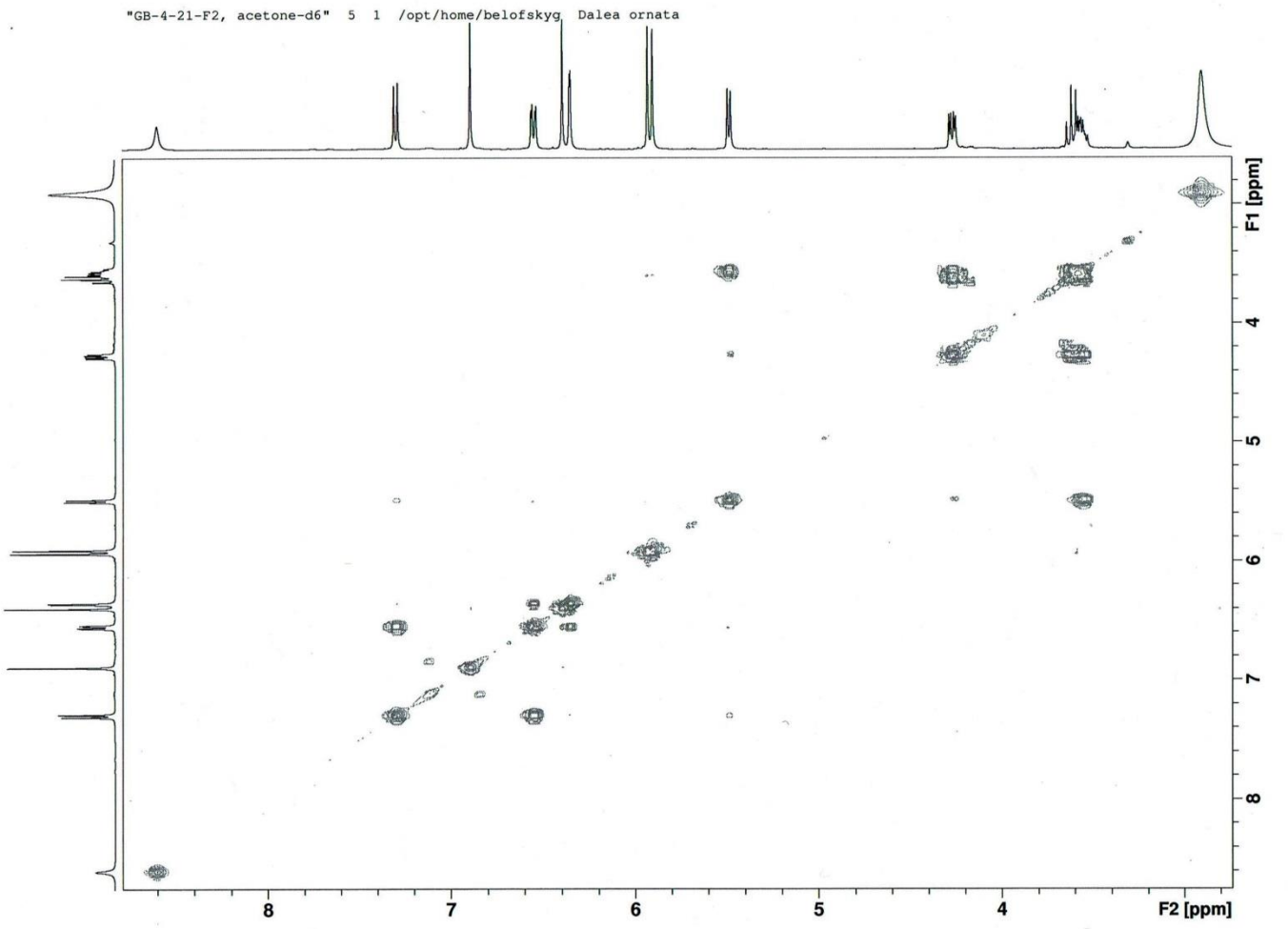

Figure S16. COSY spectrum of (+)-maackiain (**3**) (400 MHz; acetone-d_6).

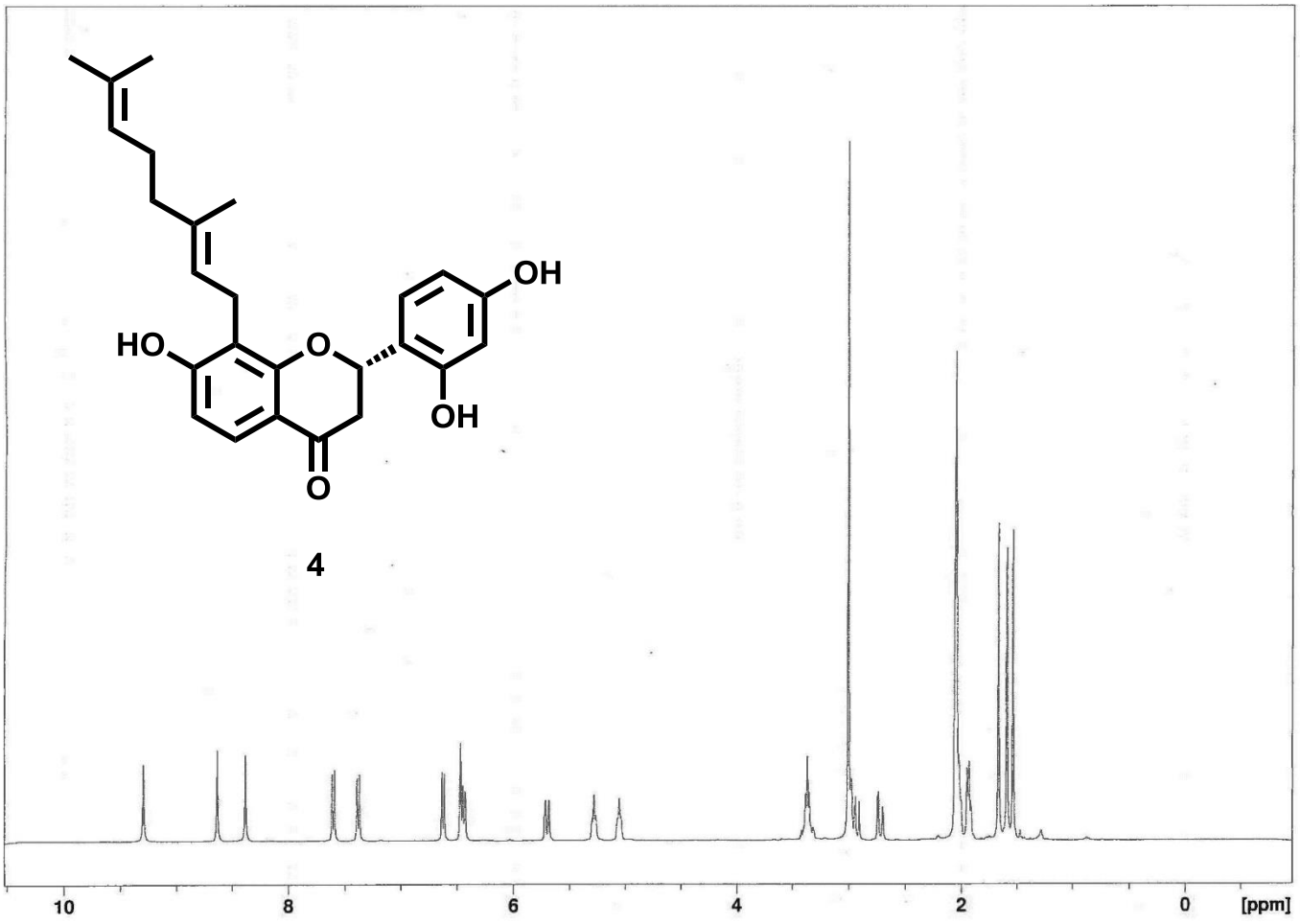

Figure S17. ^{1}H NMR spectrum of (-)-malheuran A (**4**) (400 MHz; acetone-d_6).

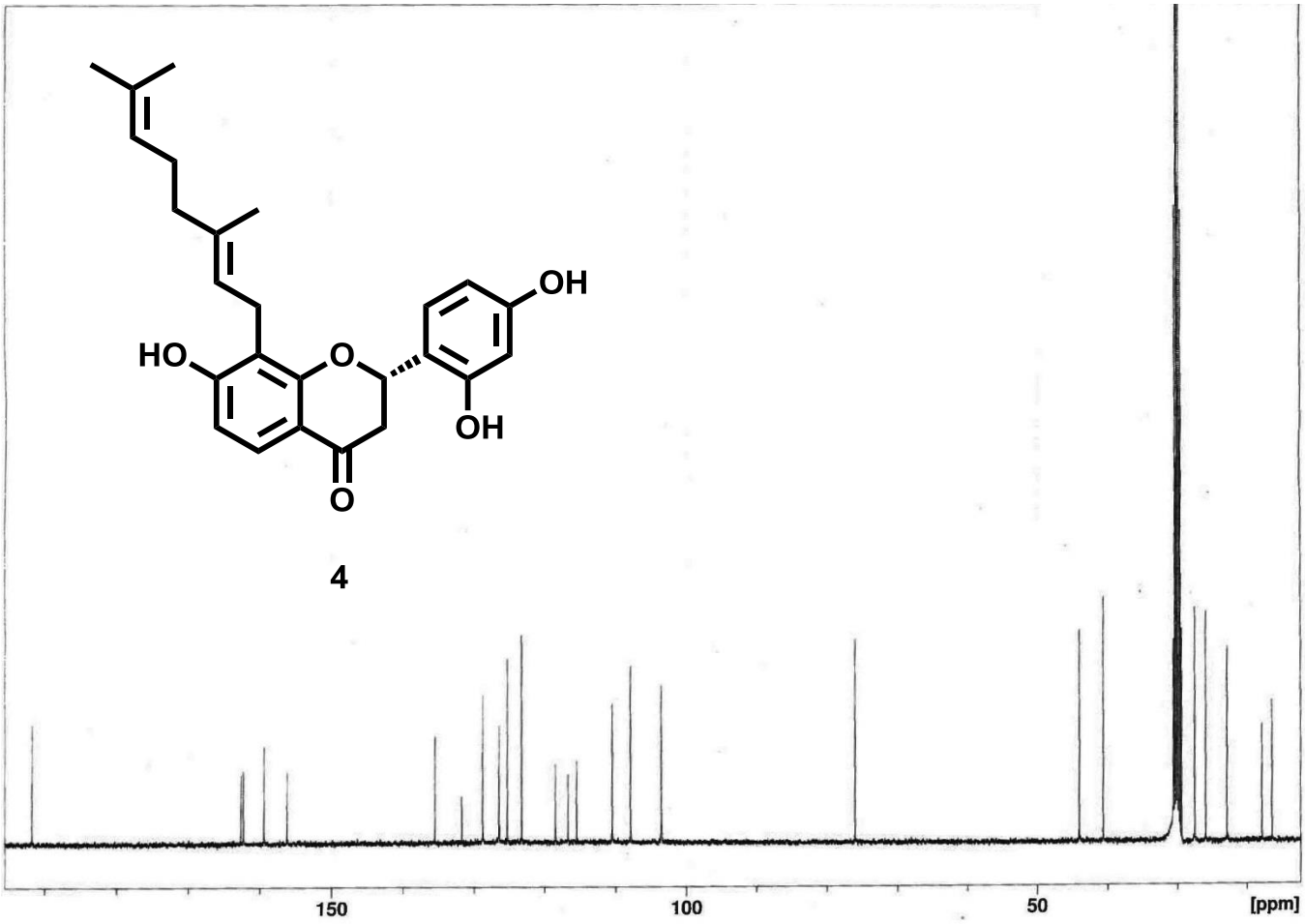

Figure S18. ^{13}C NMR spectrum of (-)-malheuran A (**4**) (100 MHz; acetone-d_6).

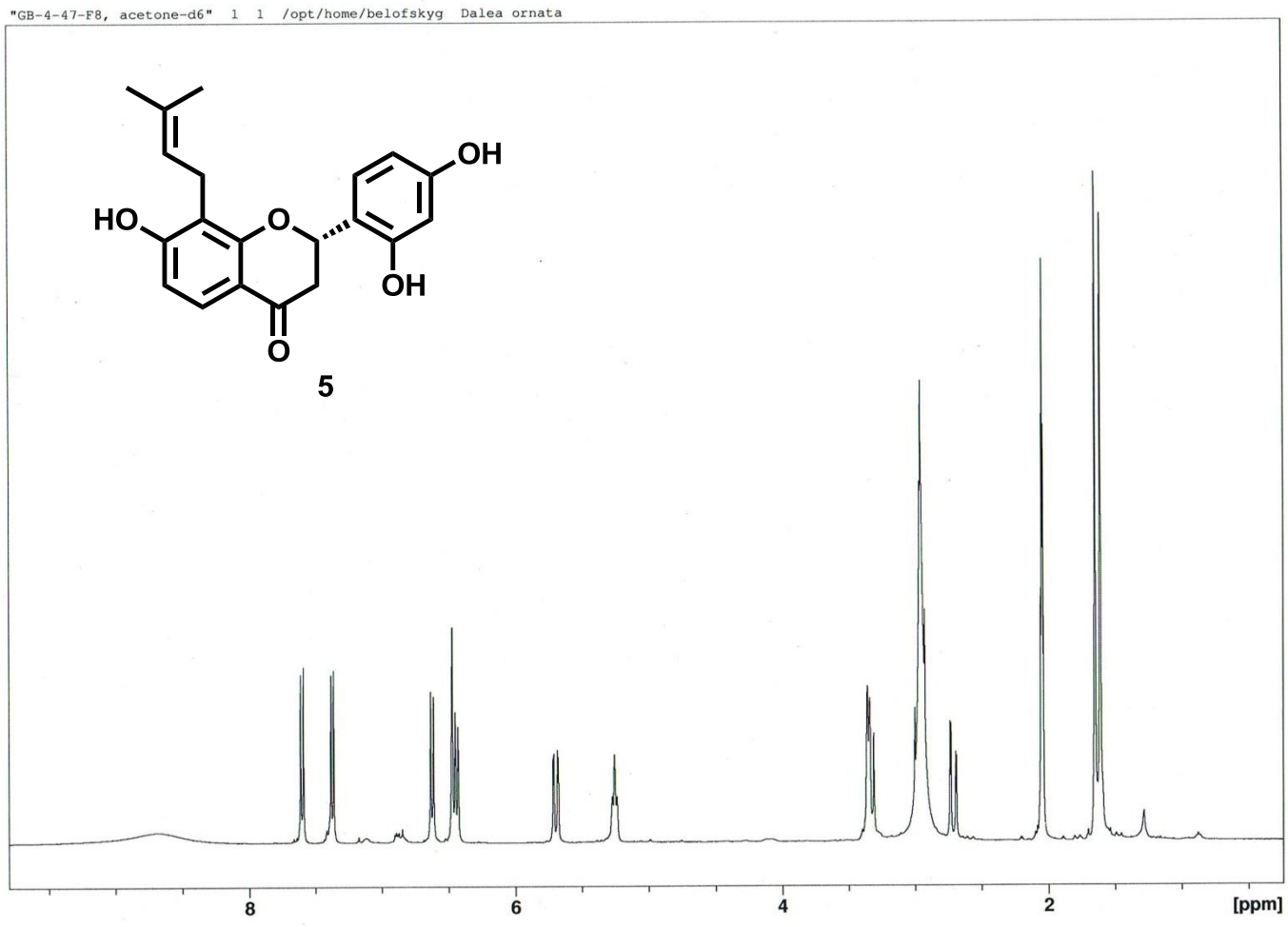

Figure S19. ^{1}H NMR spectrum of (-)-euchrenone a$_7$ (**5**) (400 MHz; acetone-d_6).

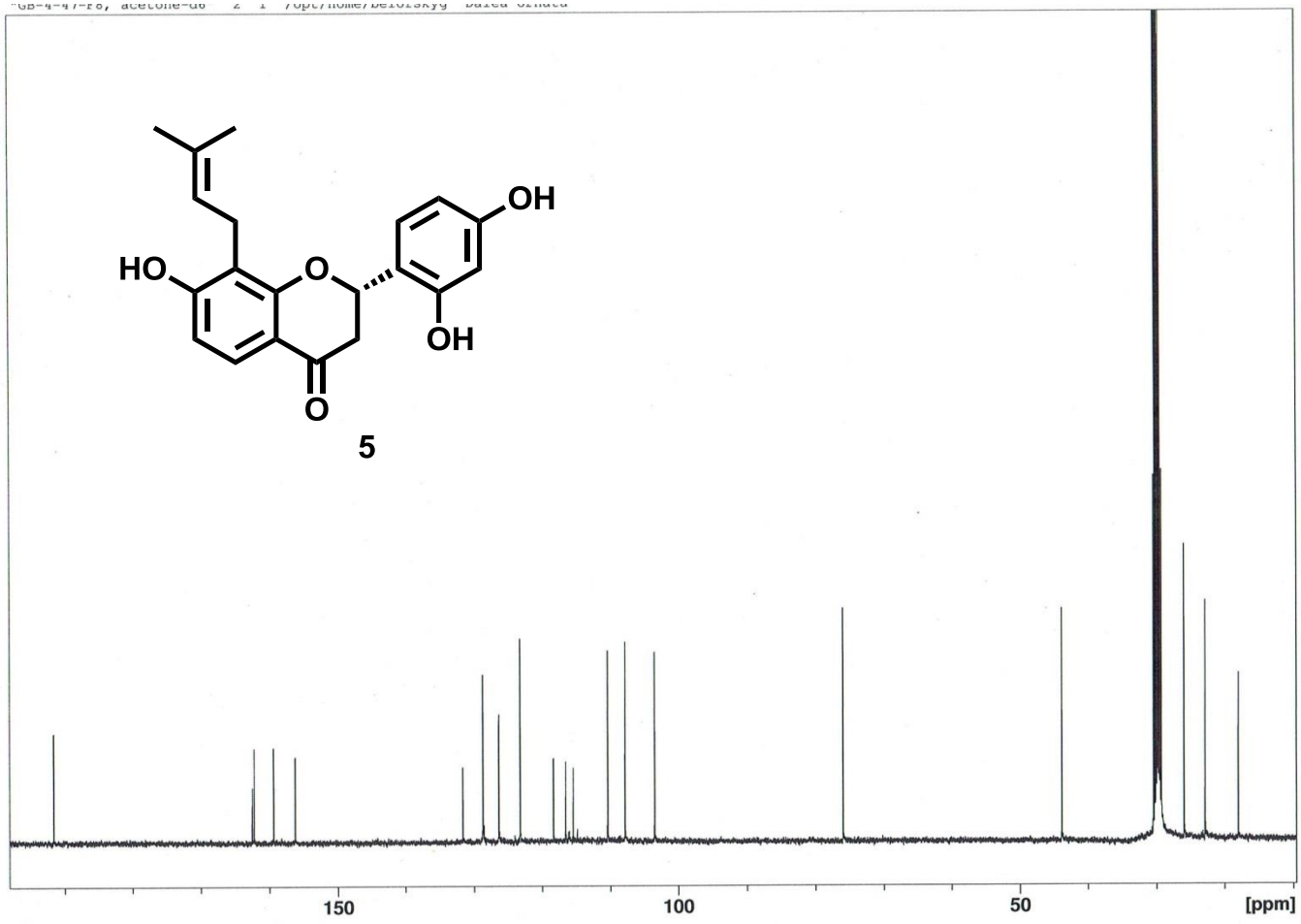

Figure S20. ^{13}C NMR spectrum of (-)-euchrenone a$_7$ (**5**) (100 MHz; acetone-d_6).

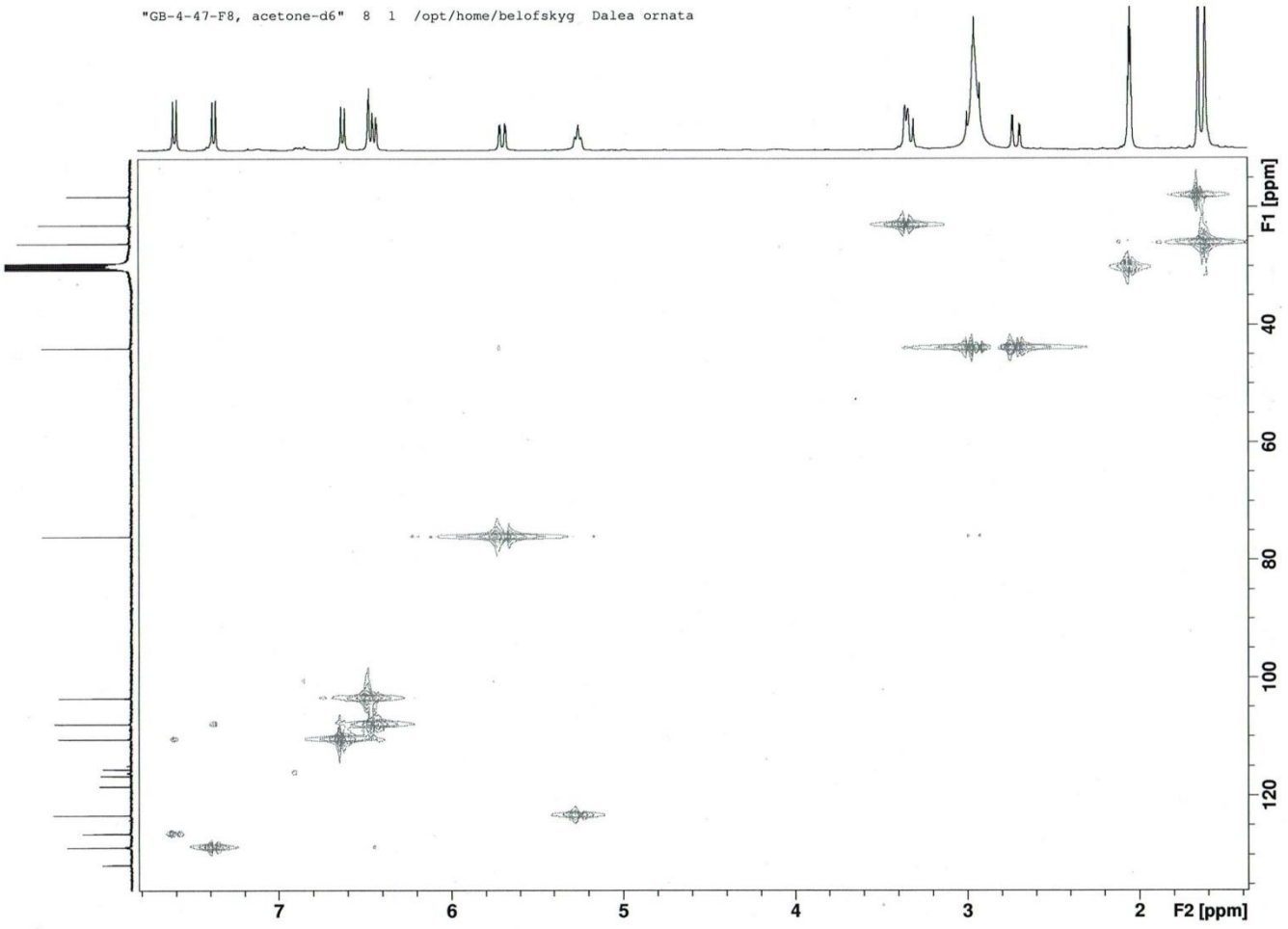

Figure S21. HSQC spectrum of (-)-euchrenone a_7 (**5**) (400 MHz; acetone-d_6).

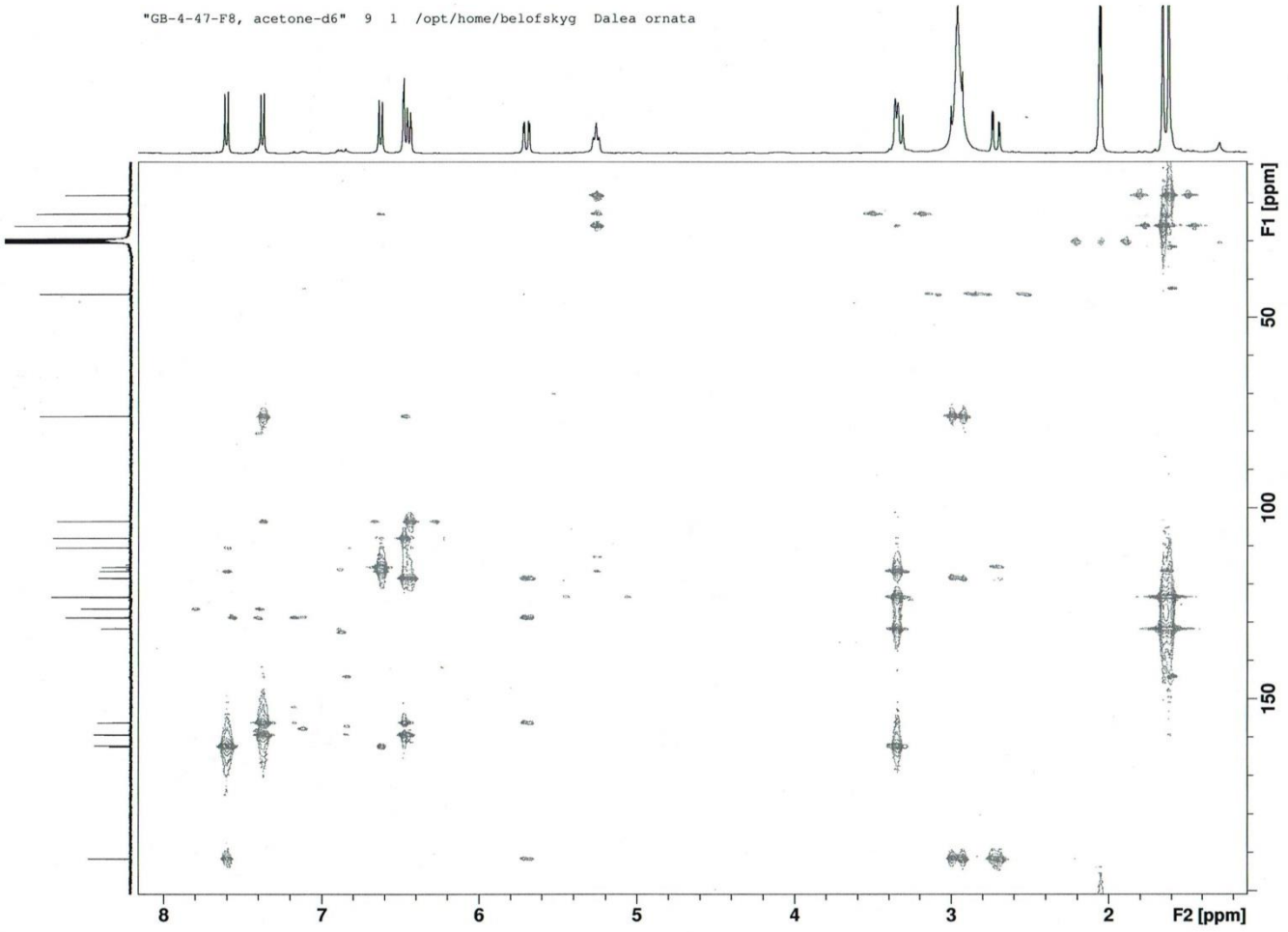

Figure S22. HMBC spectrum of (-)-euchrenone a_7 (**5**) (400 MHz; acetone-d_6).

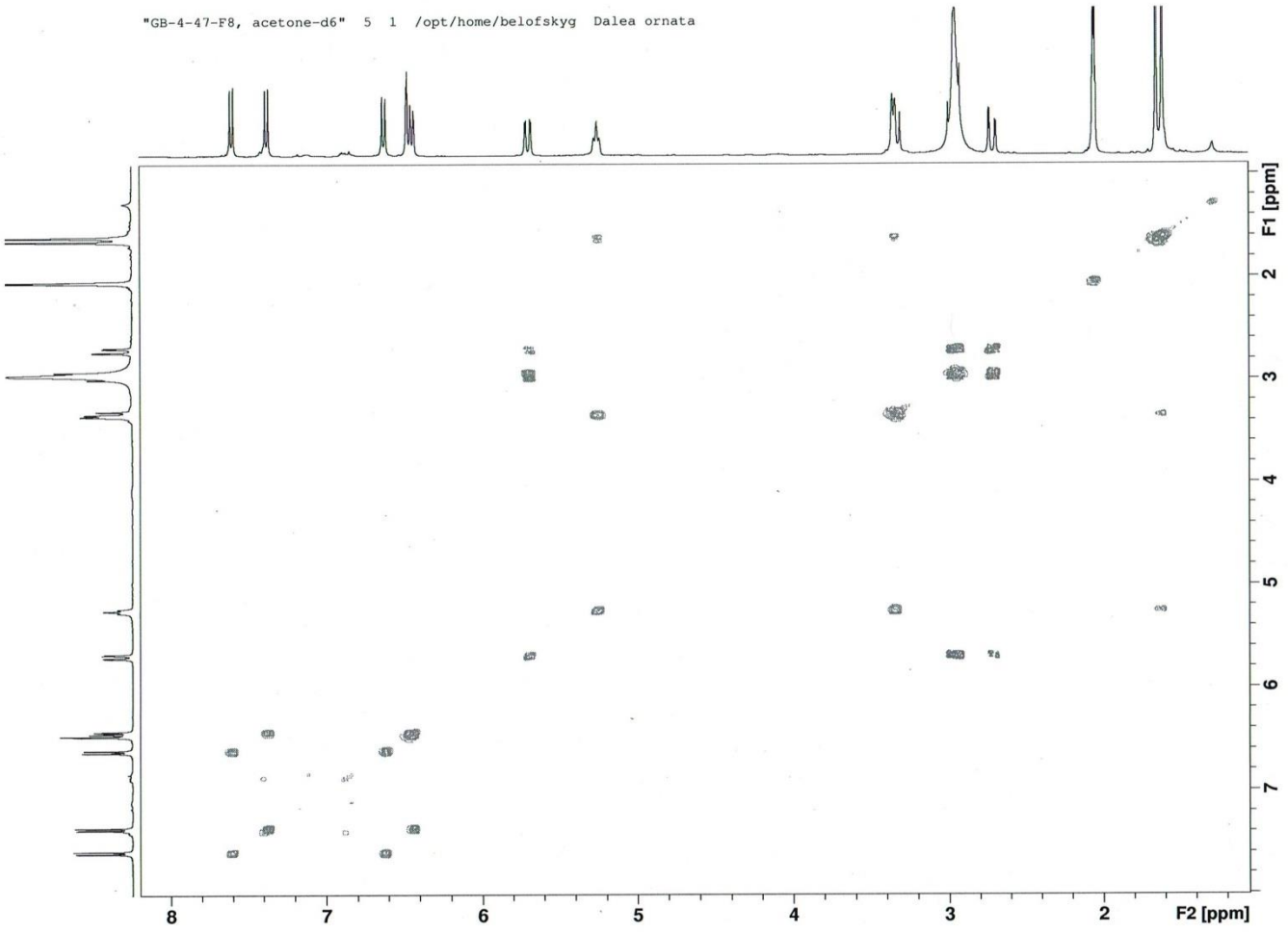

Figure S23. COSY spectrum of (-)-euchrenone a_7 (**5**) (400 MHz; acetone-d_6).

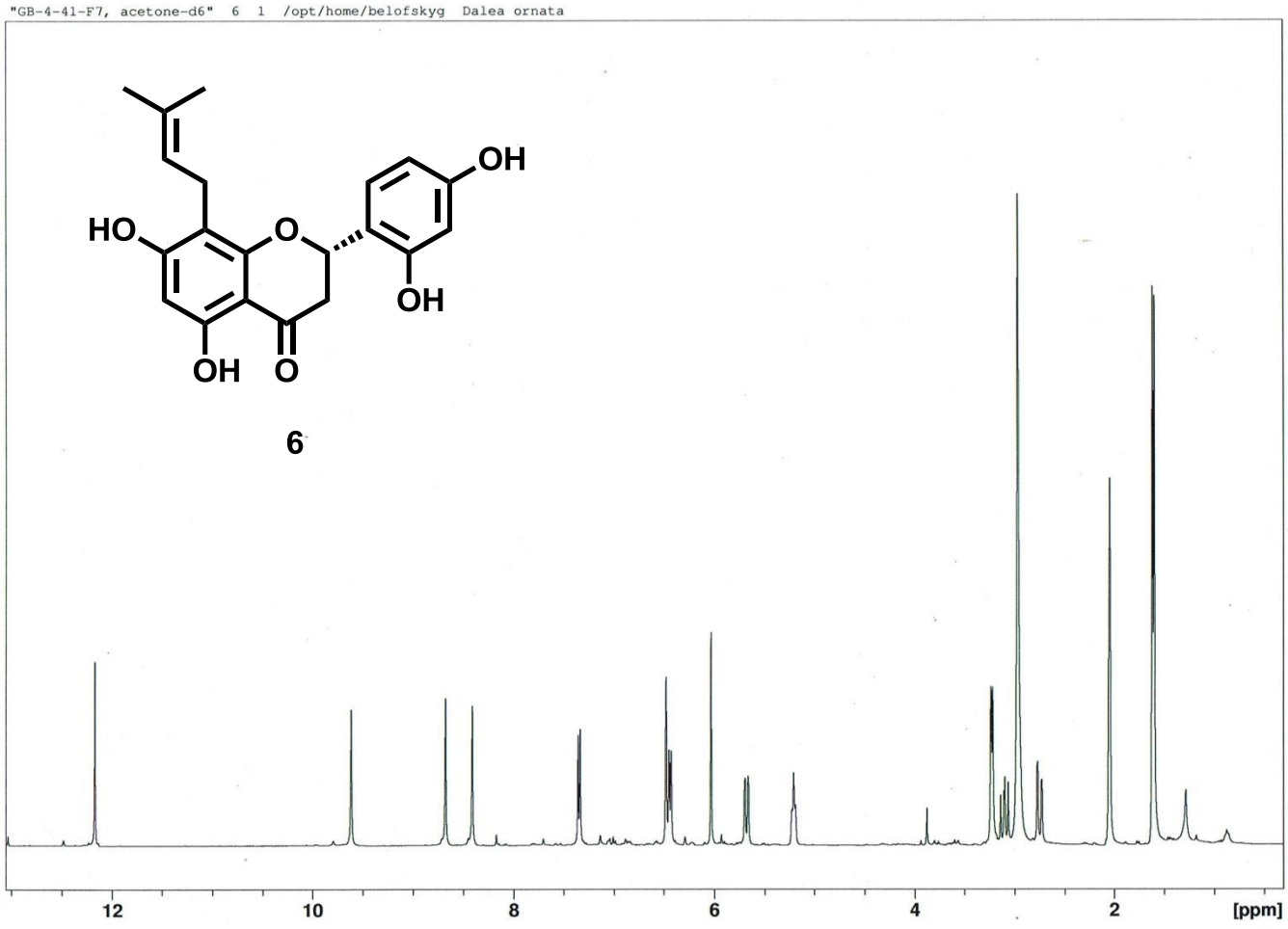

Figure S24. ^{1}H NMR spectrum of (2*S*)-leachianone G (**6**) (400 MHz; acetone-d_6).

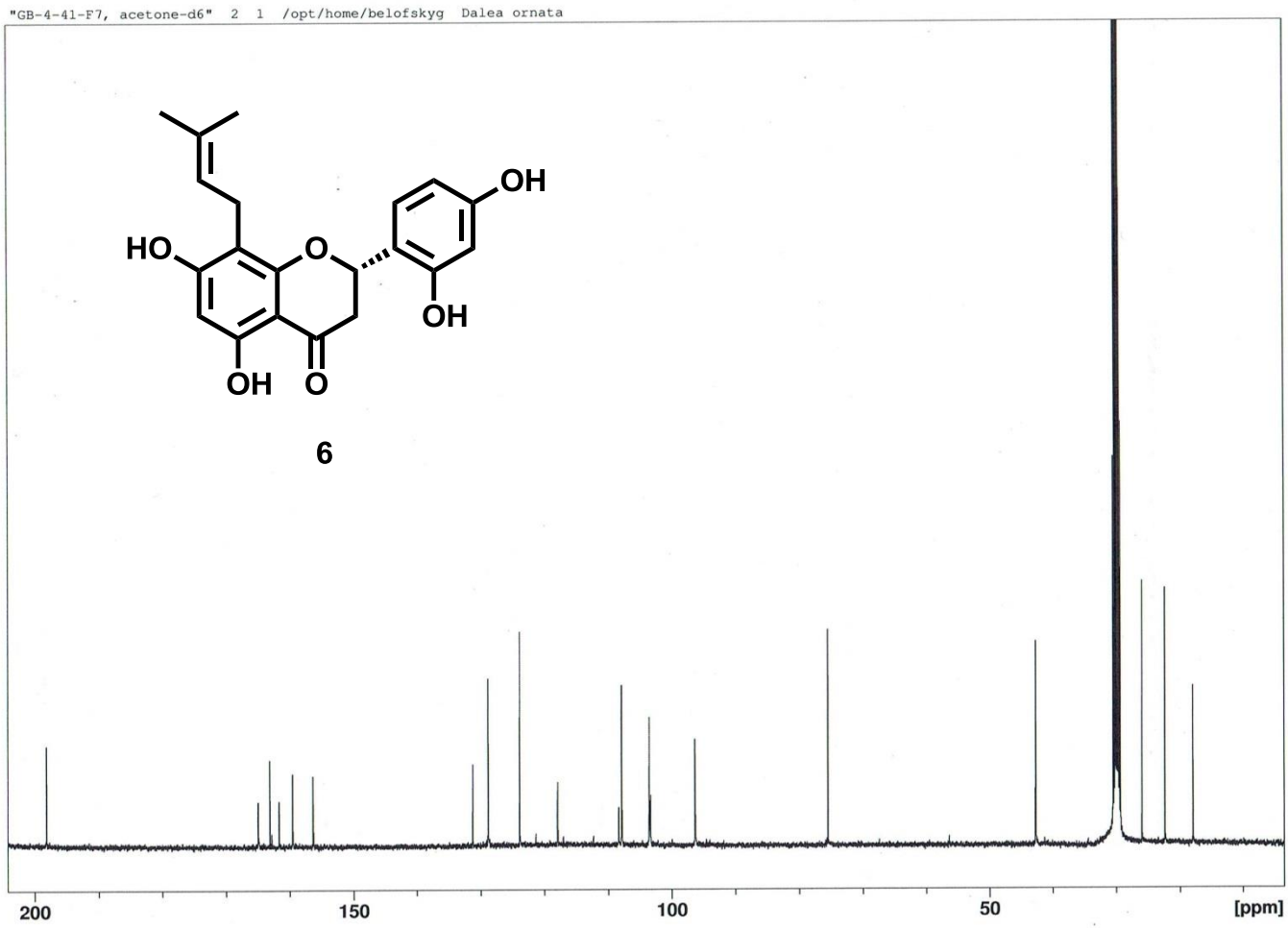

Figure S25. ^{13}C NMR spectrum of (2*S*)-leachianone G (**6**) (100 MHz; acetone-d_6).

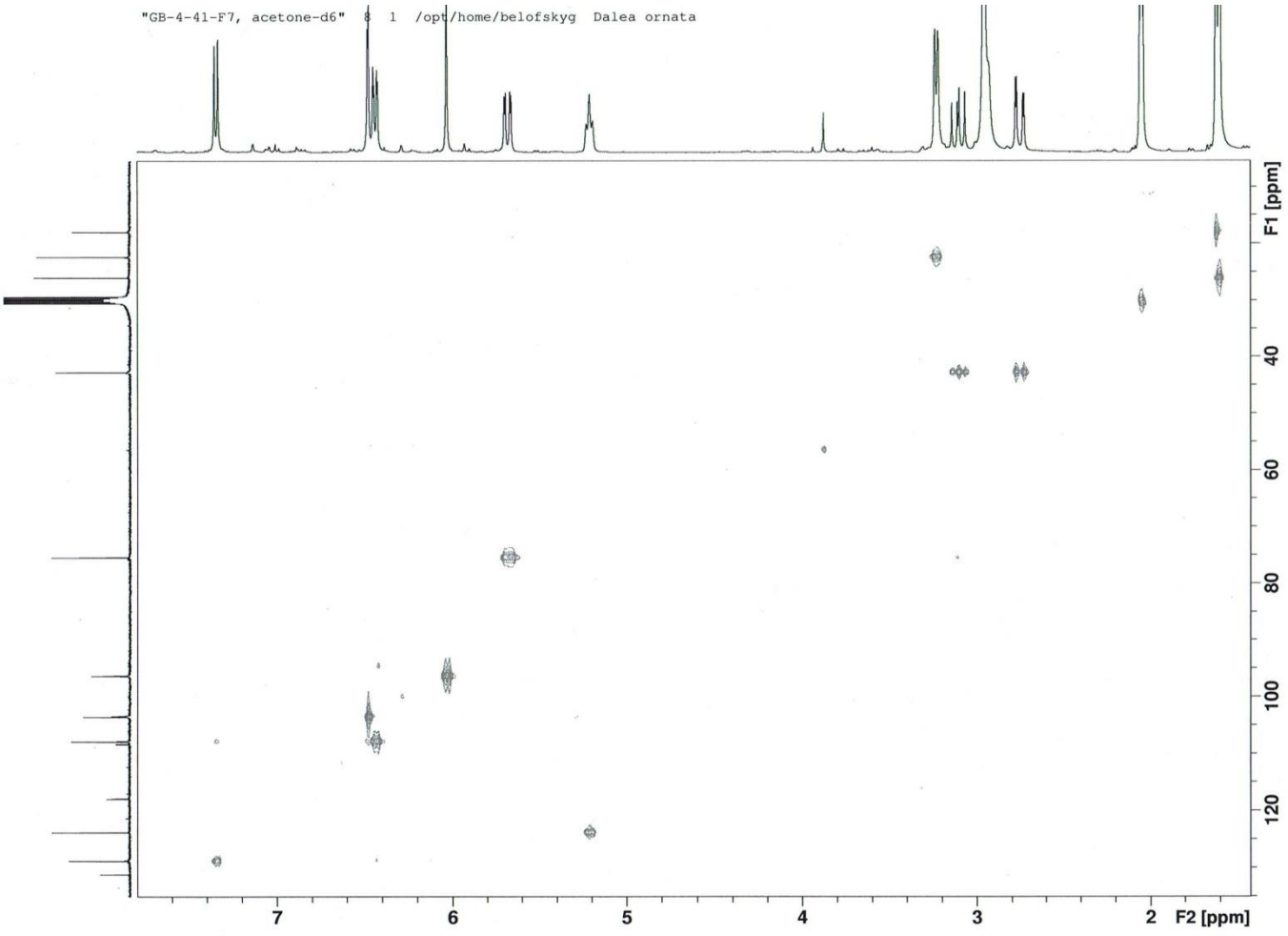

Figure S26. HSQC spectrum of (2*S*)-leachianone G (**6**) (400 MHz; acetone-d_6).

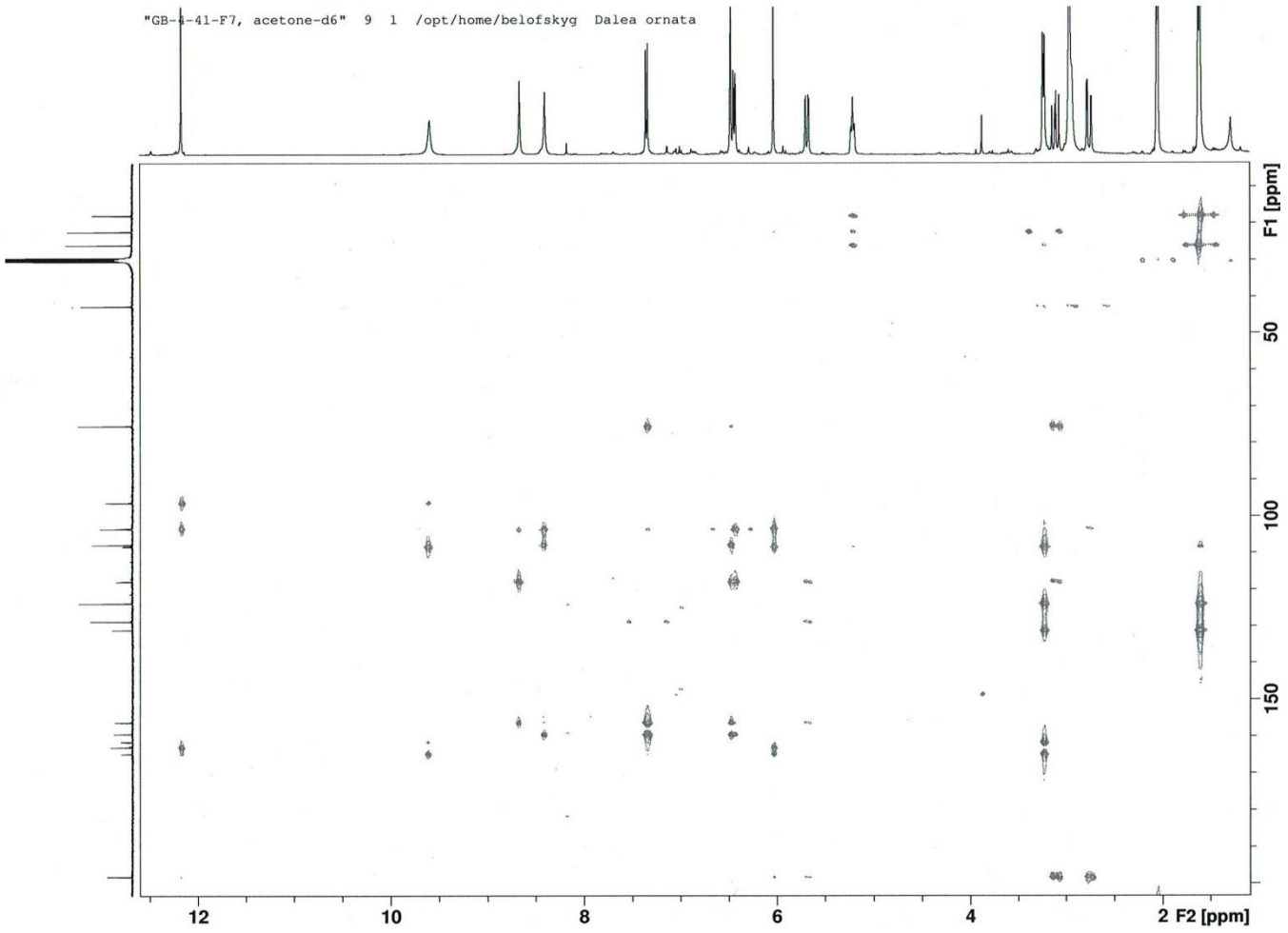

Figure S27. HMBC spectrum of (2*S*)-leachianone G (**6**) (400 MHz; acetone-d_6).

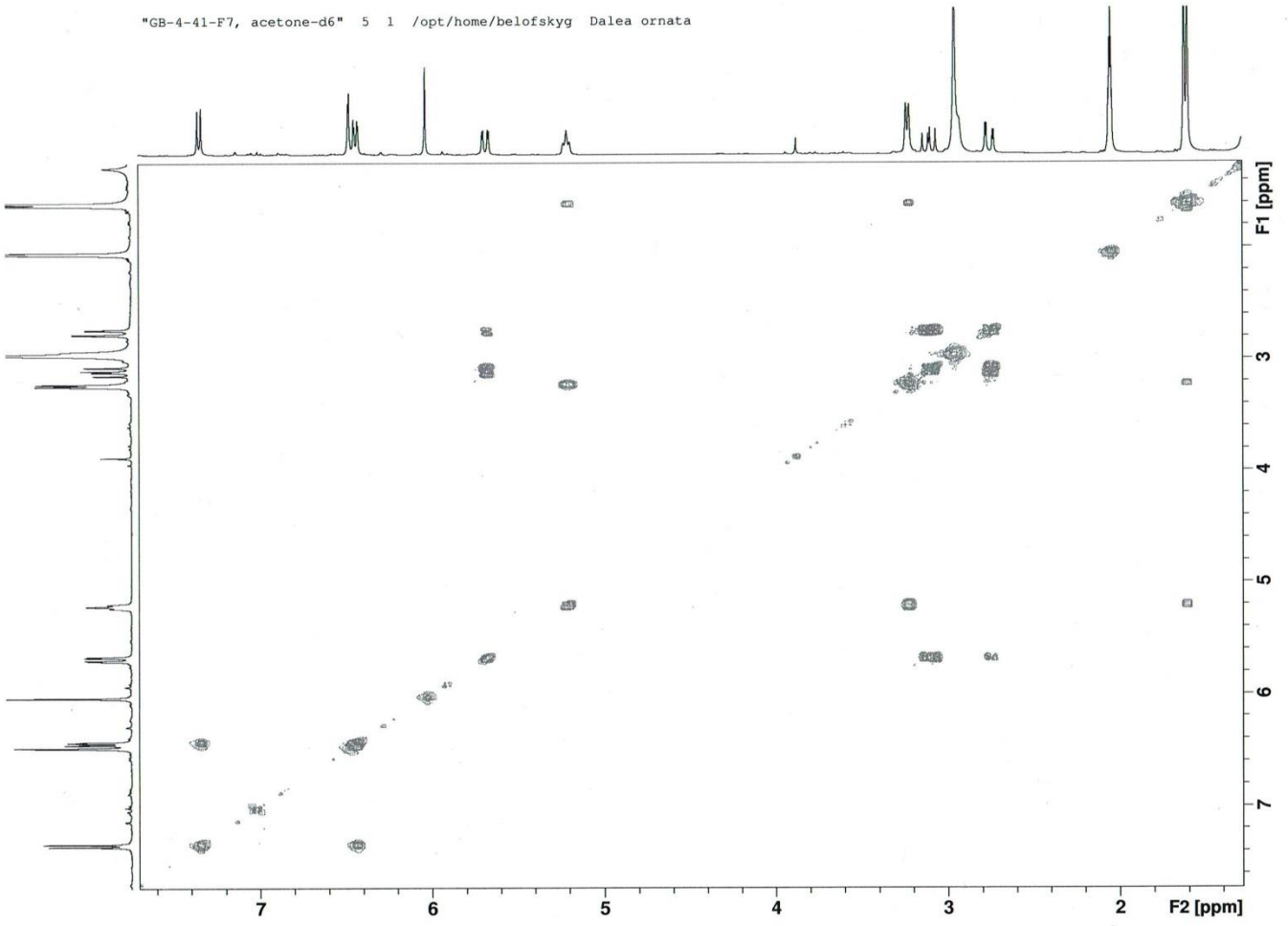

Figure S28. COSY spectrum of (2*S*)-leachianone G (**6**) (400 MHz; acetone-d_6).

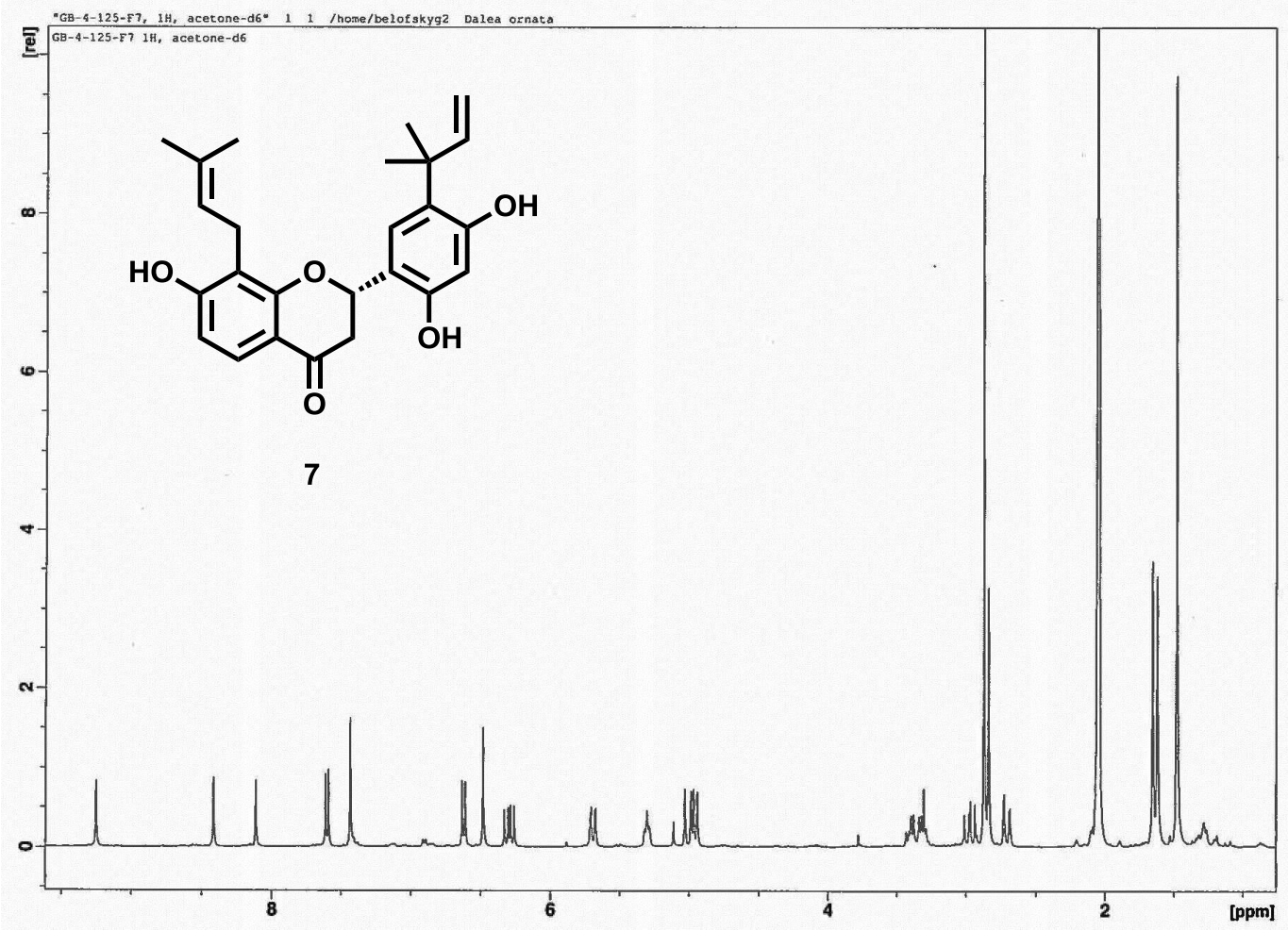

Figure S29. ^{1}H NMR spectrum of (-)-malheuran B (**7**) (400 MHz; acetone-d_6).

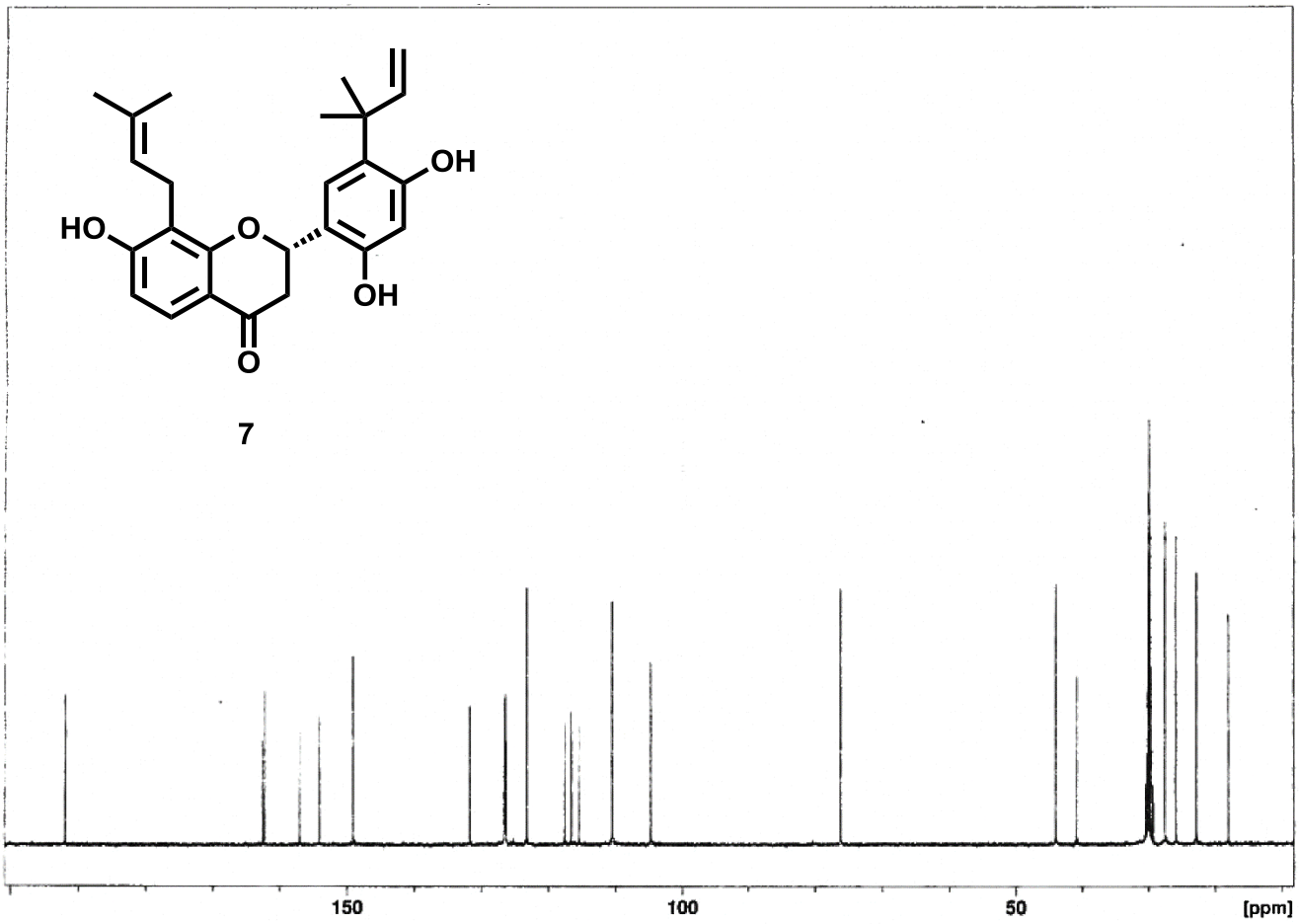

Figure S30. ^{13}C NMR spectrum of (-)-malheuran B (**7**) (100 MHz; acetone-d_6).

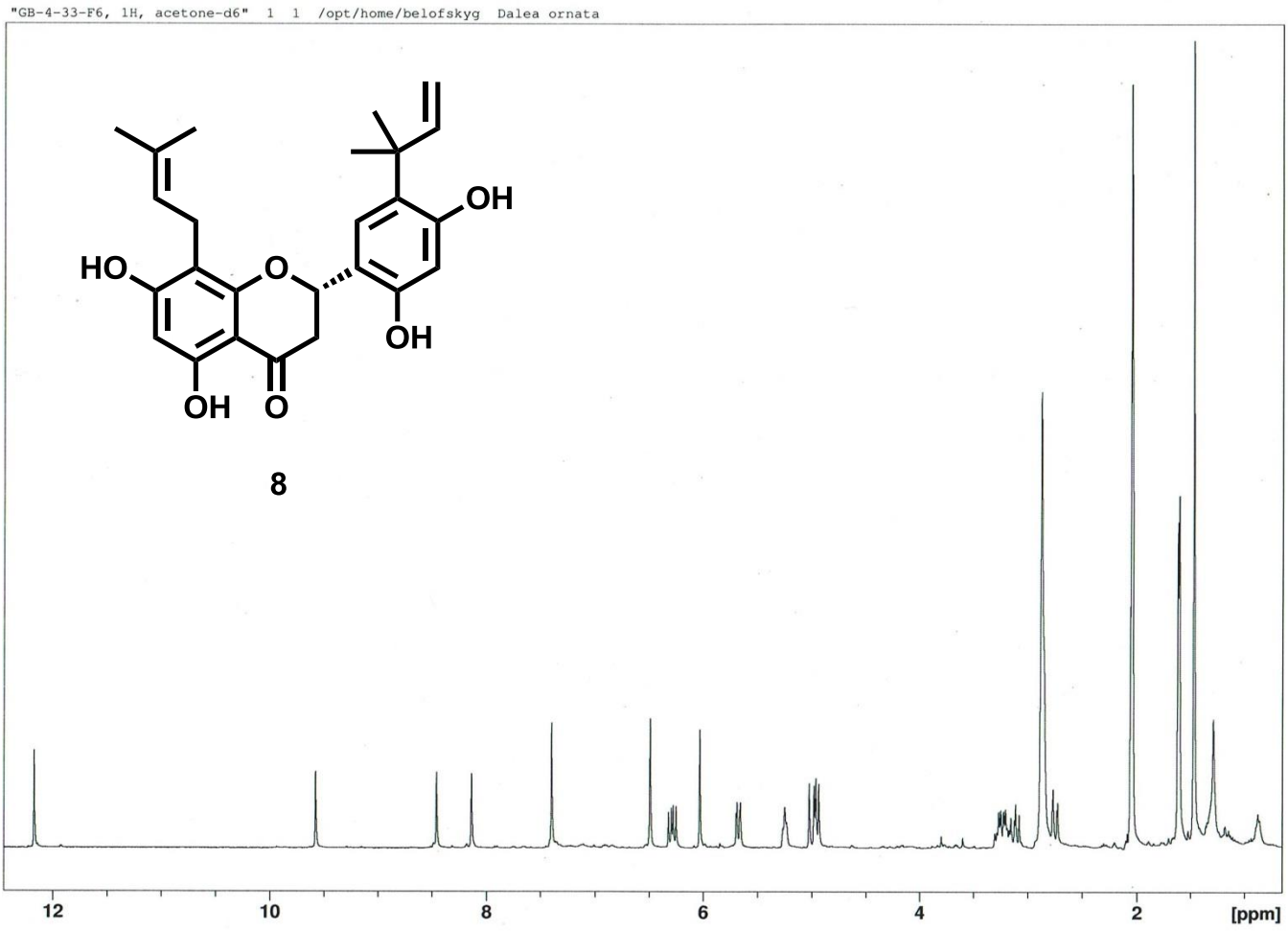

Figure S31. ^{1}H NMR spectrum of (*2S*)-5'-(2-methylbut-3-en-2-yl)-8-(3-methylbut-2-en-1-yl)-5,7,2',4'-tetrahydoxyflavanone (**8**) (400 MHz; acetone-d_6).

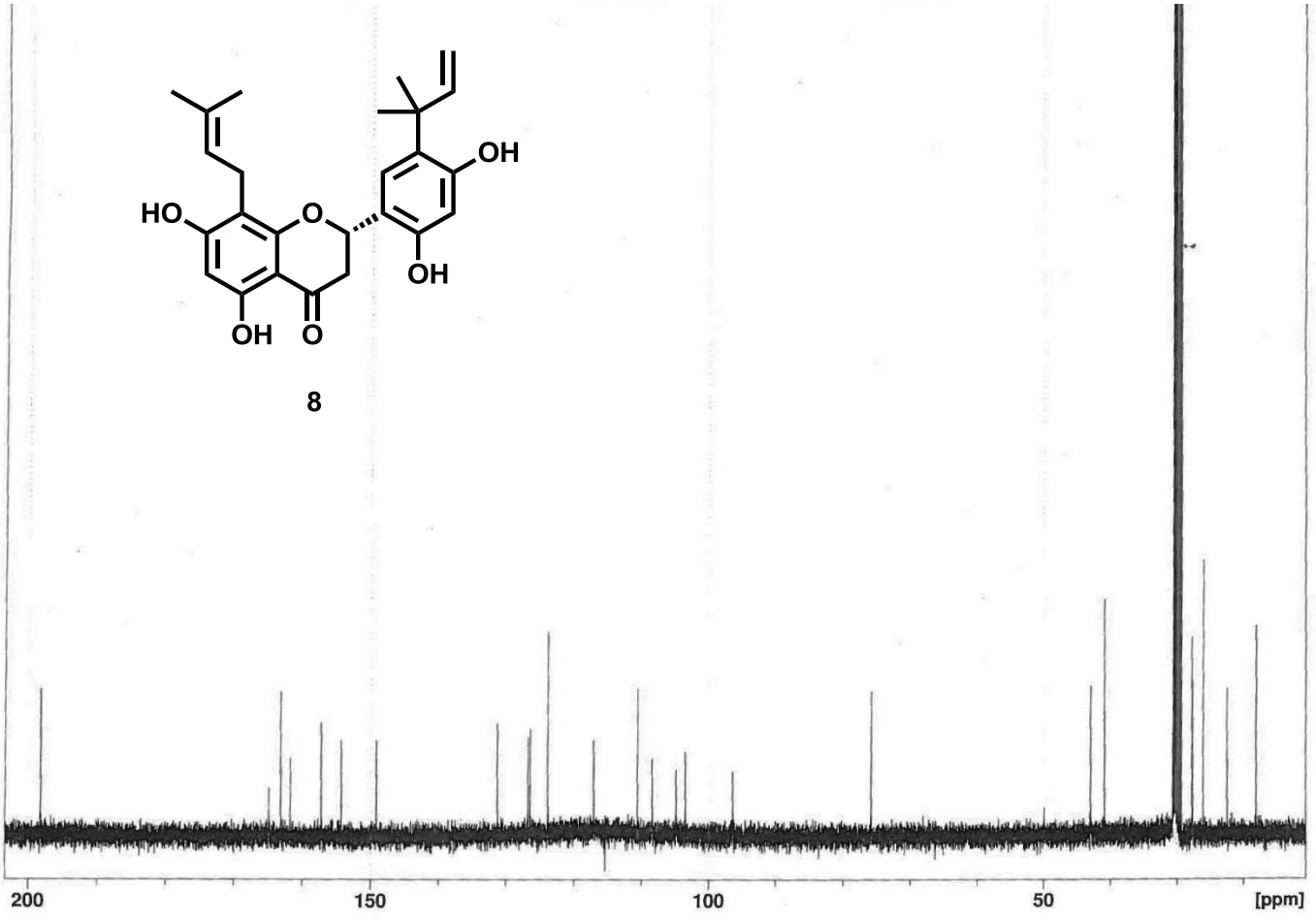

Figure S32. ^{13}C NMR spectrum of (*2S*)-5'-(2-methylbut-3-en-2-yl)-8-(3-methylbut-2-en-1-yl)-5,7,2',4'-tetrahydoxyflavanone (**8**) (100 MHz; acetone-d_6).

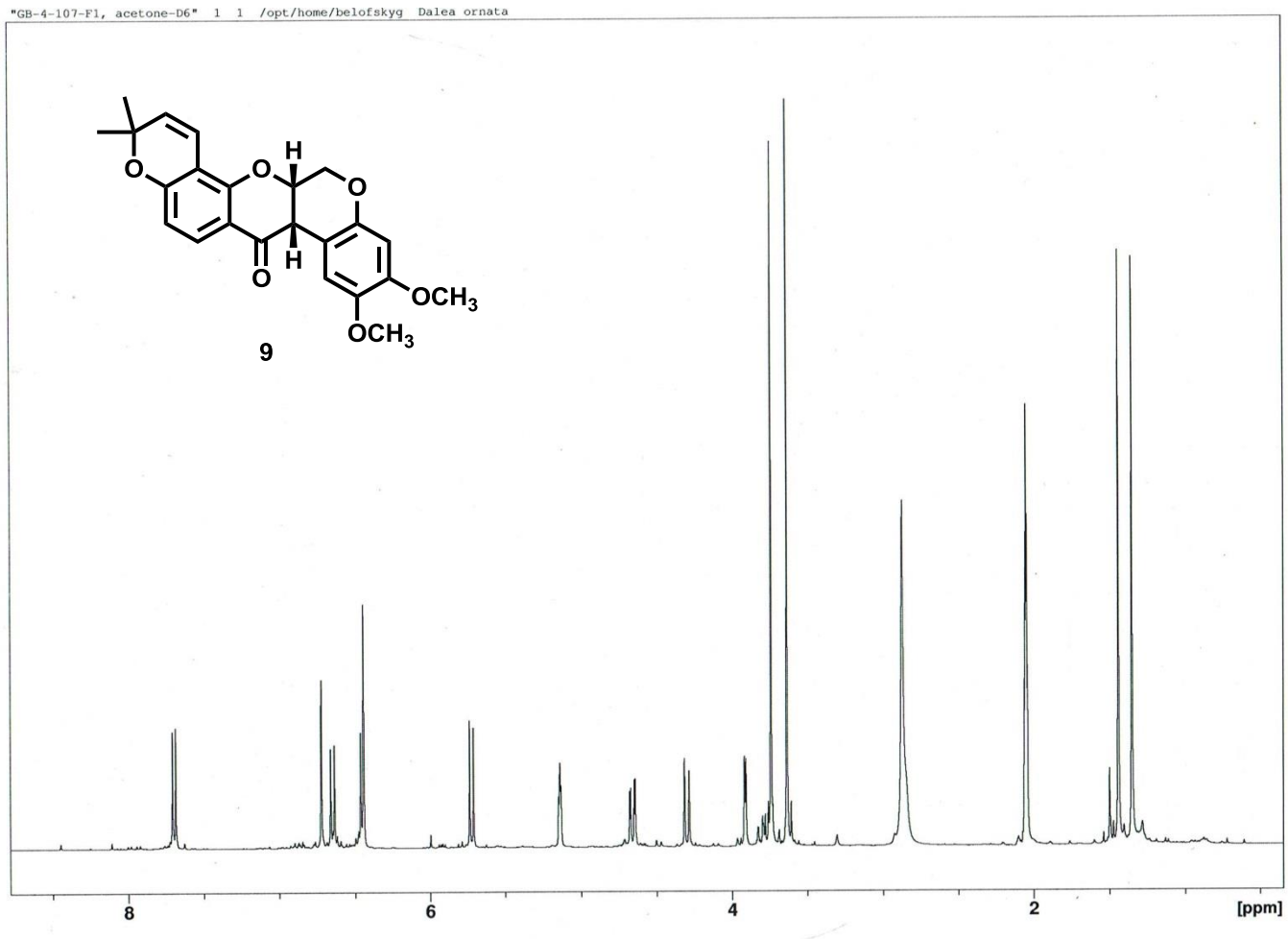

Figure S33. ^{1}H NMR spectrum of (-)-deguelin (**9**) (400 MHz; acetone-d_6).

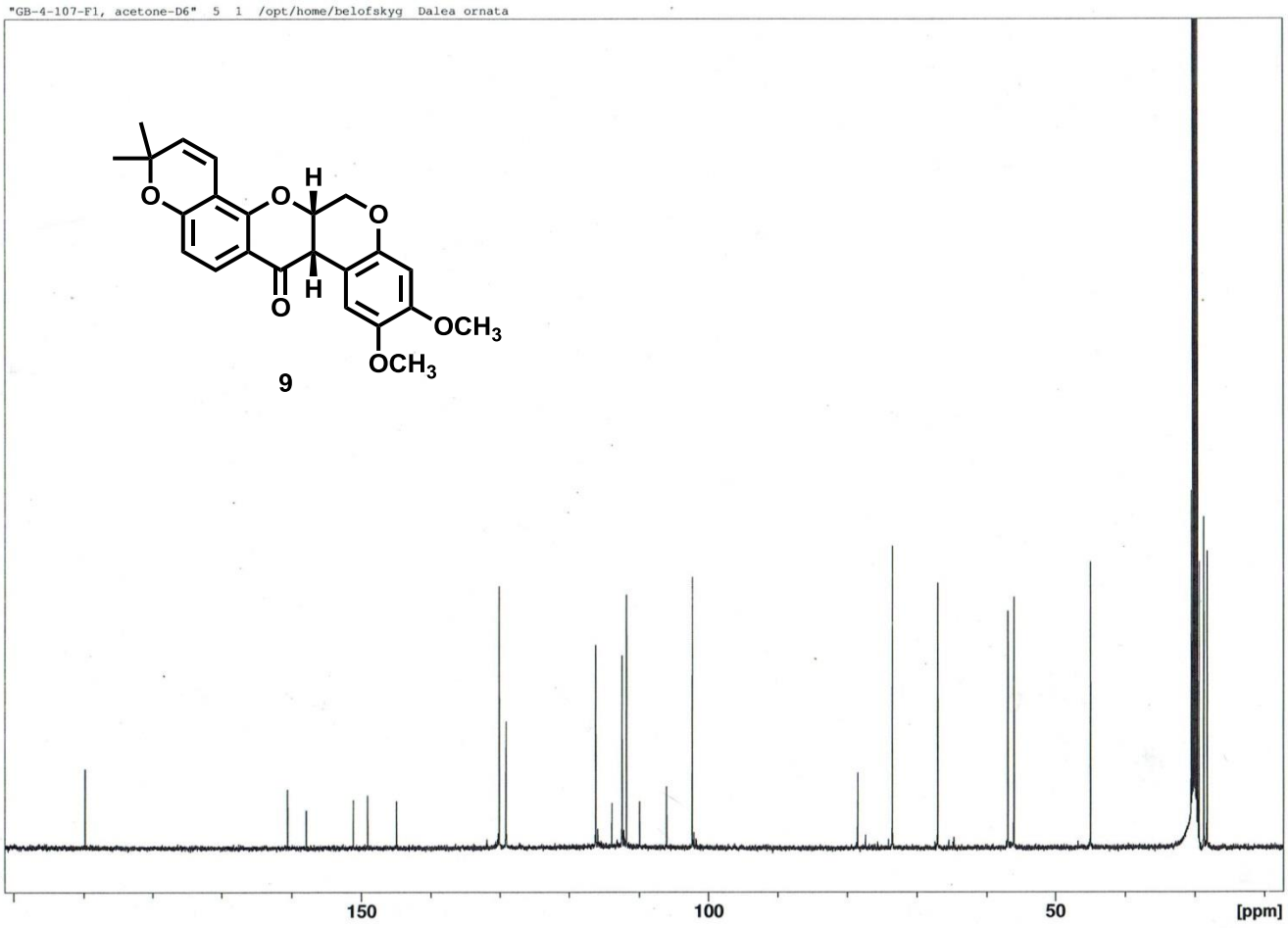

Figure S34. ^{13}C NMR spectrum of (-)-deguelin (**9**) (100 MHz; acetone-d_6).

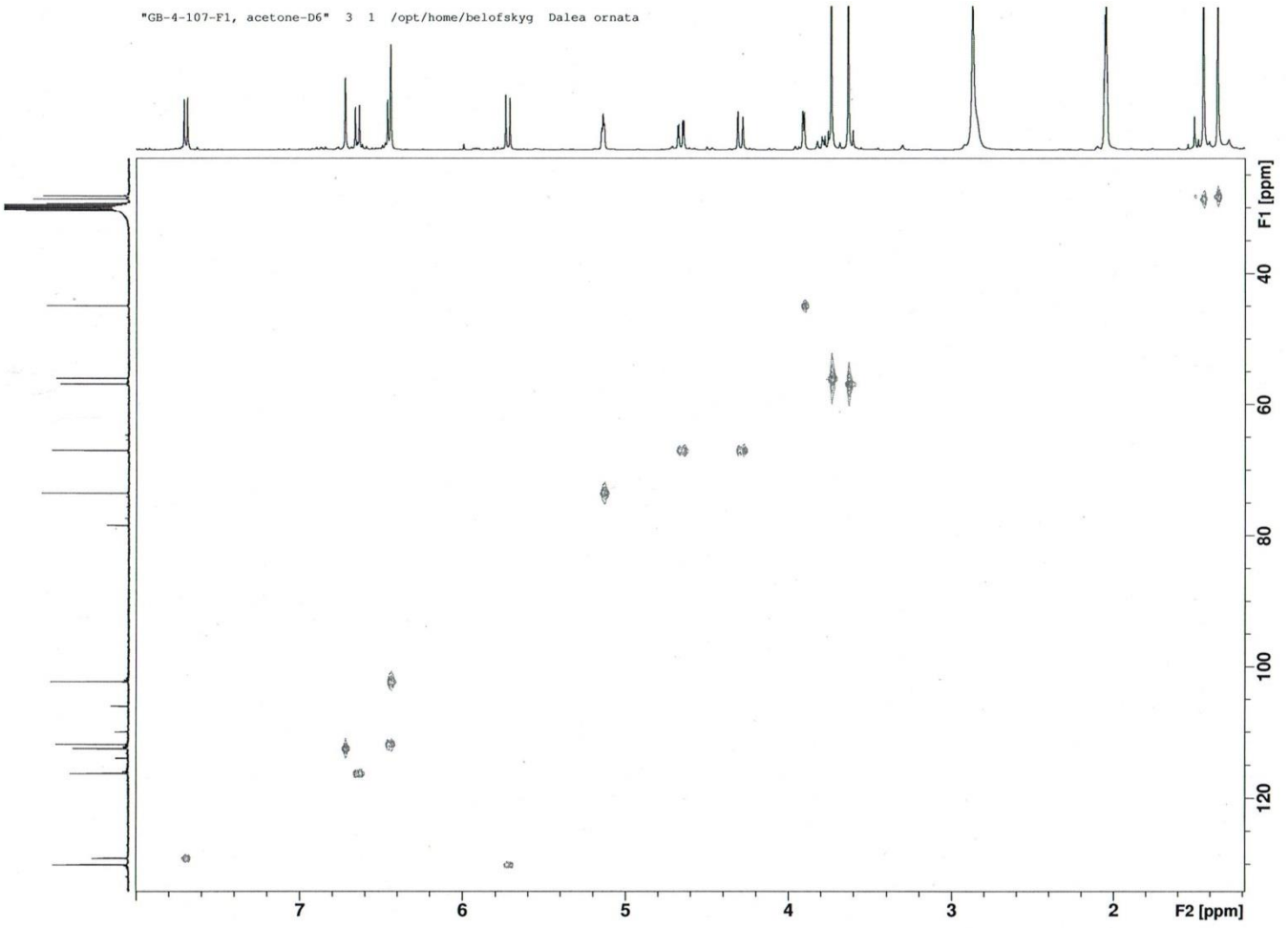

Figure S35. HSQC spectrum of (-)-deguelin (**9**) (400 MHz; acetone-d_6).

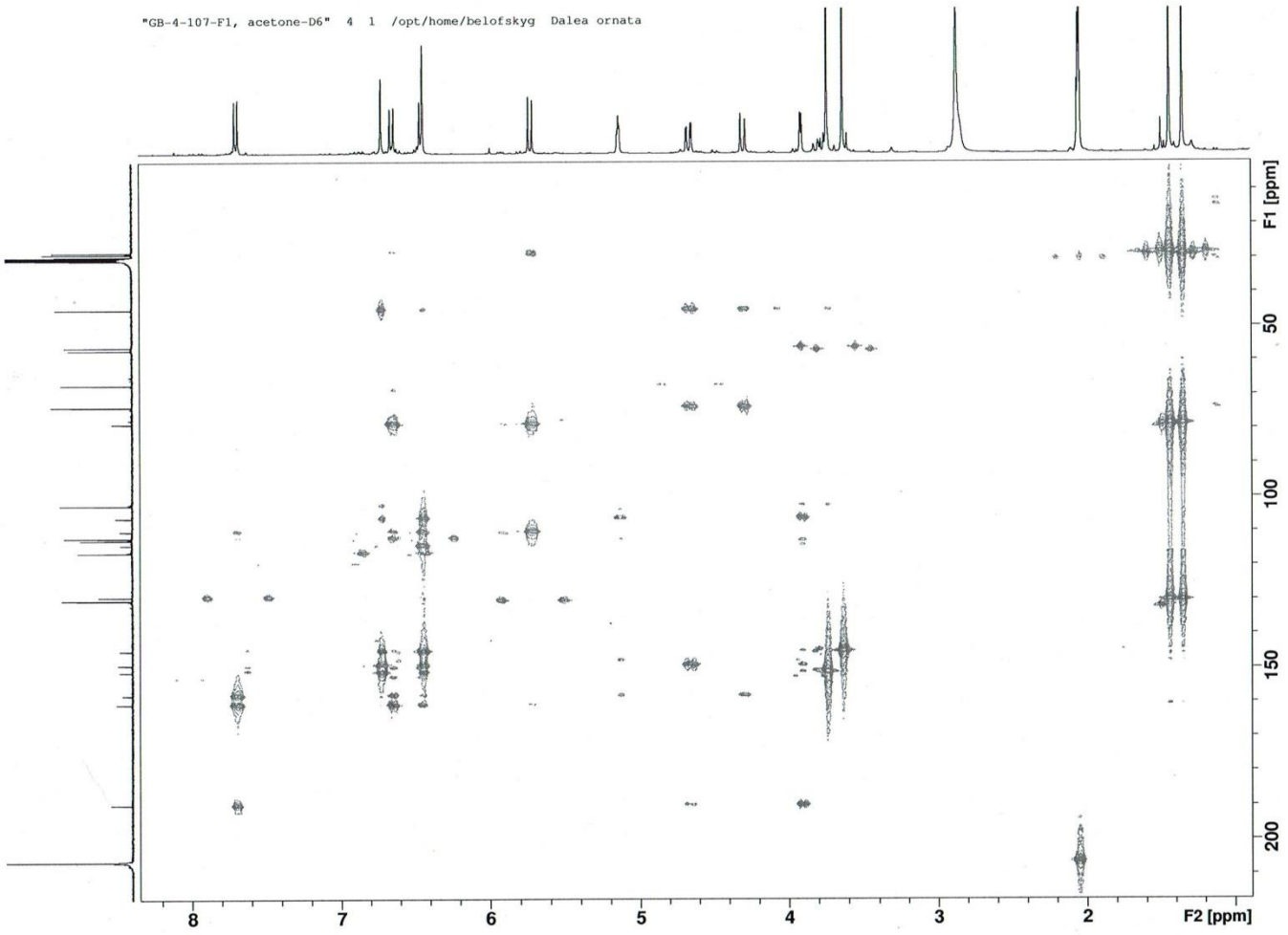

Figure S36. HMBC spectrum of (-)-deguelin (**9**) (400 MHz; acetone-d_6).

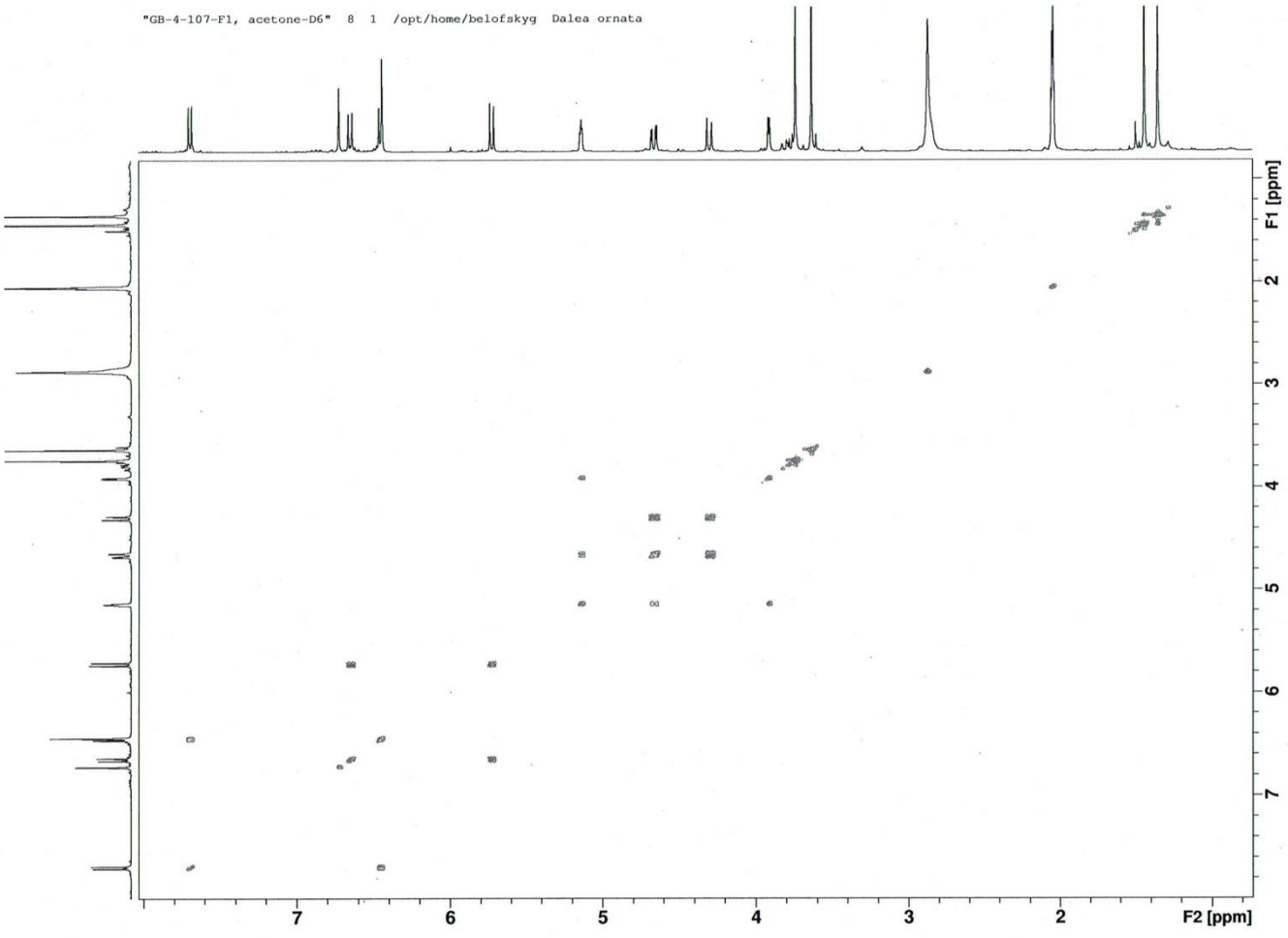

Figure S37. COSY spectrum of (-)-deguelin (**9**) (400 MHz; acetone-d_6).

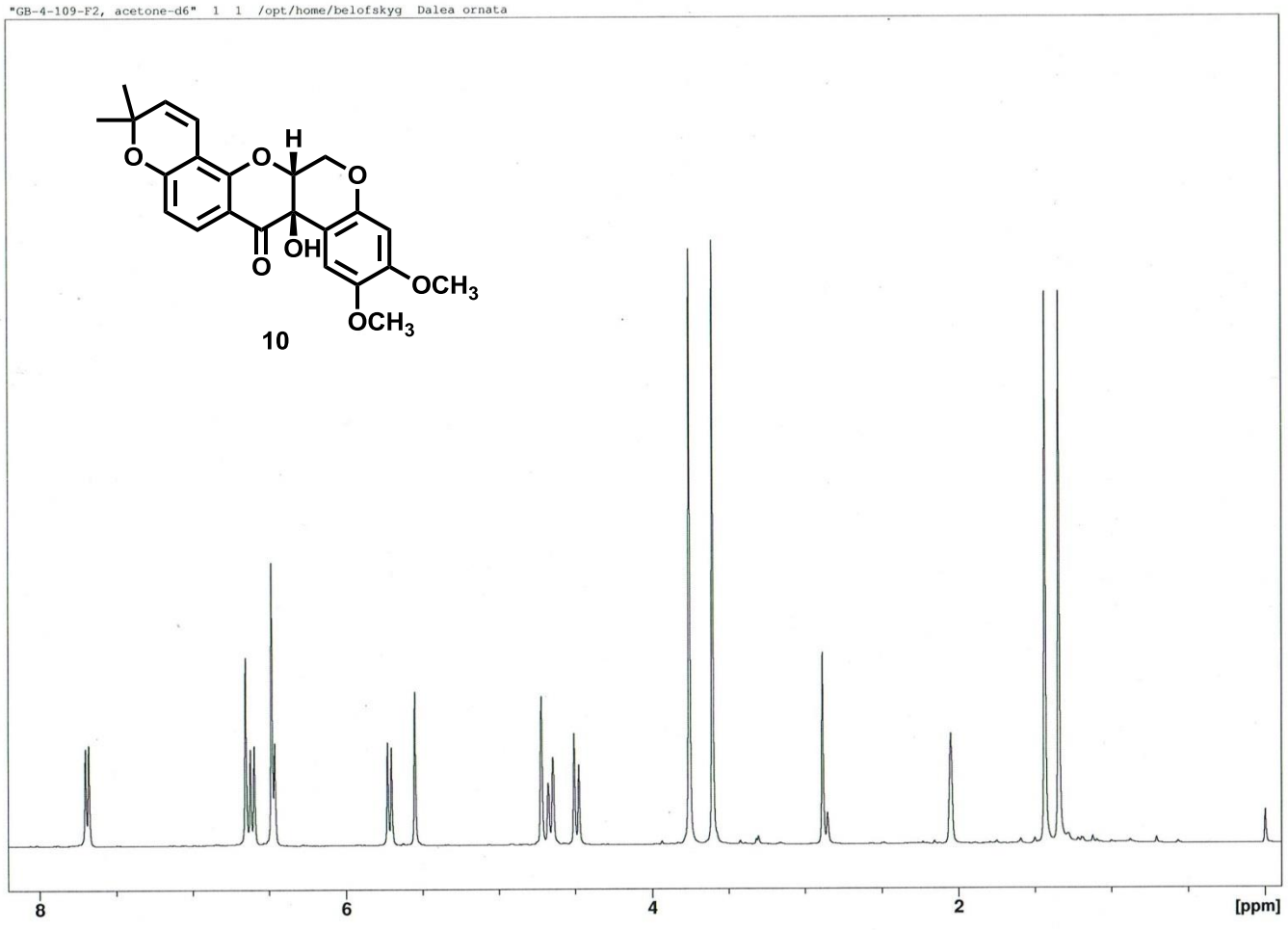

Figure S38. ^{1}H NMR spectrum of (-)-tephrosin (**10**) (400 MHz; acetone-d_6).

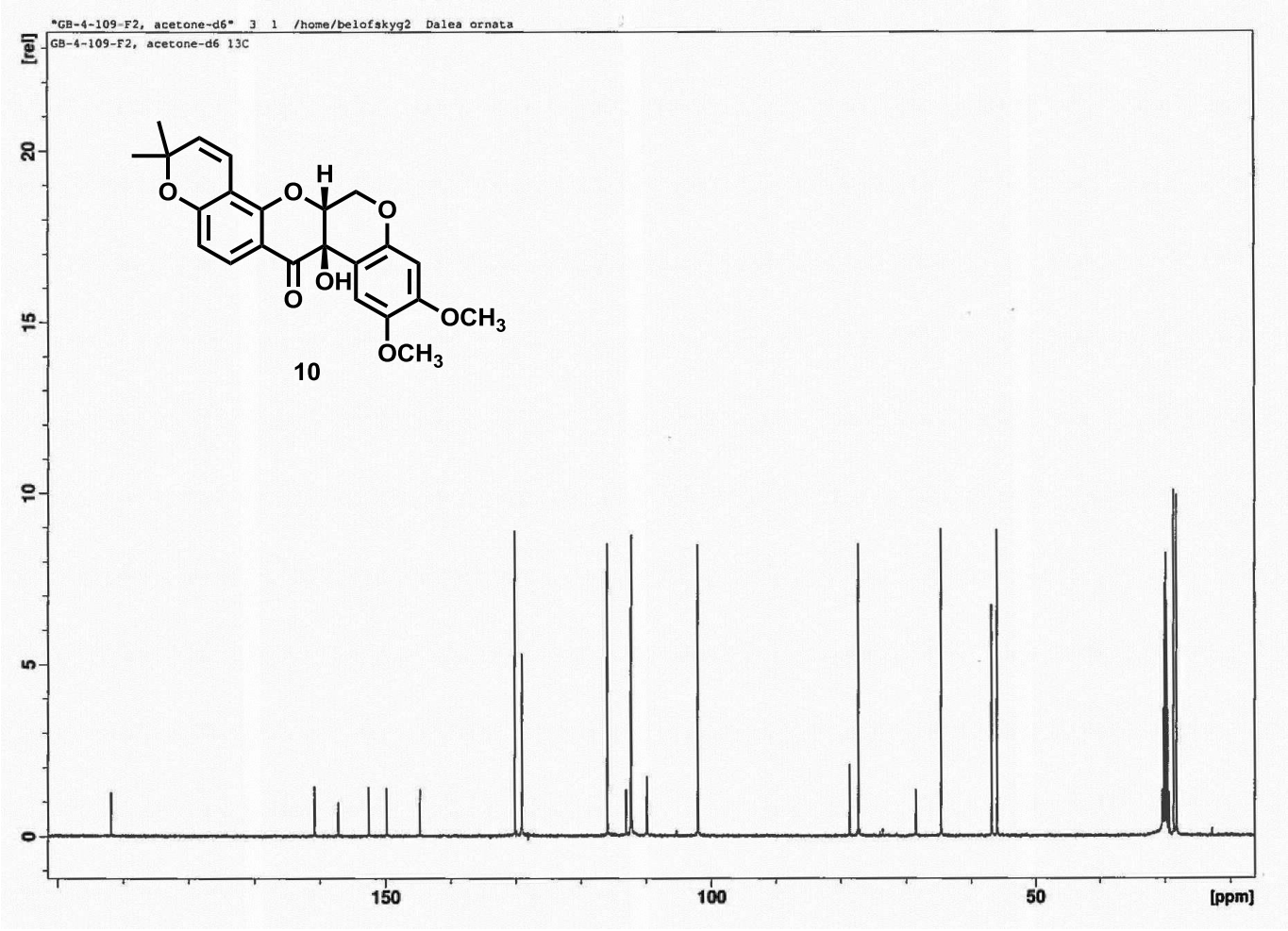

Figure S39. ^{13}C NMR spectrum of (-)-tephrosin (**10**) (100 MHz; acetone-d_6).