

S1 Supplementary information contents page

Design and synthesis of screening libraries based on the muuroloane natural product scaffold

Emma C. Barnes,^a Vanida Choomuenwai,^{a,b} Katherine T. Andrews,^{a,b} Ronald J. Quinn,^a and Rohan A. Davis^a

^a*Eskitis Institute, Griffith University, Brisbane, QLD 4111, Australia.*

^b*Queensland Institute for Medical Research, Herston, QLD 4006, Australia*

Contents:

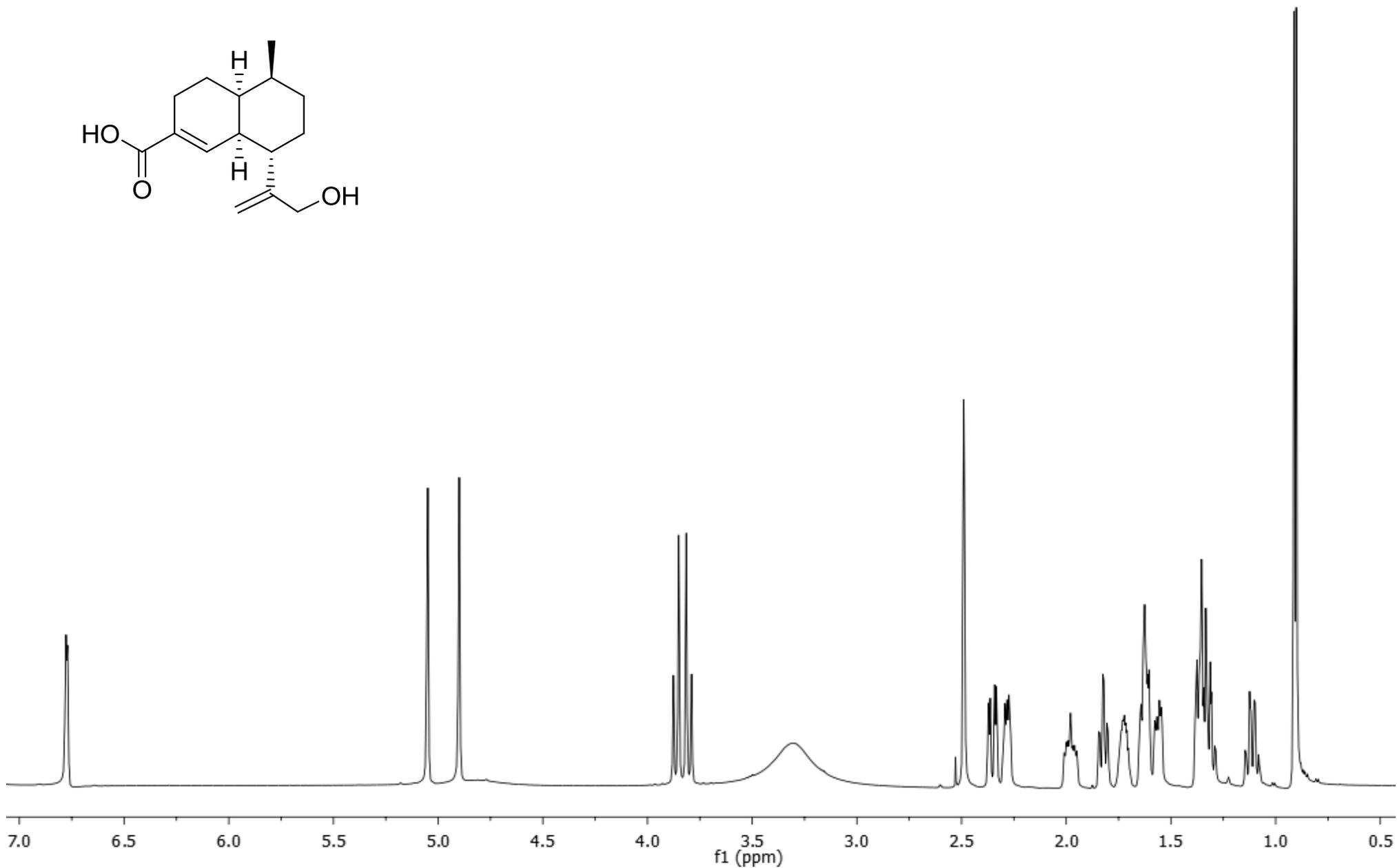
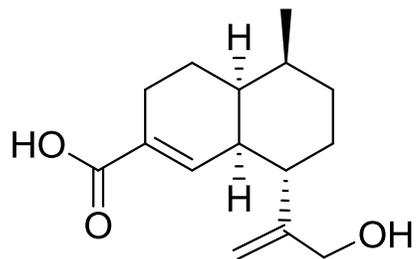
S3	¹ H NMR spectrum for 14-hydroxy-6, 12-muuroloadien-15-oic acid (1) in DMSO- <i>d</i> ₆
S4	¹³ C NMR spectrum for 14-hydroxy-6, 12-muuroloadien-15-oic acid (1) in DMSO- <i>d</i> ₆
S5	¹ H NMR spectrum for compound 2 in DMSO- <i>d</i> ₆
S6	¹³ C NMR spectrum for compound 2 in DMSO- <i>d</i> ₆
S7	¹ H NMR spectrum for compound 3 in DMSO- <i>d</i> ₆
S8	¹³ C NMR spectrum for compound 3 in DMSO- <i>d</i> ₆
S9	¹ H NMR spectrum for compound 4 in DMSO- <i>d</i> ₆
S10	¹³ C NMR spectrum for compound 4 in DMSO- <i>d</i> ₆
S11	¹ H NMR spectrum for compound 5 in DMSO- <i>d</i> ₆
S12	¹³ C NMR spectrum for compound 5 in DMSO- <i>d</i> ₆
S13	¹ H NMR spectrum for compound 6 in DMSO- <i>d</i> ₆
S14	¹³ C NMR spectrum for compound 6 in DMSO- <i>d</i> ₆
S15	¹ H NMR spectrum for compound 7 in DMSO- <i>d</i> ₆
S16	¹³ C NMR spectrum for compound 7 in DMSO- <i>d</i> ₆
S17	¹ H NMR spectrum for compound 8 in DMSO- <i>d</i> ₆
S18	¹³ C NMR spectrum for compound 8 in DMSO- <i>d</i> ₆
S19	¹ H NMR spectrum for compound 9 in DMSO- <i>d</i> ₆
S20	¹³ C NMR spectrum for compound 9 in DMSO- <i>d</i> ₆

S2 Supplementary information contents page

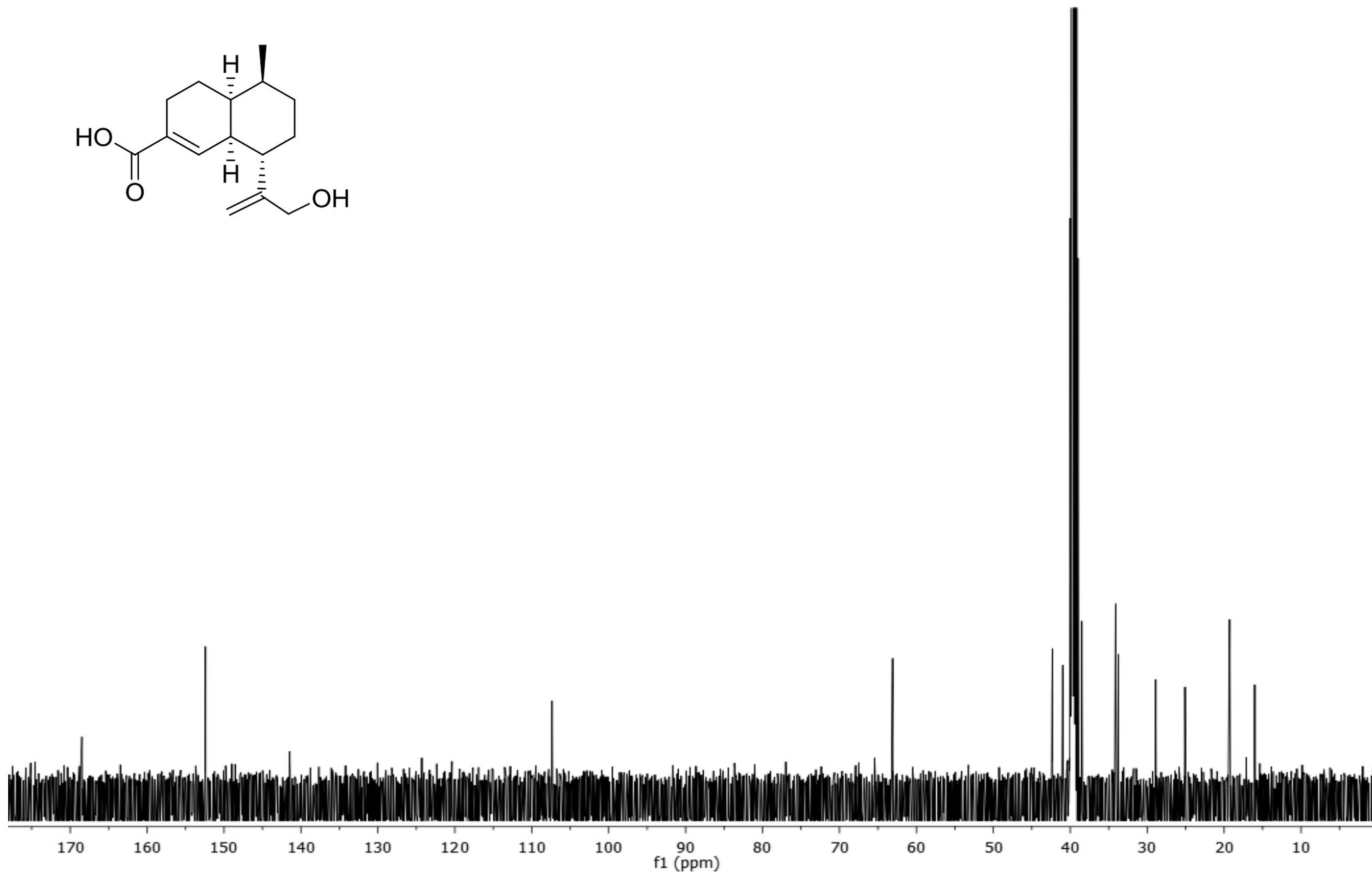
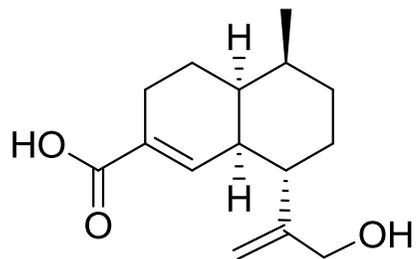
Contents continued:

- S21** ^1H NMR spectrum for compound **10** in $\text{DMSO-}d_6$
S22 ^{13}C NMR spectrum for compound **10** in $\text{DMSO-}d_6$
S23 ^1H NMR spectrum for compound **11** in $\text{DMSO-}d_6$
S24 ^{13}C NMR spectrum for compound **11** in $\text{DMSO-}d_6$
S25 ^1H NMR spectrum for compound **12** in $\text{DMSO-}d_6$
S26 ^{13}C NMR spectrum for compound **12** in $\text{DMSO-}d_6$
S27 ^1H NMR spectrum for compound **13** in $\text{DMSO-}d_6$
S28 ^{13}C NMR spectrum for compound **13** in $\text{DMSO-}d_6$
S29 ^1H NMR spectrum for compound **14** in $\text{DMSO-}d_6$
S30 ^{13}C NMR spectrum for compound **14** in $\text{DMSO-}d_6$

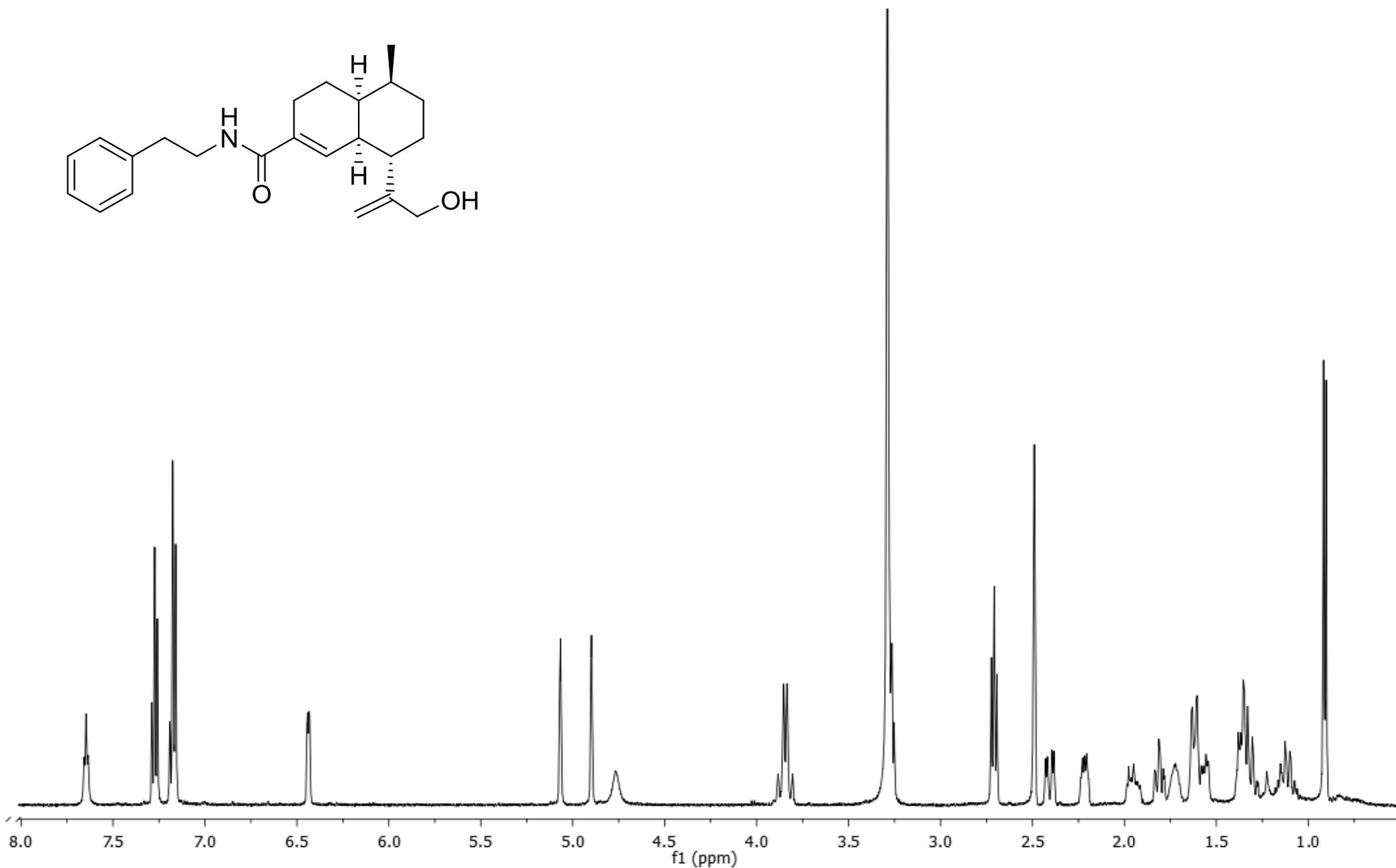
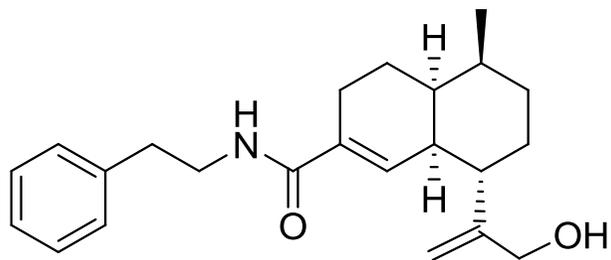
S3 ^1H NMR spectrum for 14-hydroxy-6, 12-muuroloadien-15-oic acid (**1**) in $\text{DMSO-}d_6$



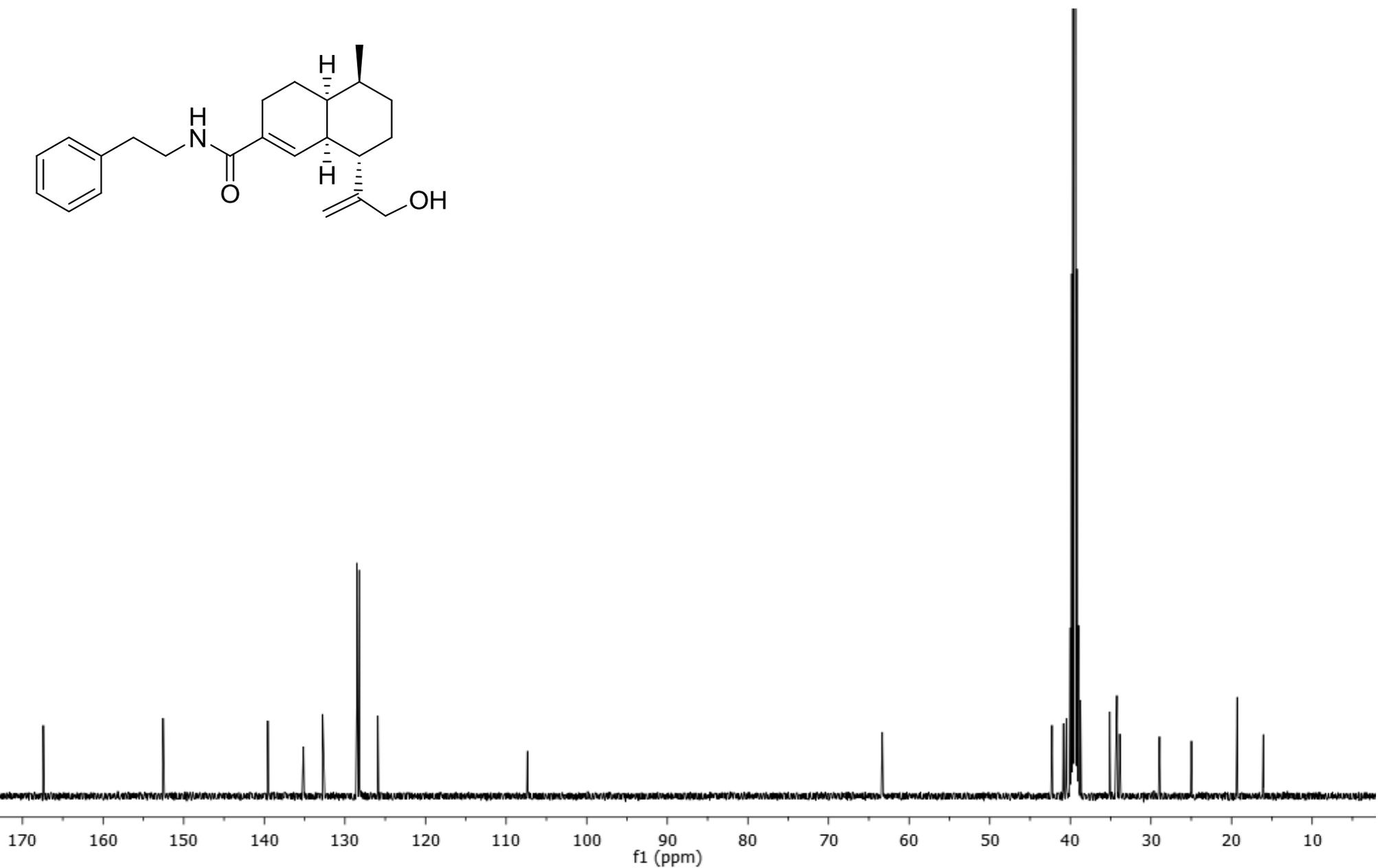
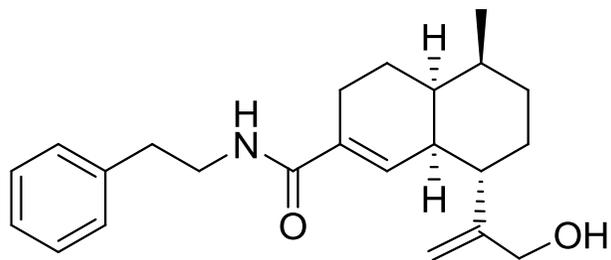
S4 ^{13}C NMR spectrum for 14-hydroxy-6, 12-muuroloadien-15-oic acid (**1**) in $\text{DMSO-}d_6$



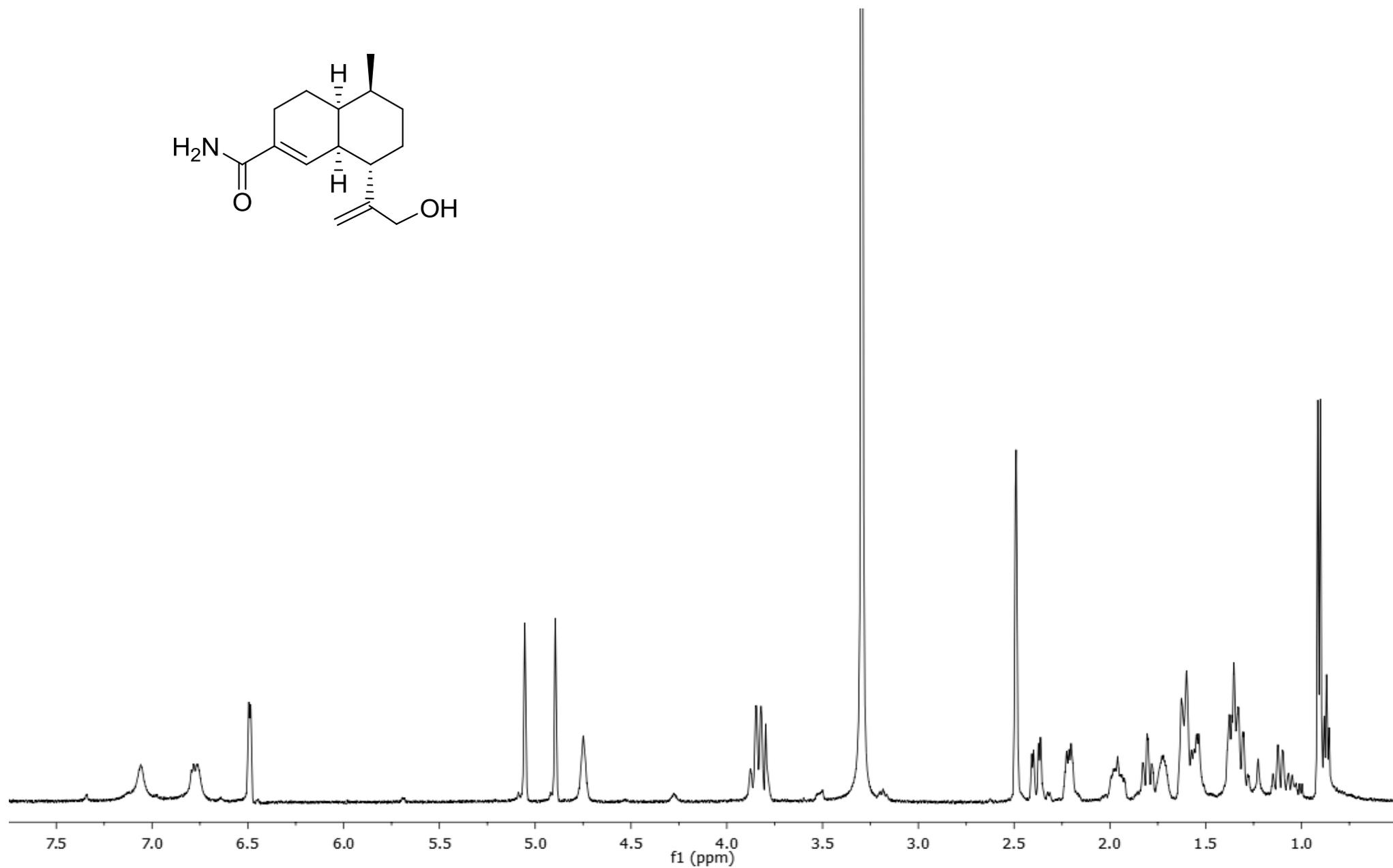
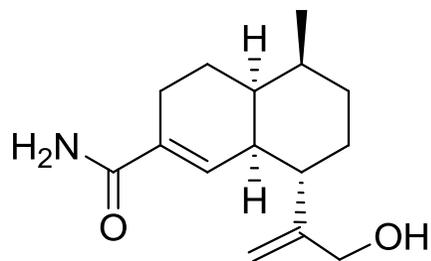
S5 ^1H NMR spectrum for compound **2** in $\text{DMSO-}d_6$



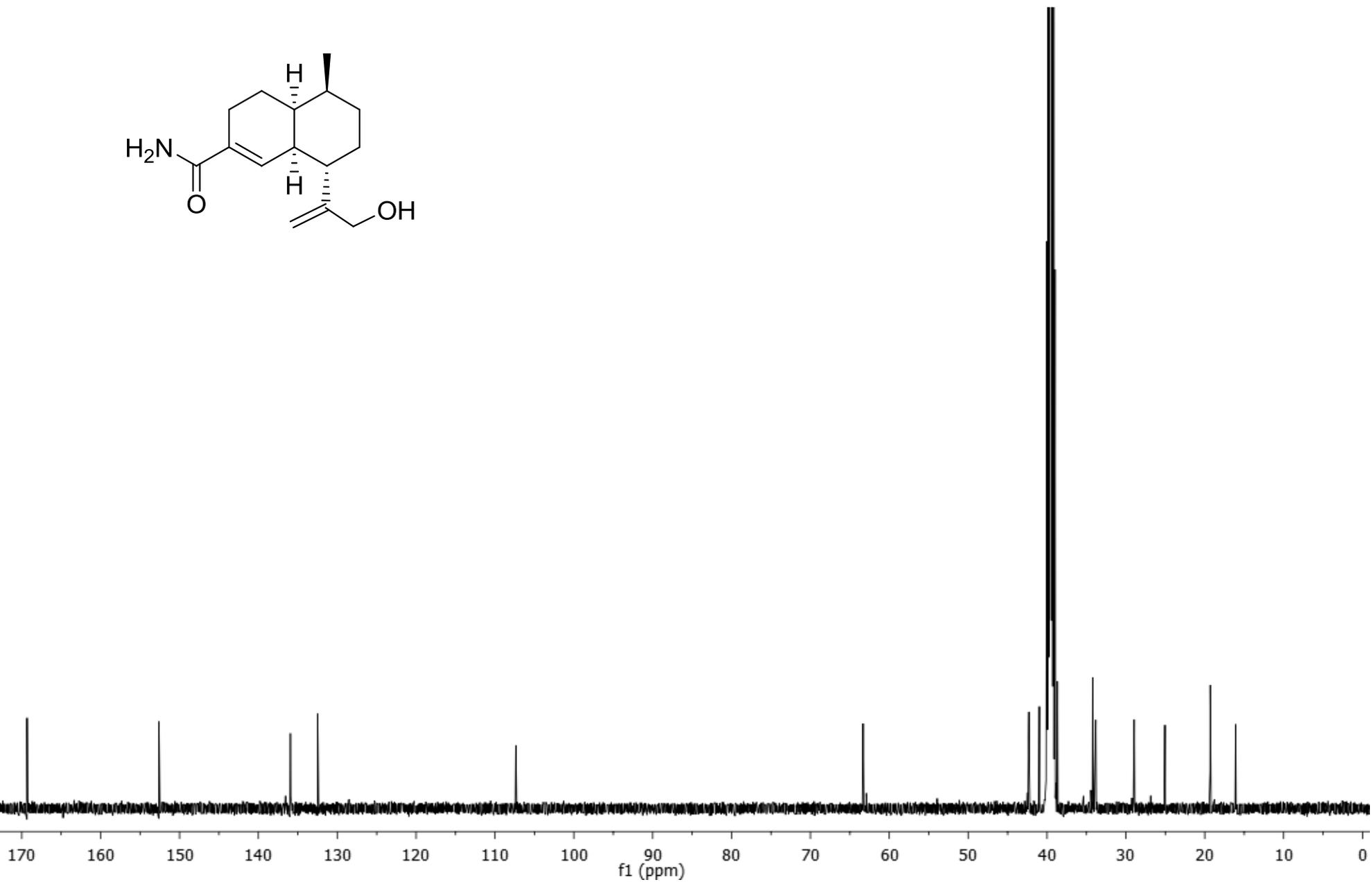
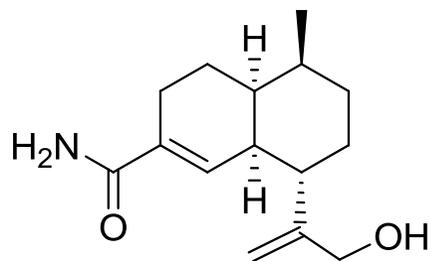
S6 ^{13}C NMR spectrum for compound **2** in $\text{DMSO-}d_6$



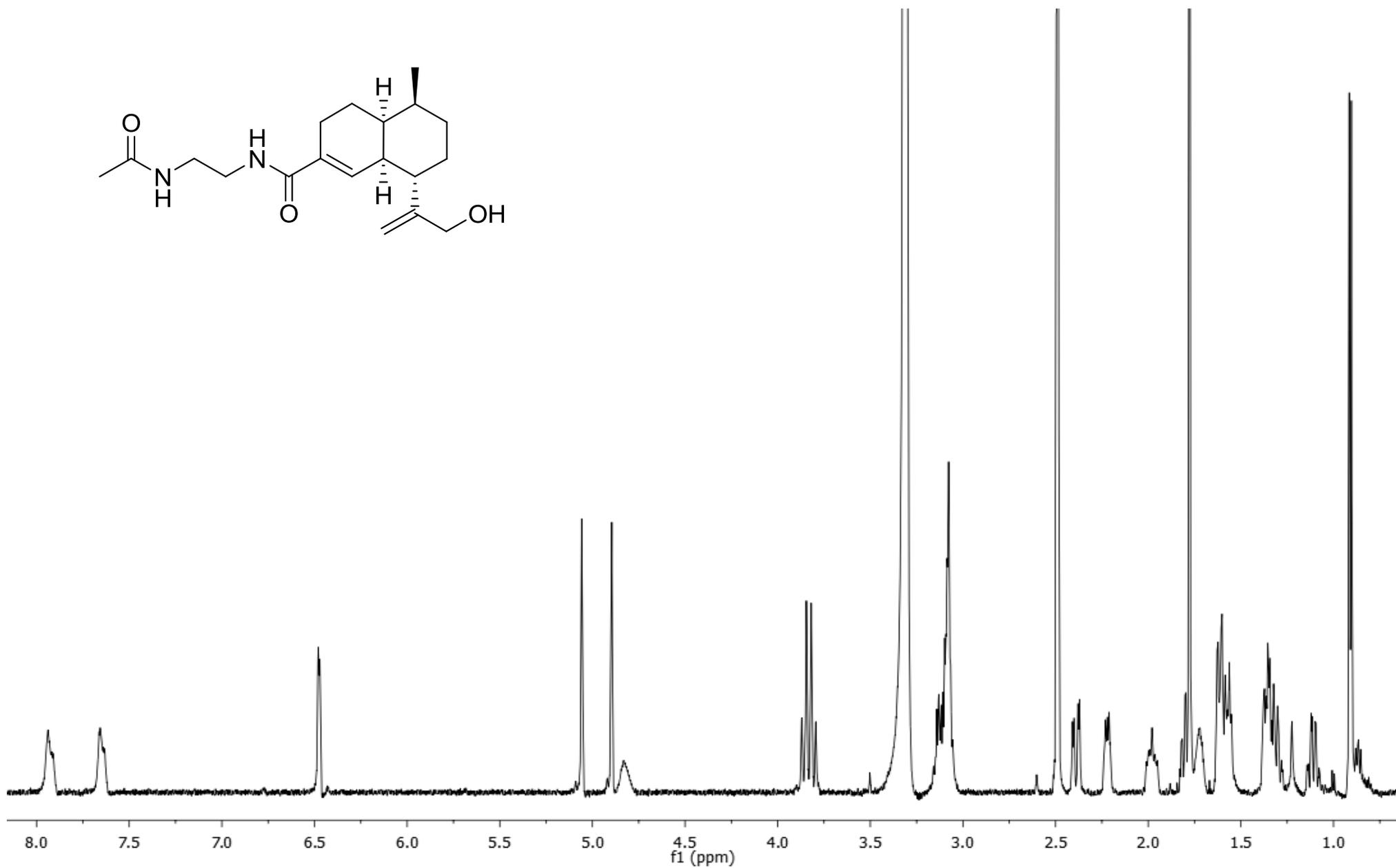
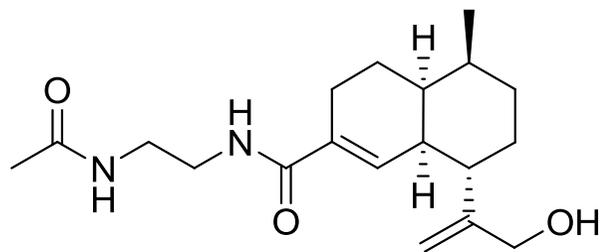
S7 ^1H NMR spectrum for compound **3** in $\text{DMSO-}d_6$



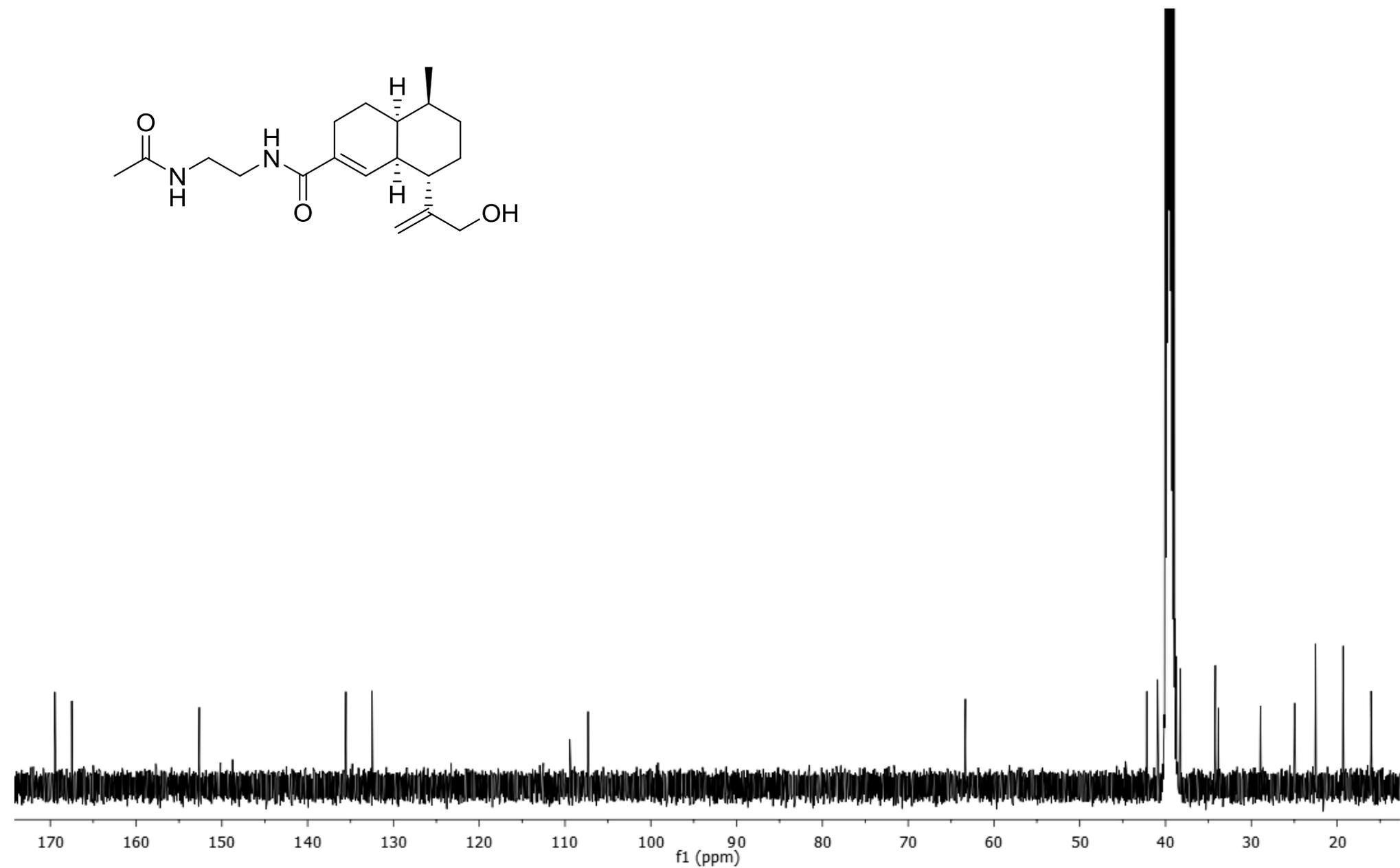
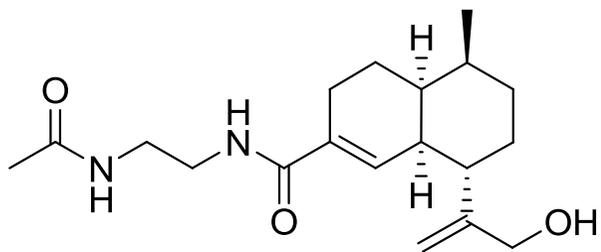
S8 ^{13}C NMR spectrum for compound **3** in $\text{DMSO-}d_6$



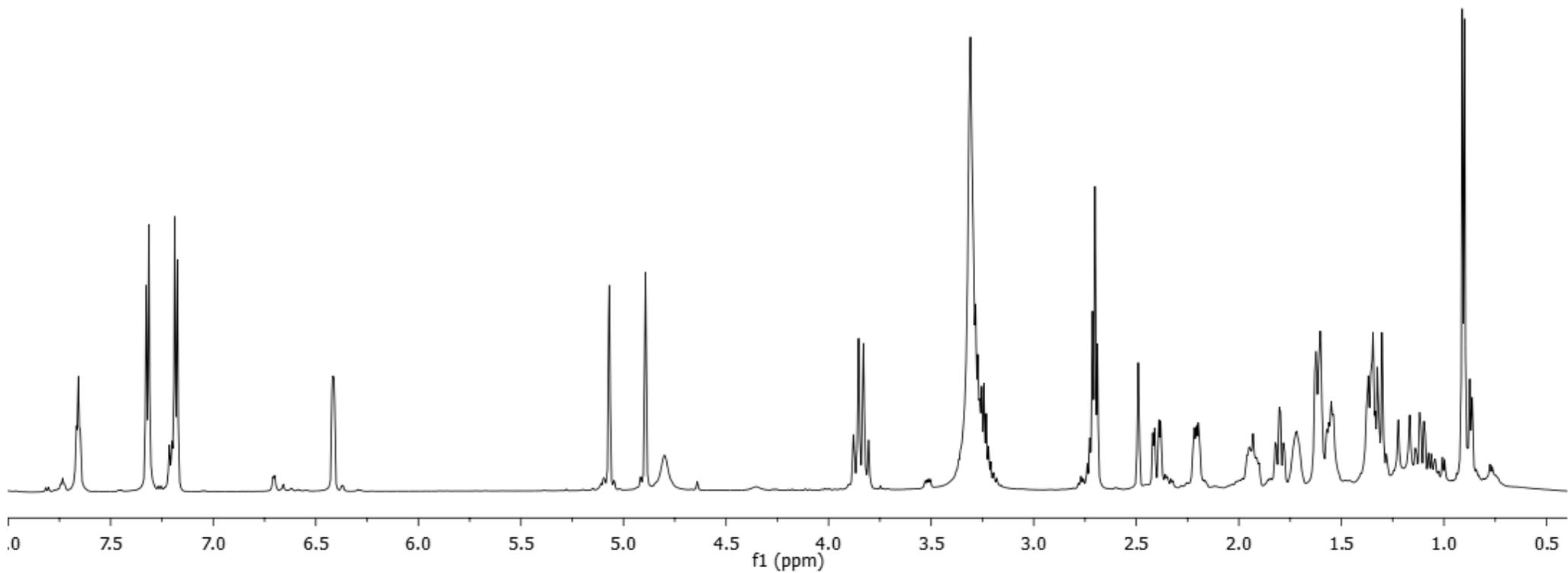
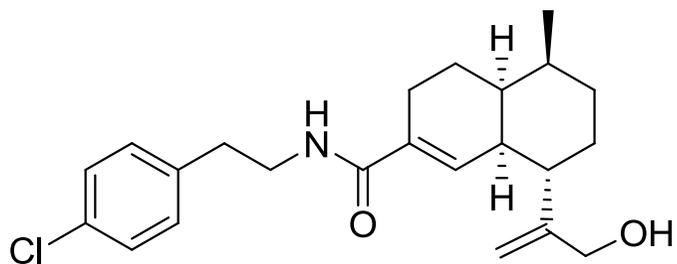
S9 ^1H NMR spectrum for compound **4** in $\text{DMSO-}d_6$



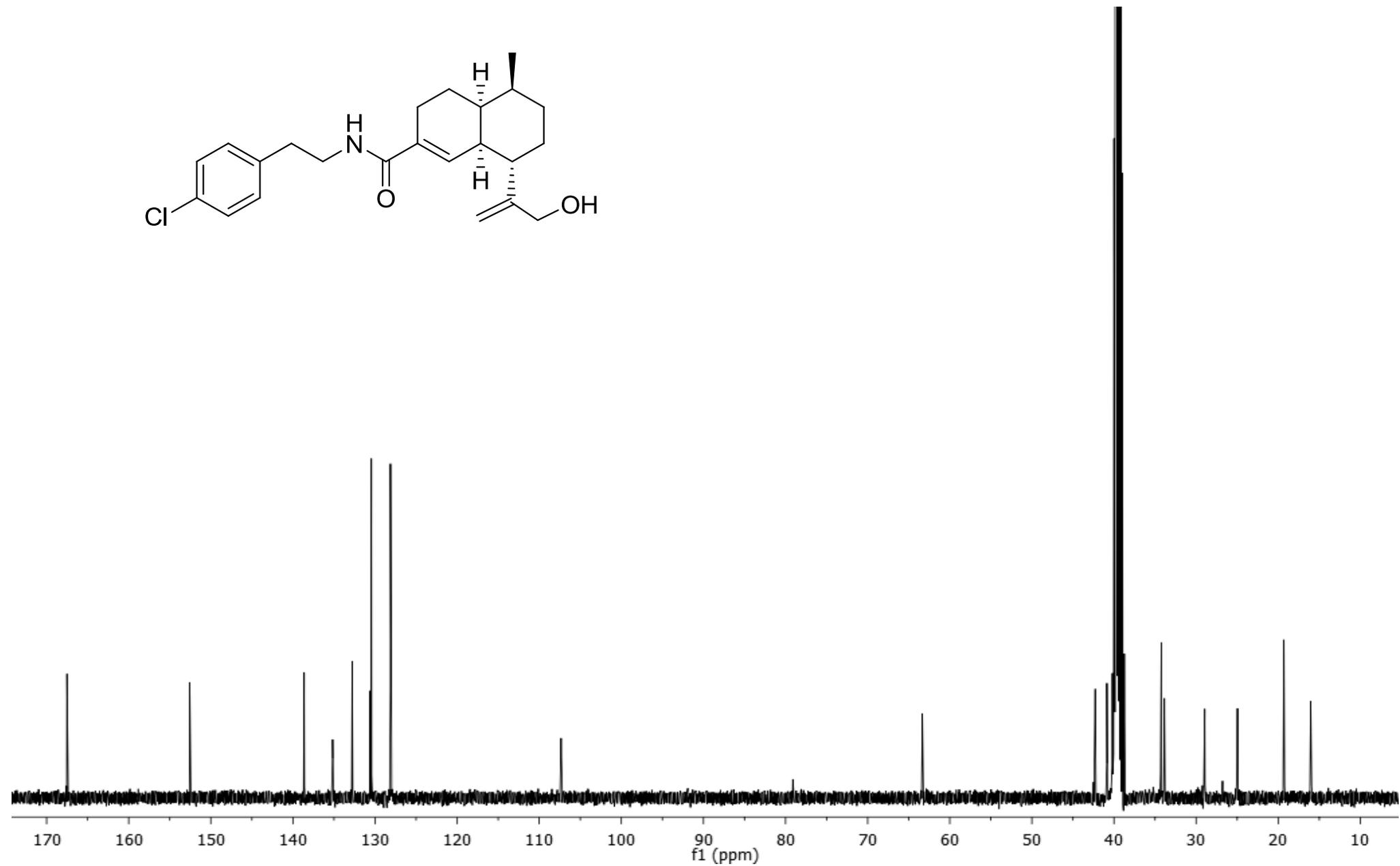
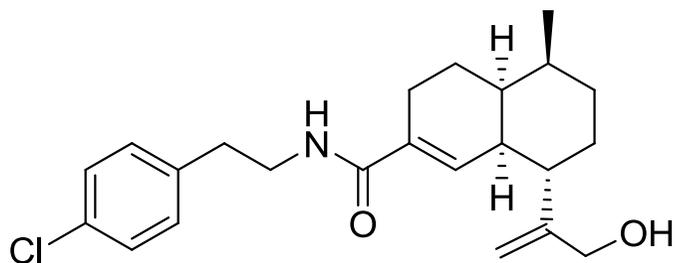
S10 ^{13}C NMR spectrum for compound **4** in $\text{DMSO-}d_6$



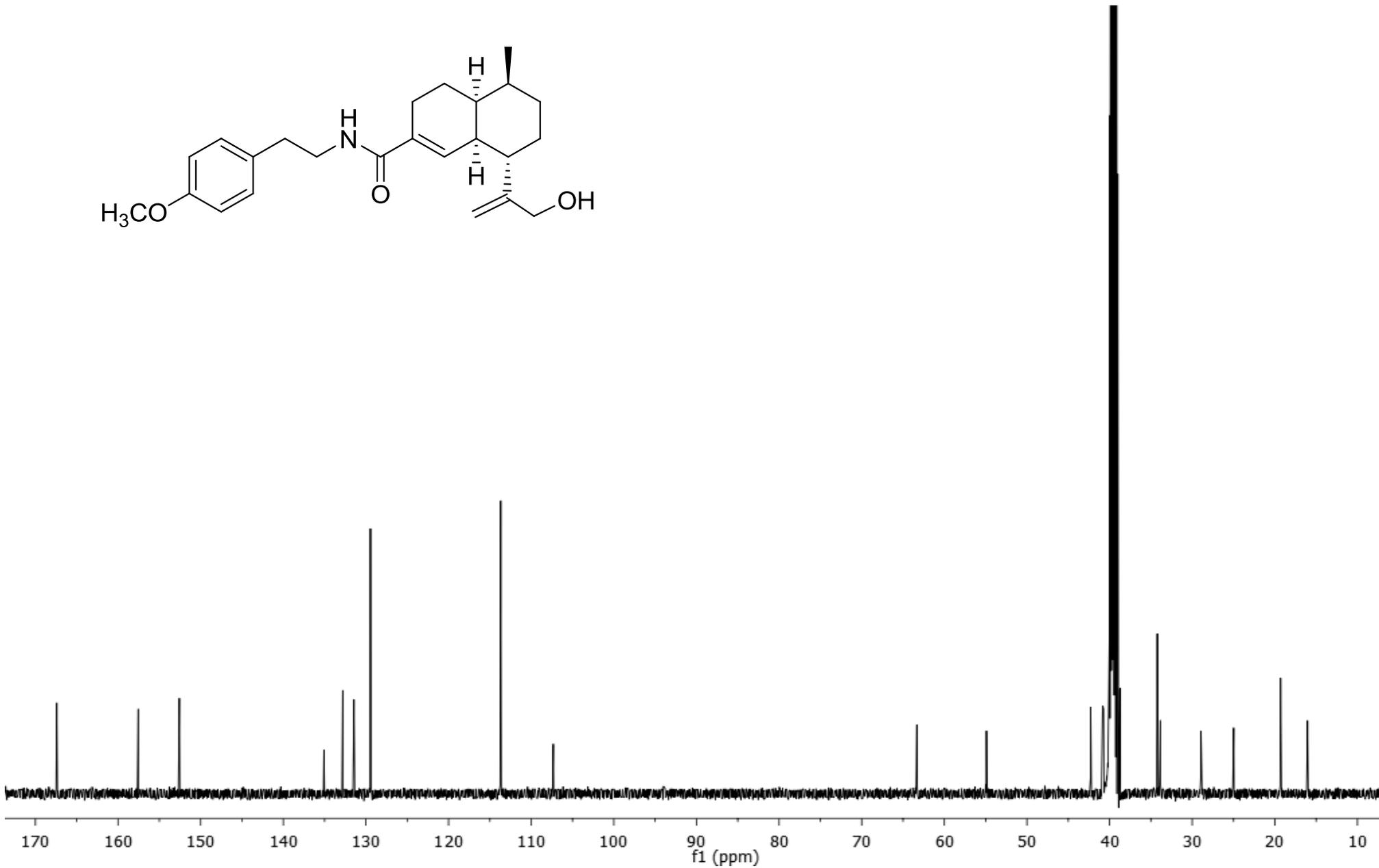
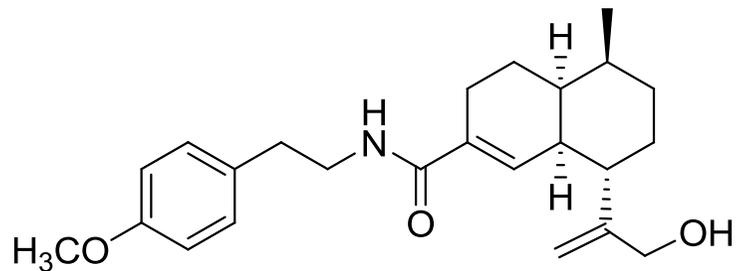
S11 ^1H NMR spectrum for compound **5** in $\text{DMSO-}d_6$



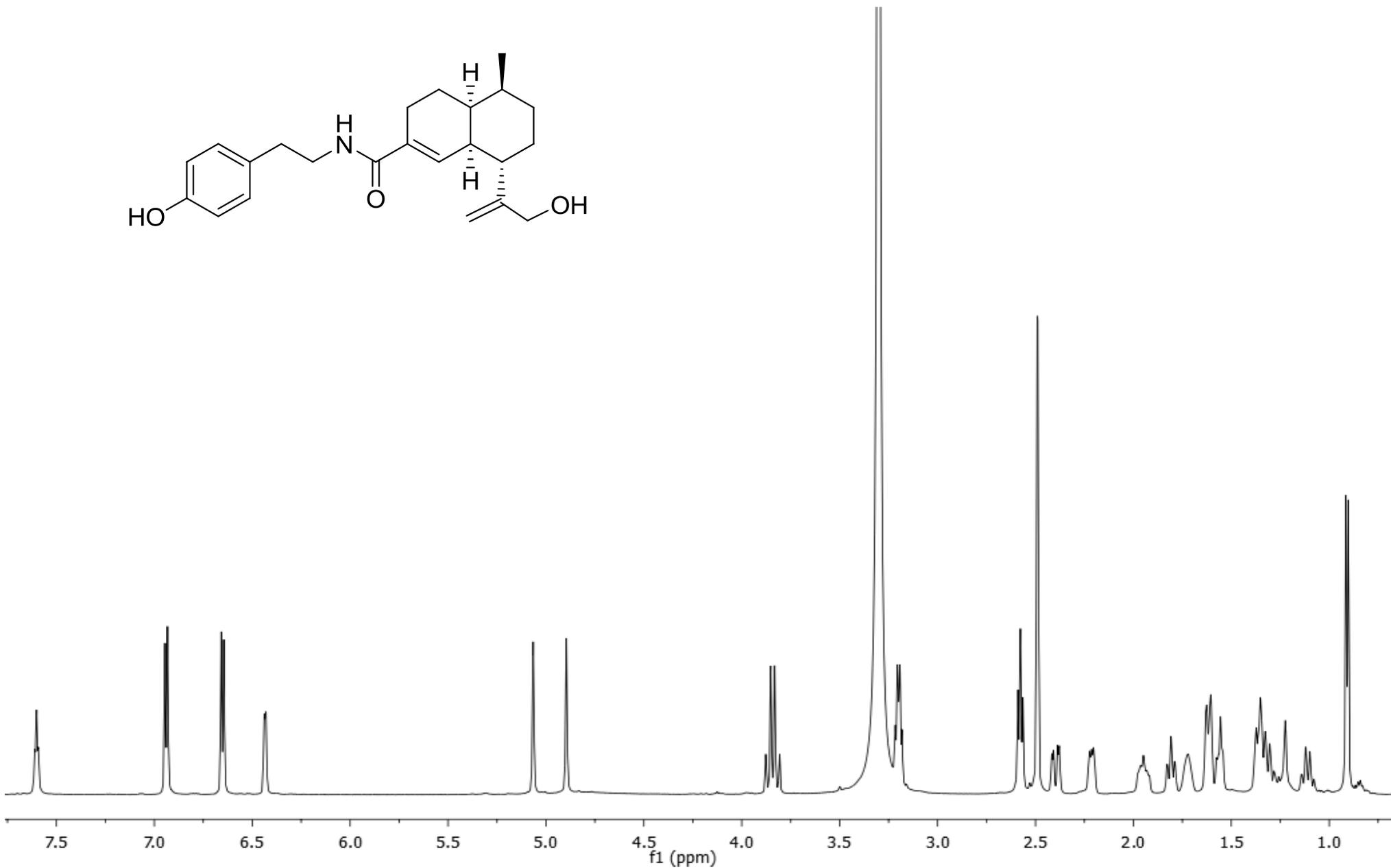
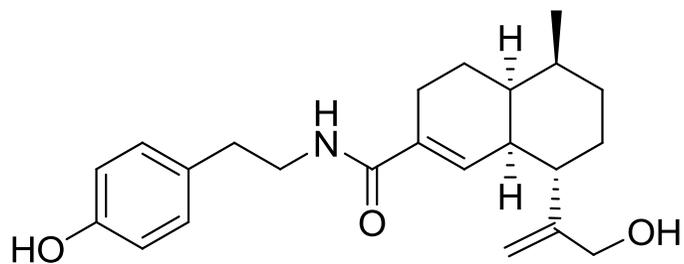
S12 ^{13}C NMR spectrum for compound **5** in $\text{DMSO-}d_6$



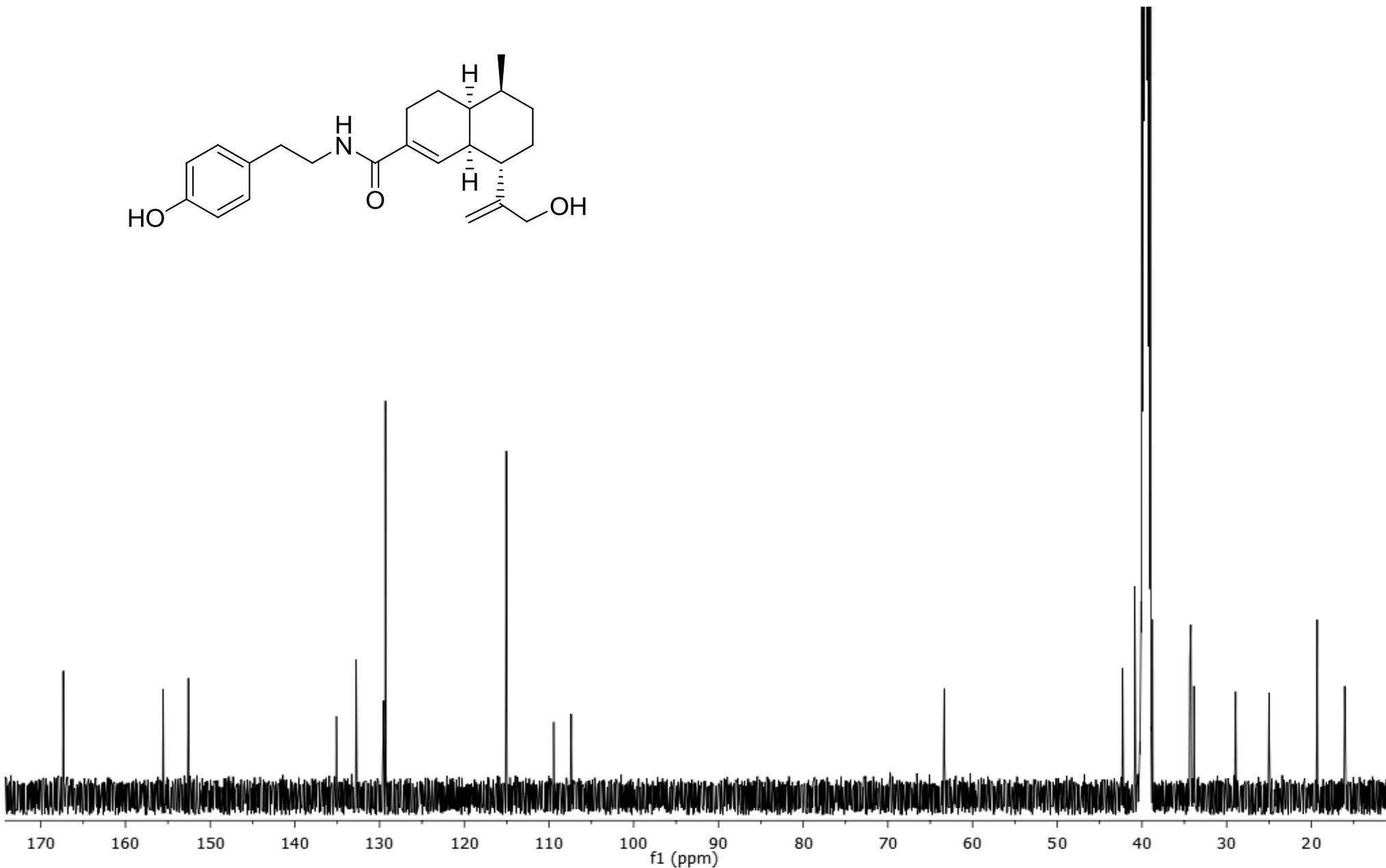
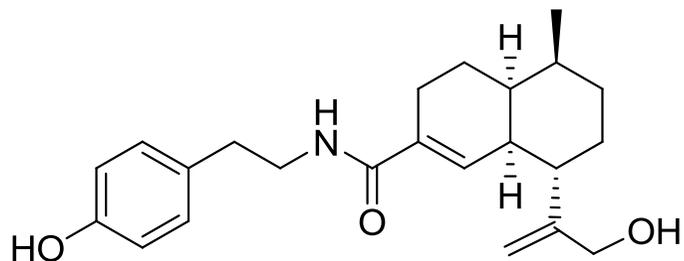
S14 ^{13}C NMR spectrum for compound **6** in $\text{DMSO-}d_6$



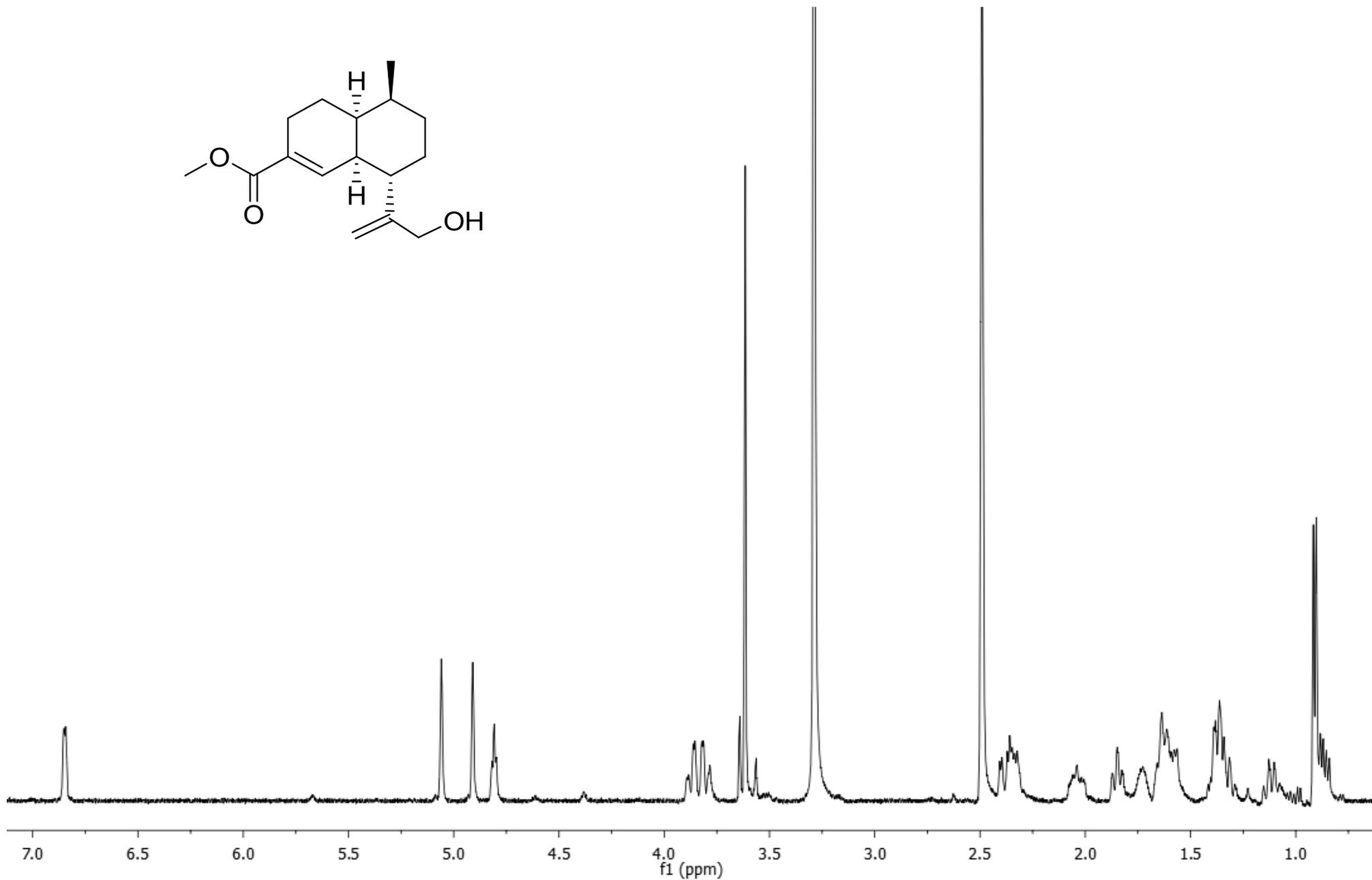
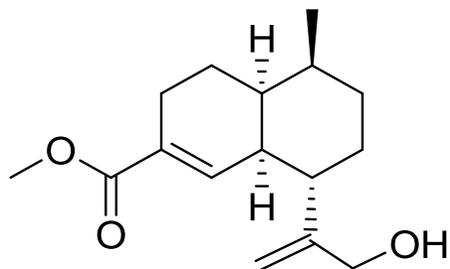
S15 ^1H NMR spectrum for compound **7** in $\text{DMSO-}d_6$



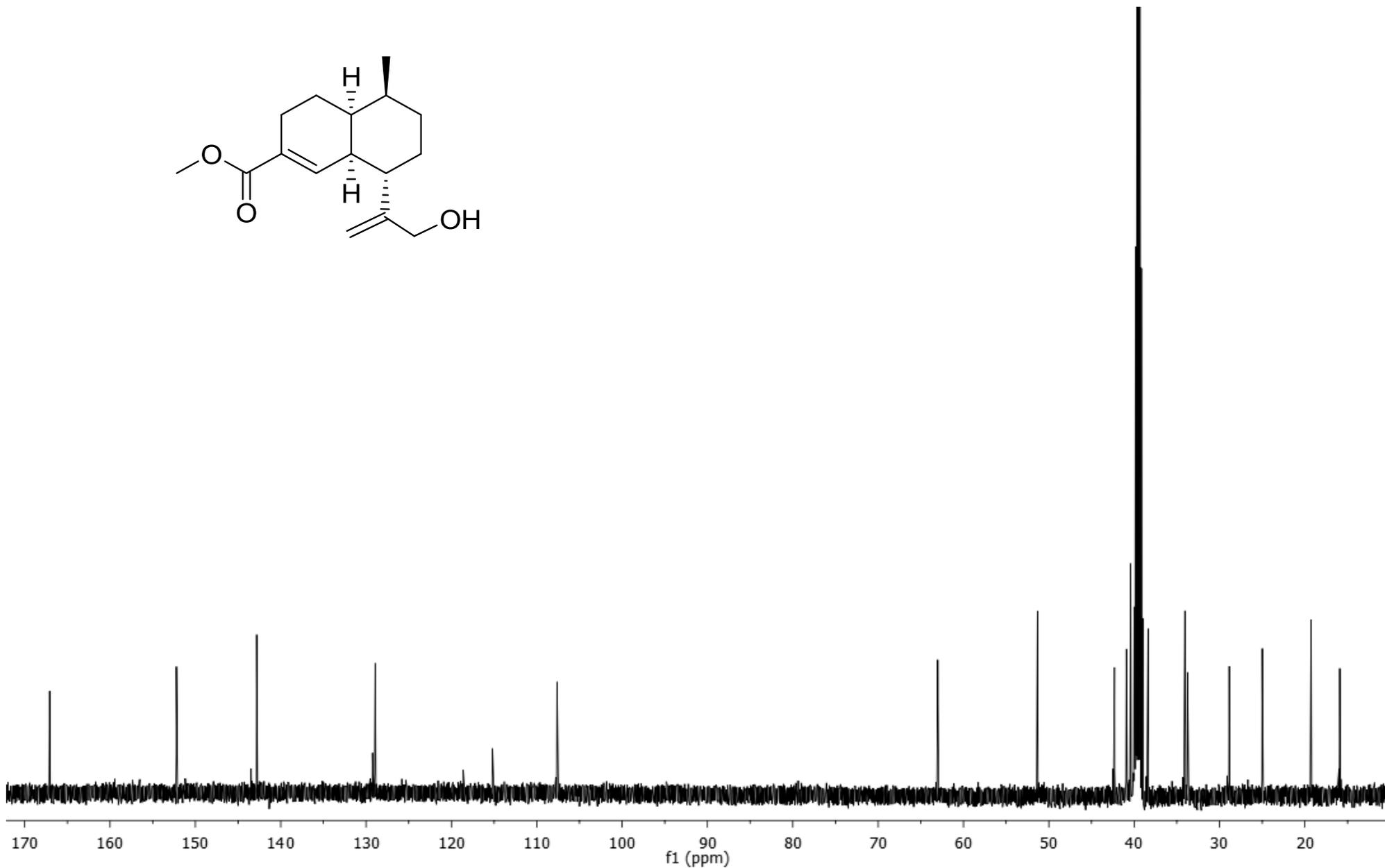
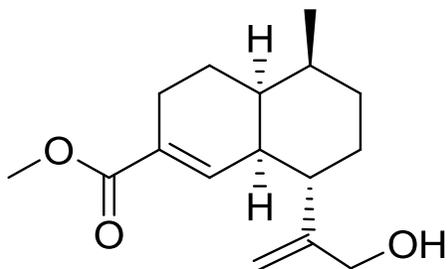
S16 ^{13}C NMR spectrum for compound **7** in $\text{DMSO-}d_6$



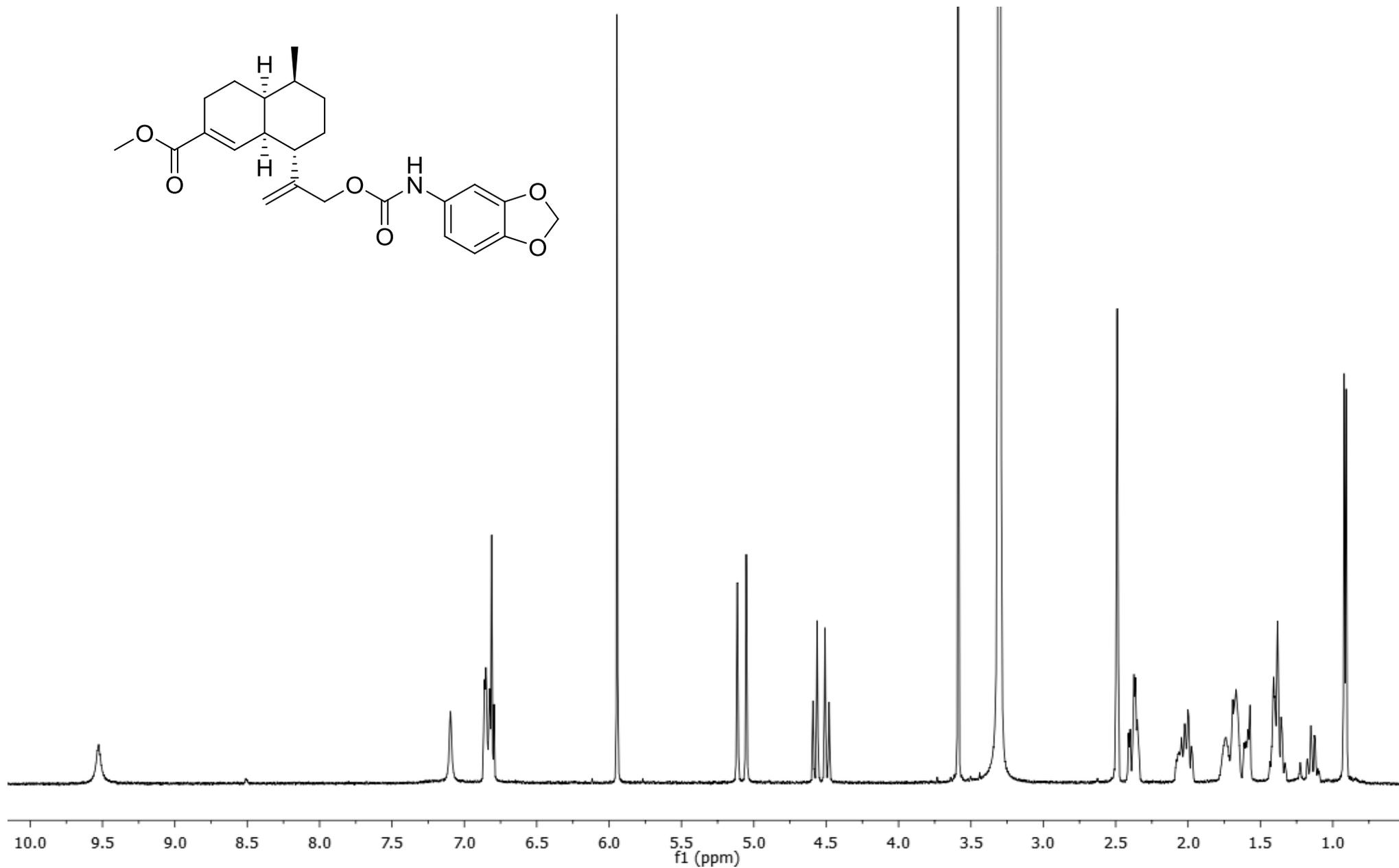
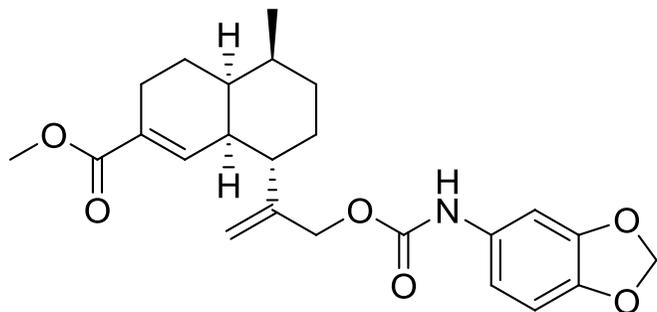
S17 ^1H NMR spectrum for compound **8** in $\text{DMSO-}d_6$



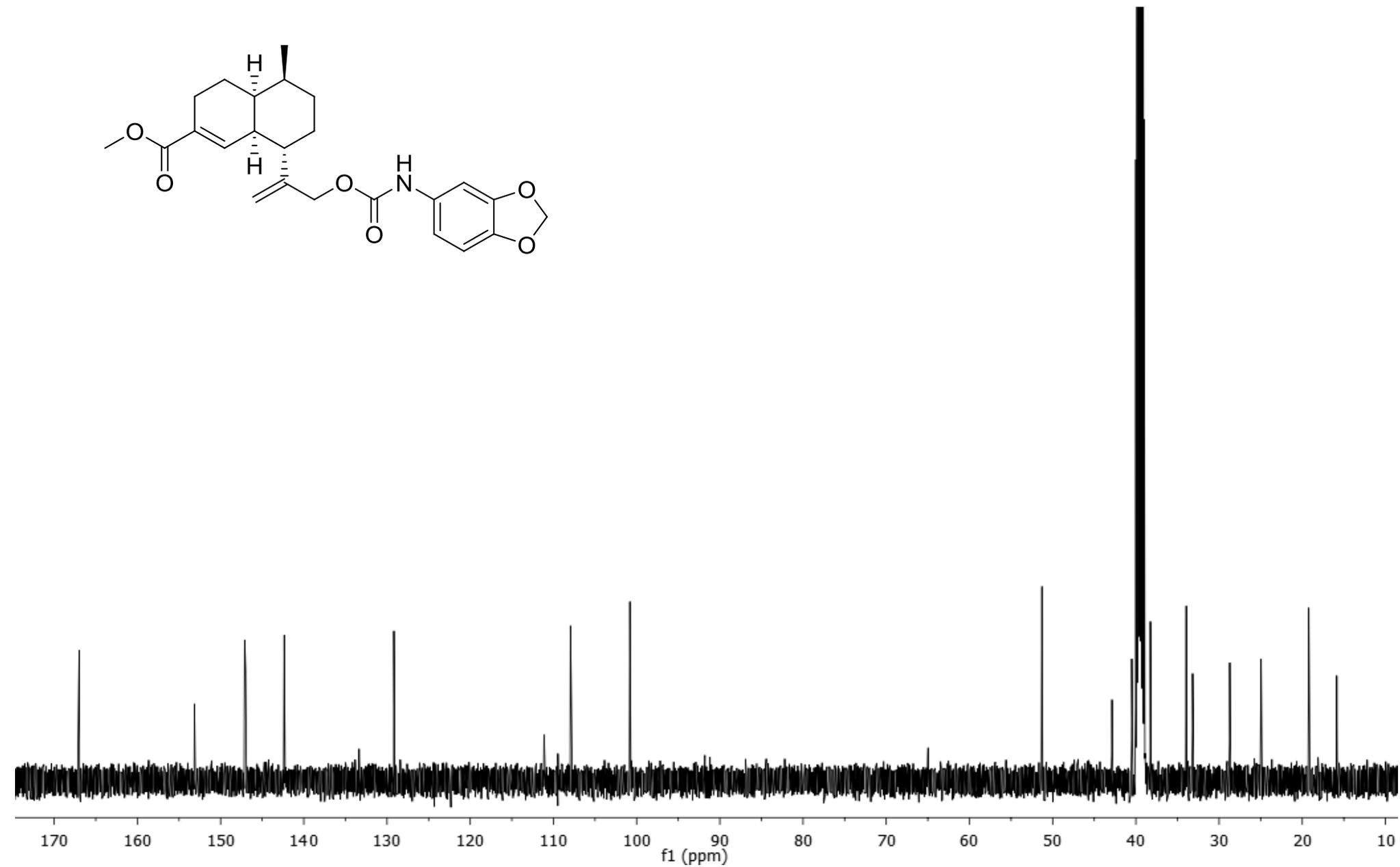
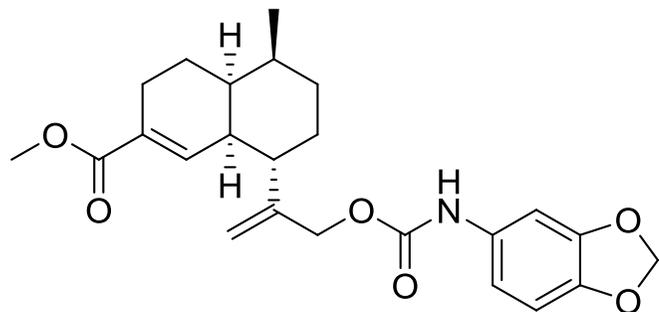
S18 ^{13}C NMR spectrum for compound **8** in $\text{DMSO-}d_6$



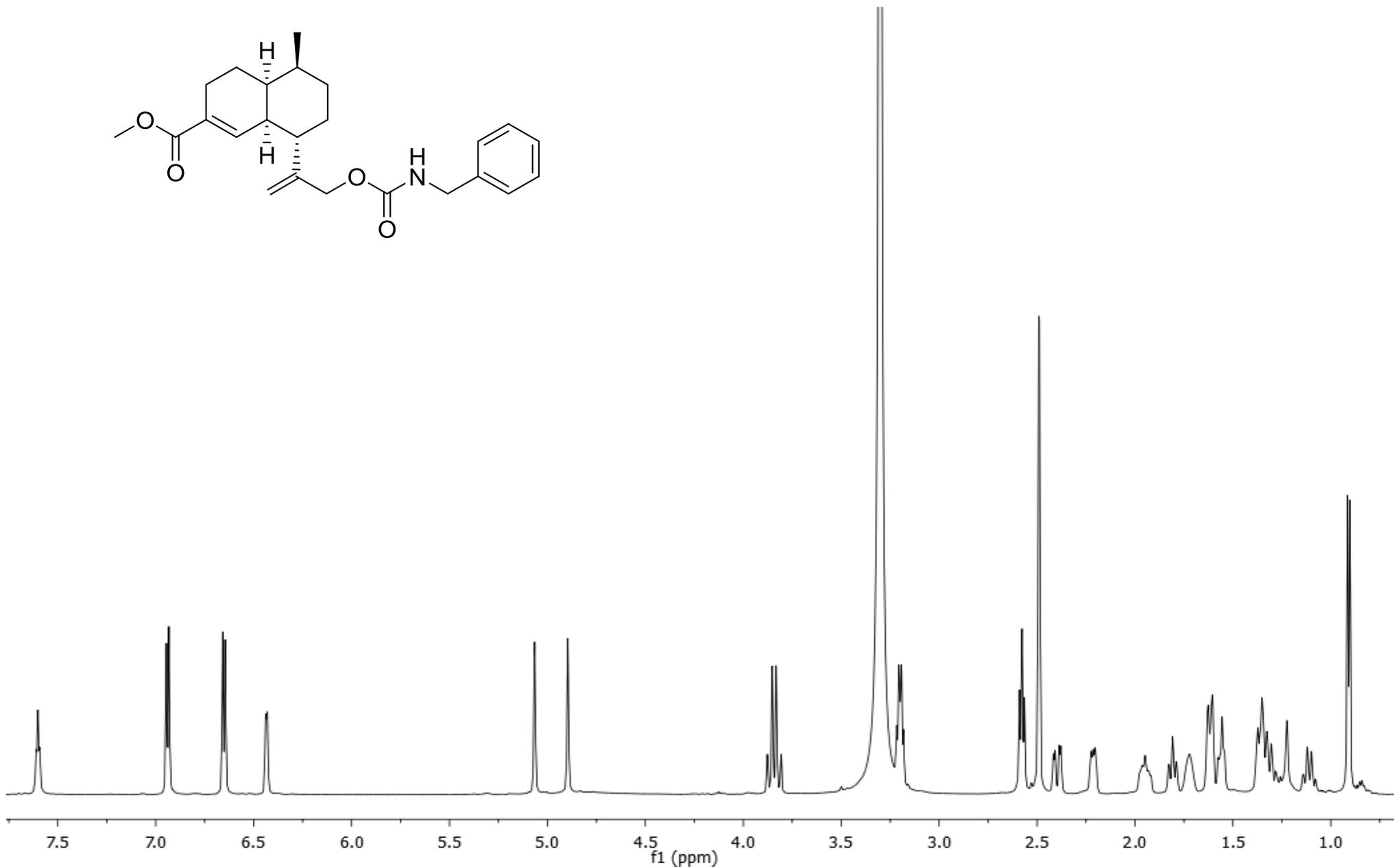
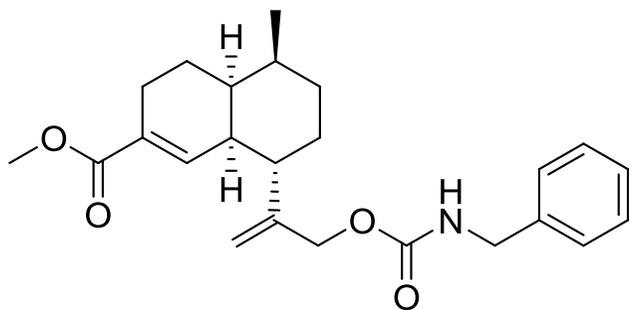
S19 ^1H NMR spectrum for compound **9** in $\text{DMSO-}d_6$



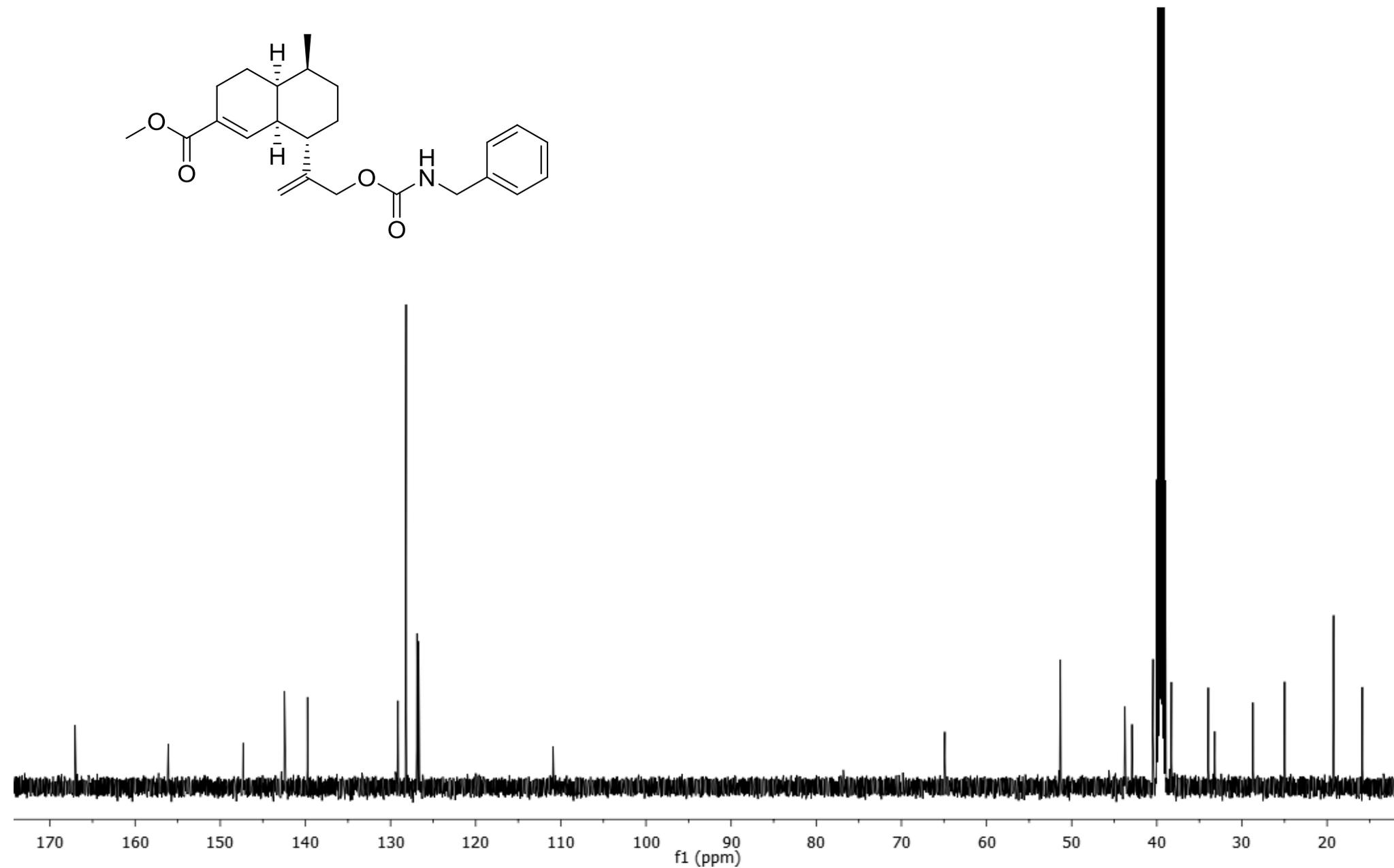
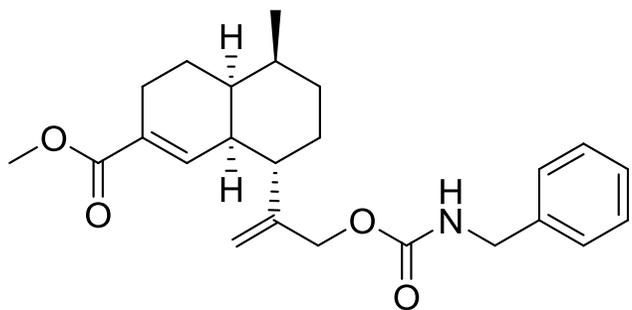
S20 ^{13}C NMR spectrum for compound **9** in $\text{DMSO-}d_6$



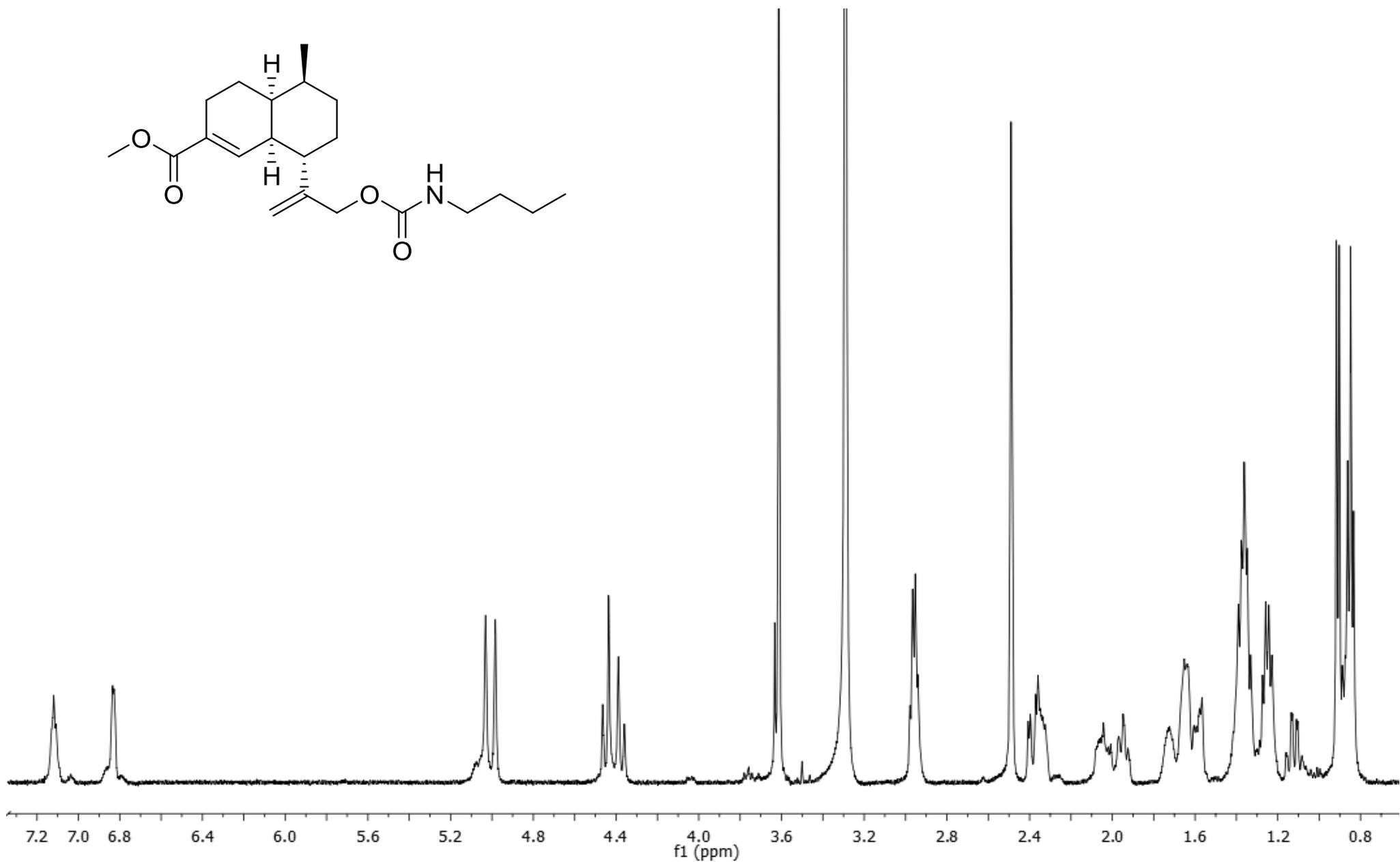
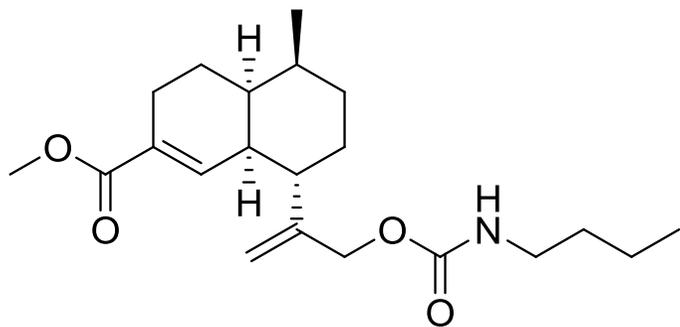
S21 ^1H NMR spectrum for compound **10** in $\text{DMSO-}d_6$



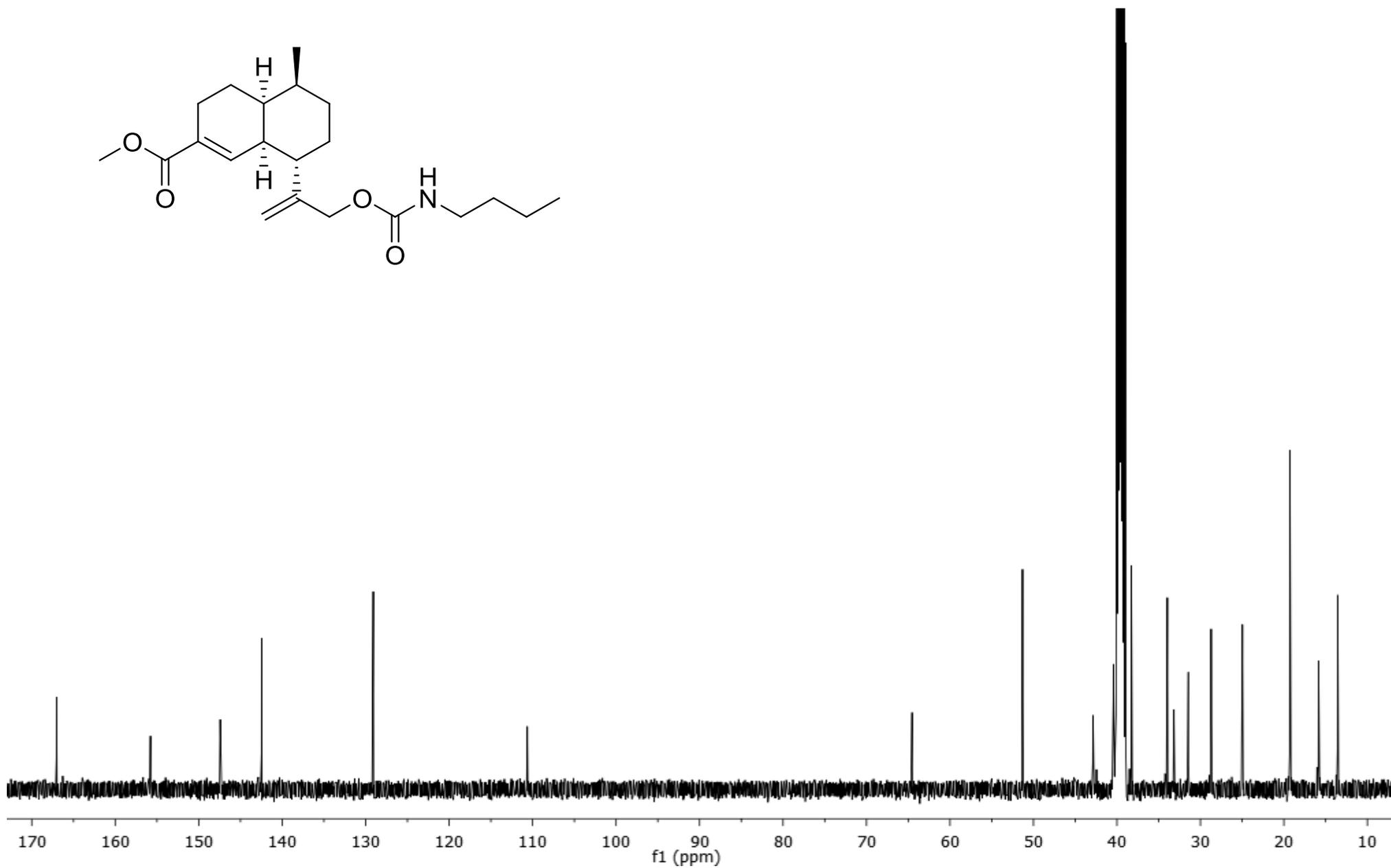
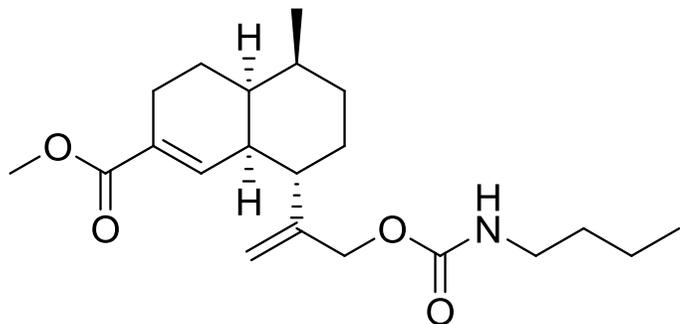
S22 ^{13}C NMR spectrum for compound **10** in $\text{DMSO-}d_6$



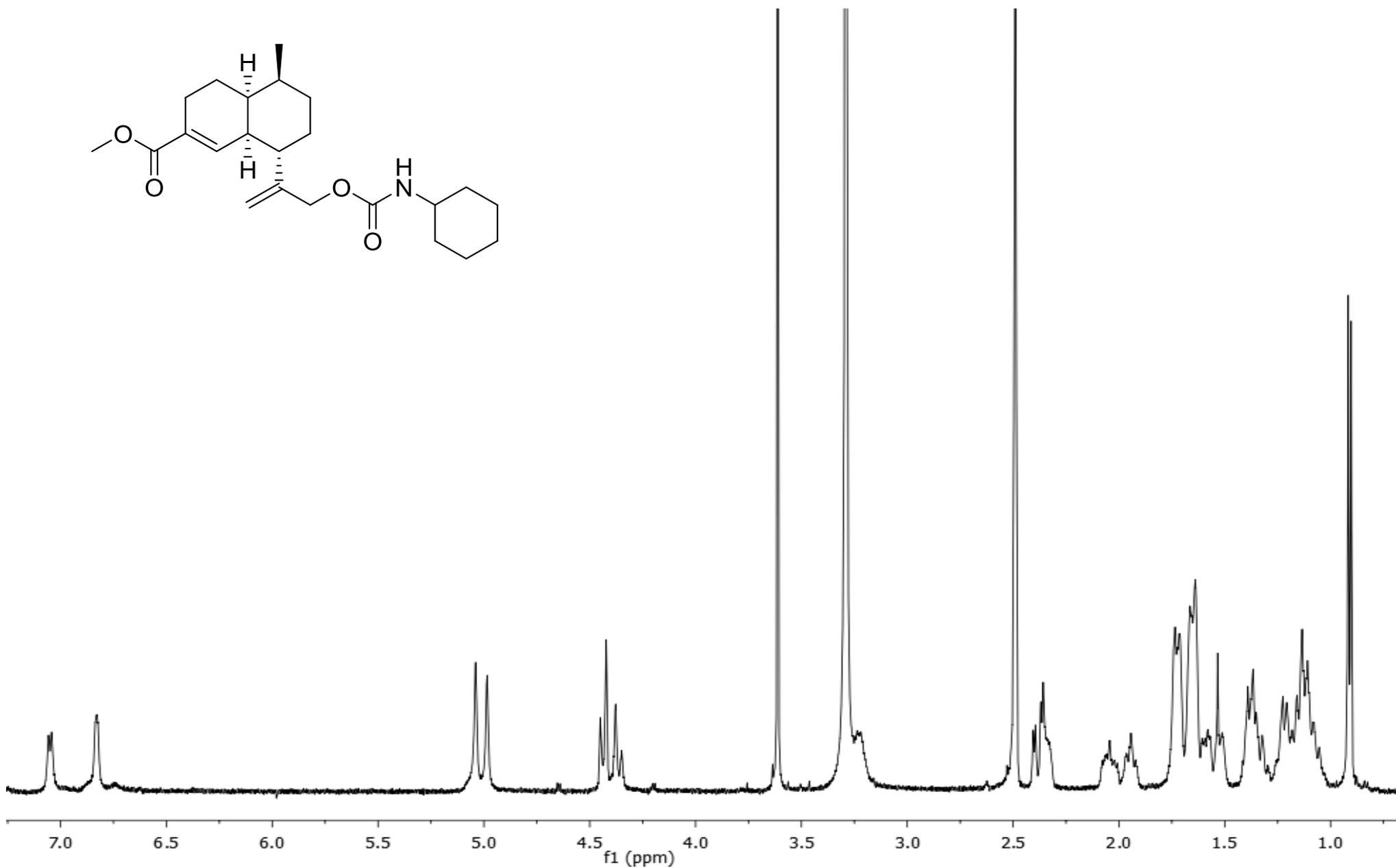
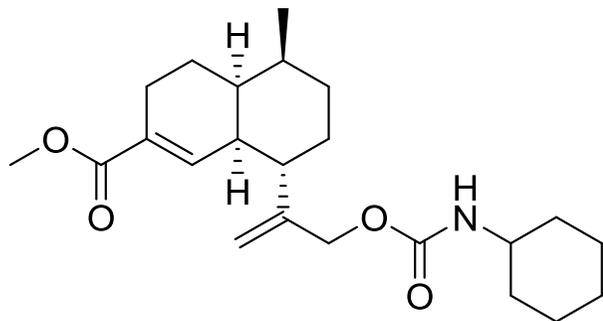
S23 ^1H NMR spectrum for compound **11** in $\text{DMSO-}d_6$



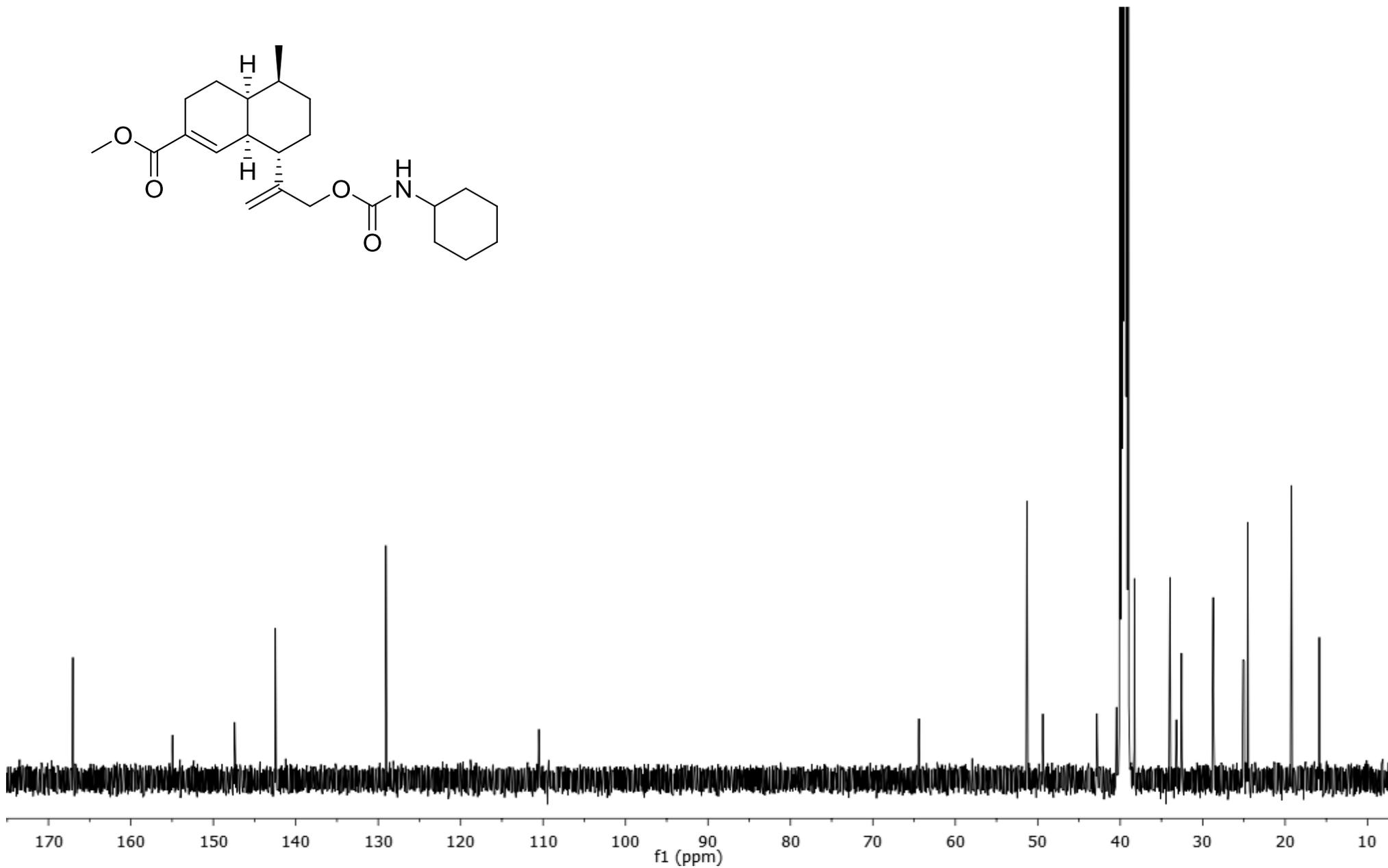
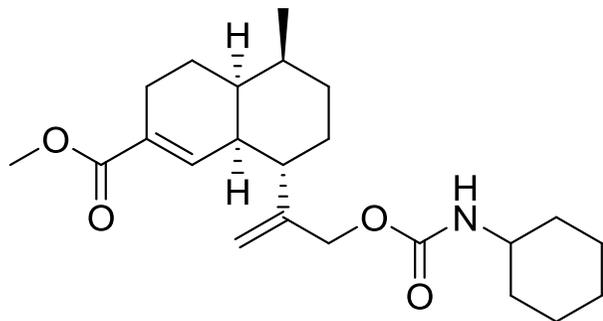
S24 ^{13}C NMR spectrum for compound **11** in $\text{DMSO-}d_6$



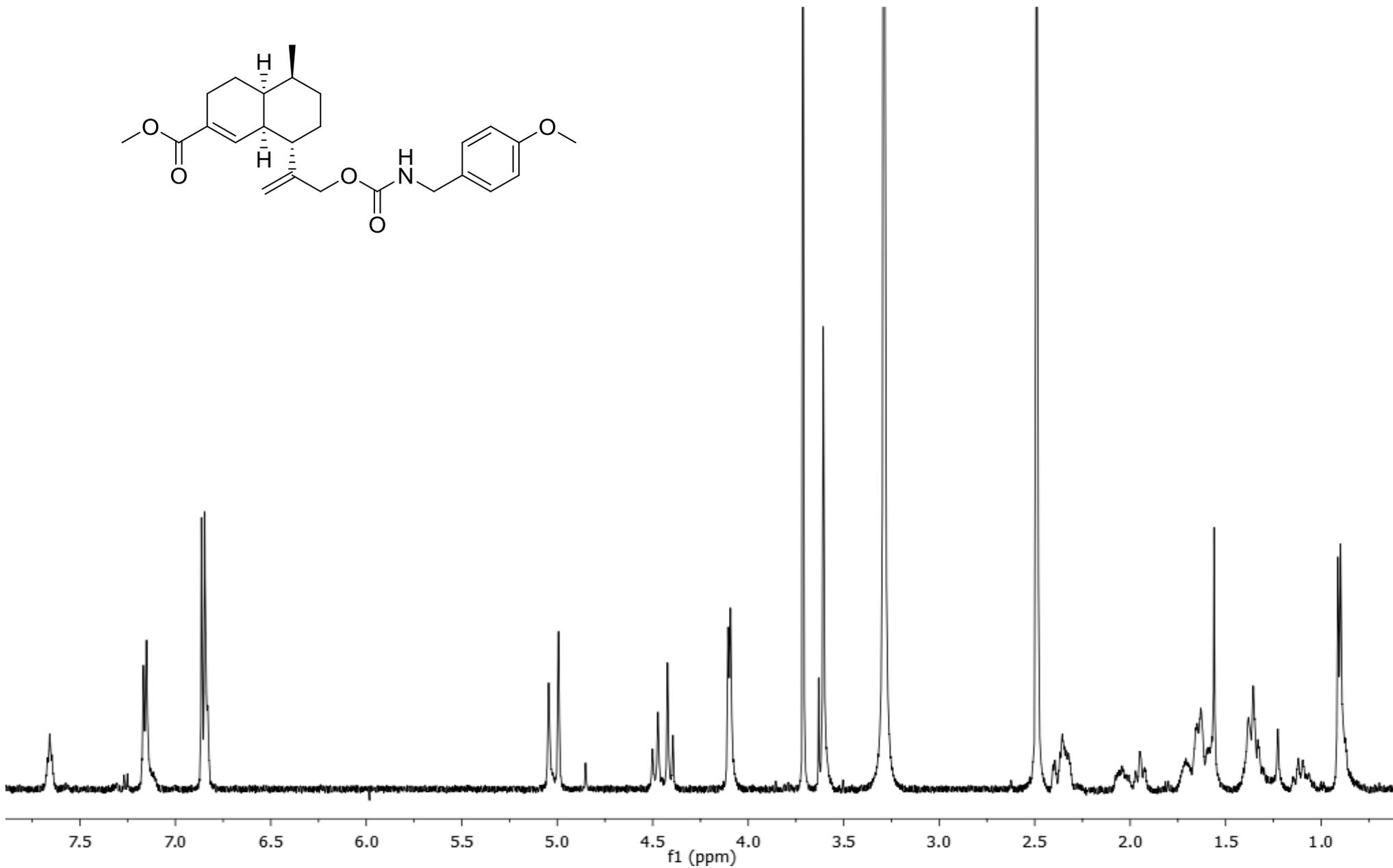
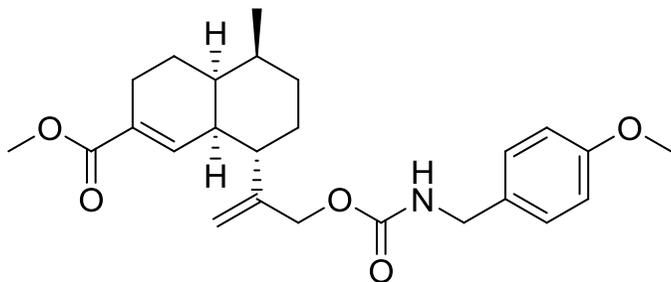
S25 ^1H NMR spectrum for compound **12** in $\text{DMSO-}d_6$



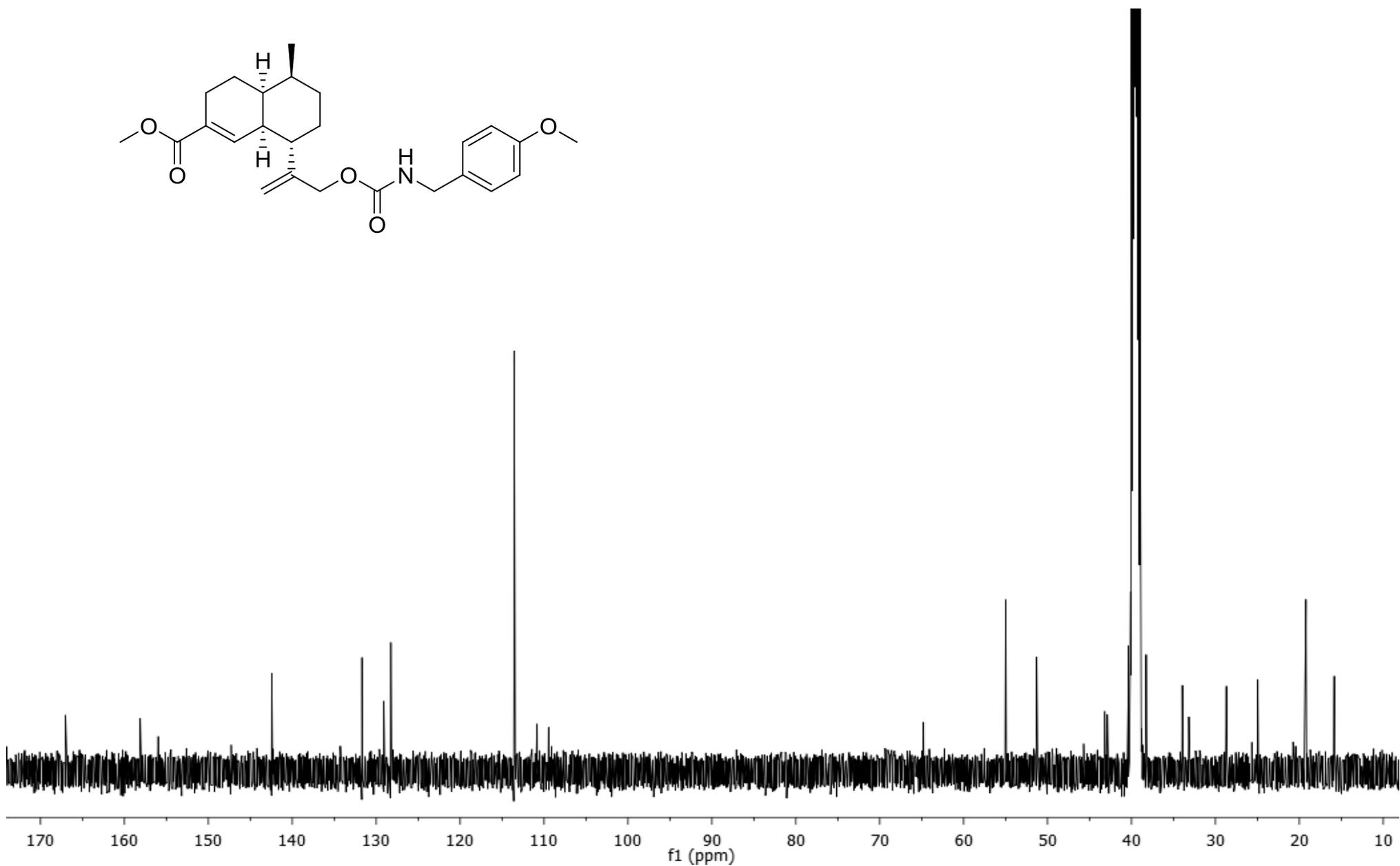
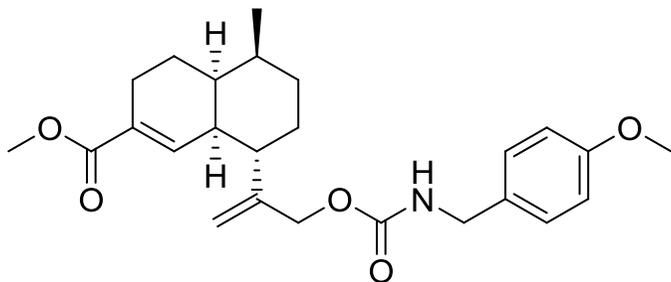
S26 ^{13}C NMR spectrum for compound **12** in $\text{DMSO-}d_6$



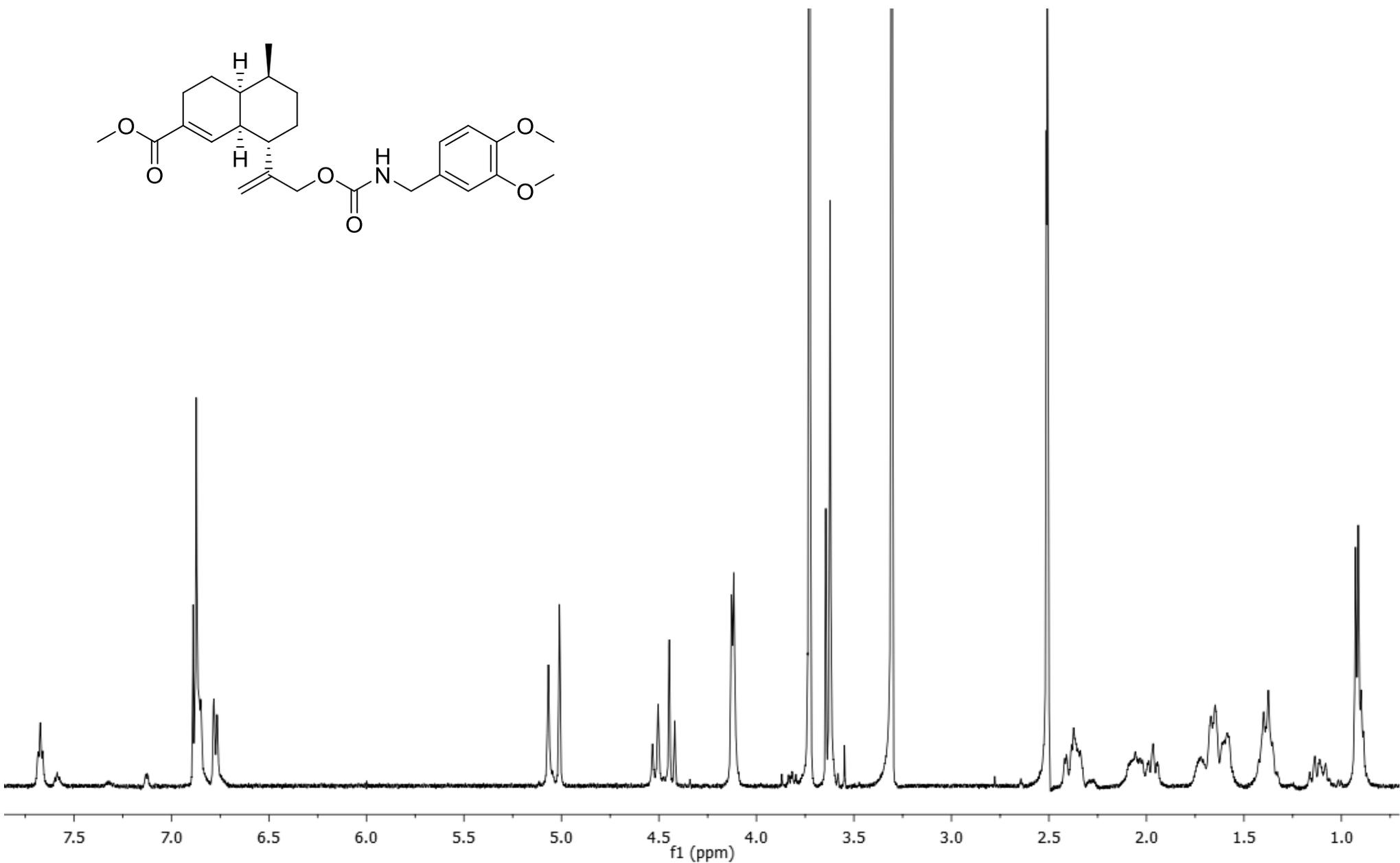
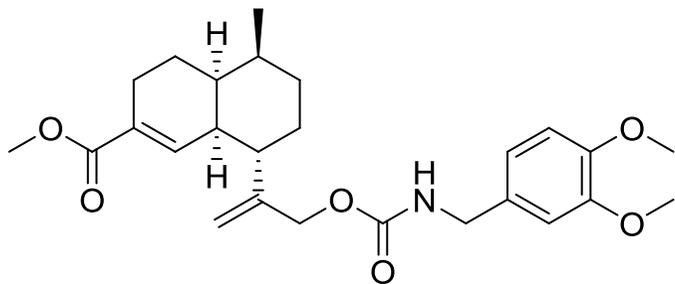
S27 ^1H NMR spectrum for compound **13** in $\text{DMSO-}d_6$



S28 ^{13}C NMR spectrum for compound **13** in $\text{DMSO-}d_6$



S29 ^1H NMR spectrum for compound **14** in $\text{DMSO-}d_6$



S30 ^{13}C NMR spectrum for compound **14** in $\text{DMSO-}d_6$

