

Electronic Supplementary Information

Design, synthesis and biological evaluation of novel 2,4-diaminopyrimidine derivatives as potent antitumor agents

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Ping Gong*

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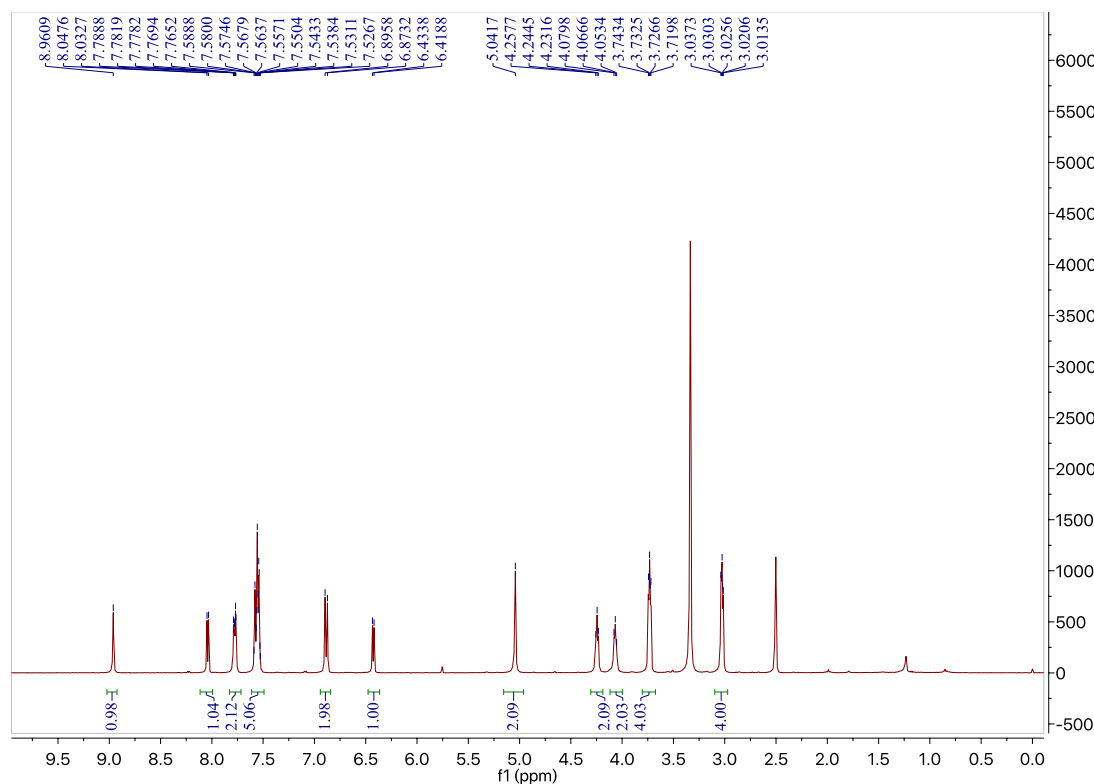


Fig. 1-1 ¹H NMR spectrum of compound 9a

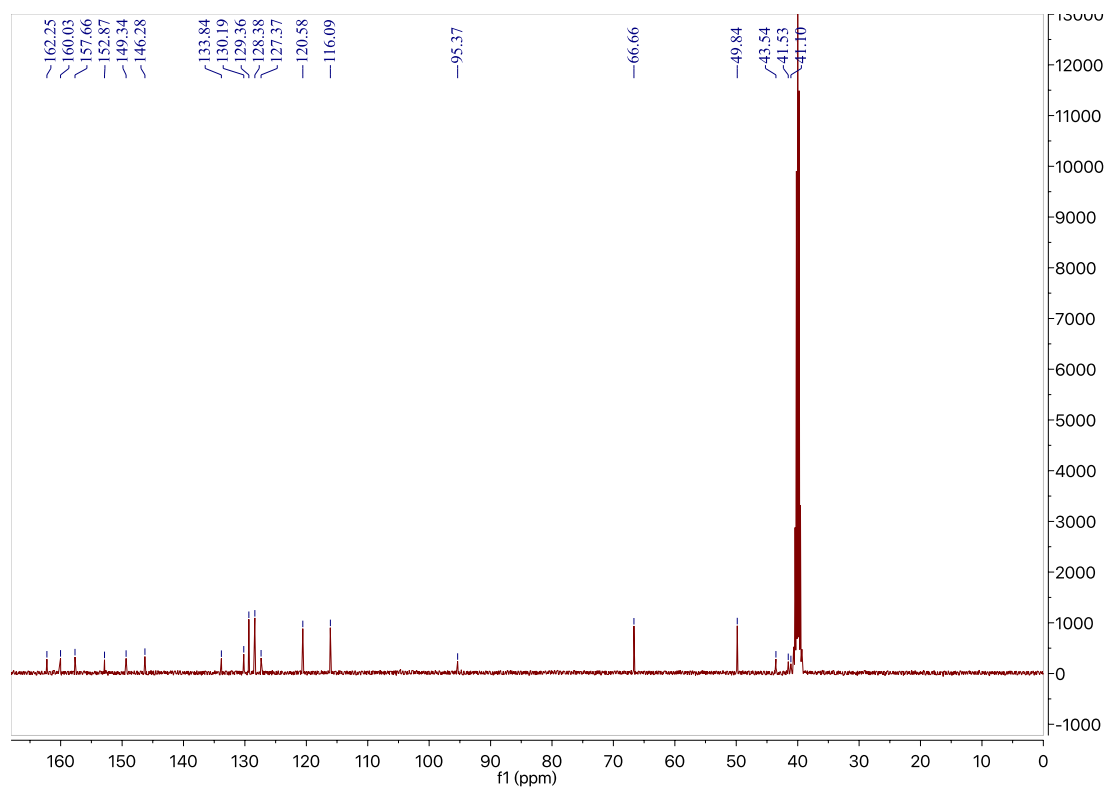


Fig. 1-2 ¹³C NMR spectrum of compound 9a

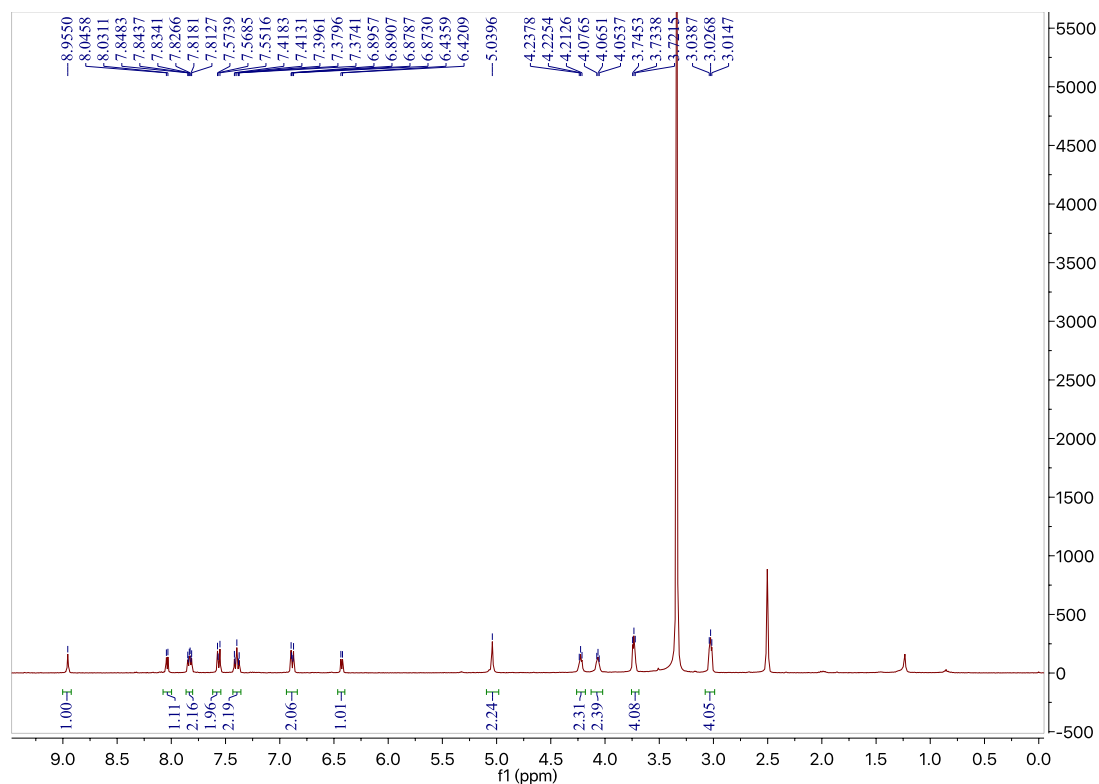


Fig. 2-1 ^1H NMR spectrum of compound 9b

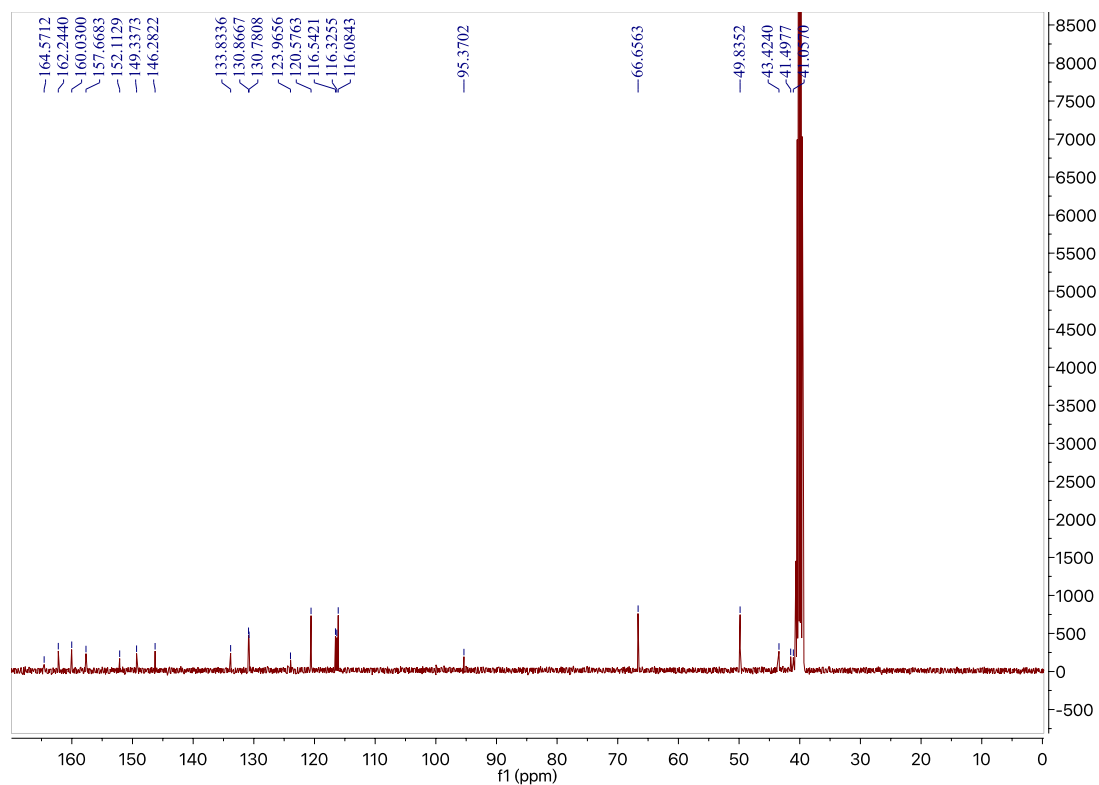


Fig. 2-2 ^{13}C NMR spectrum of compound 9b

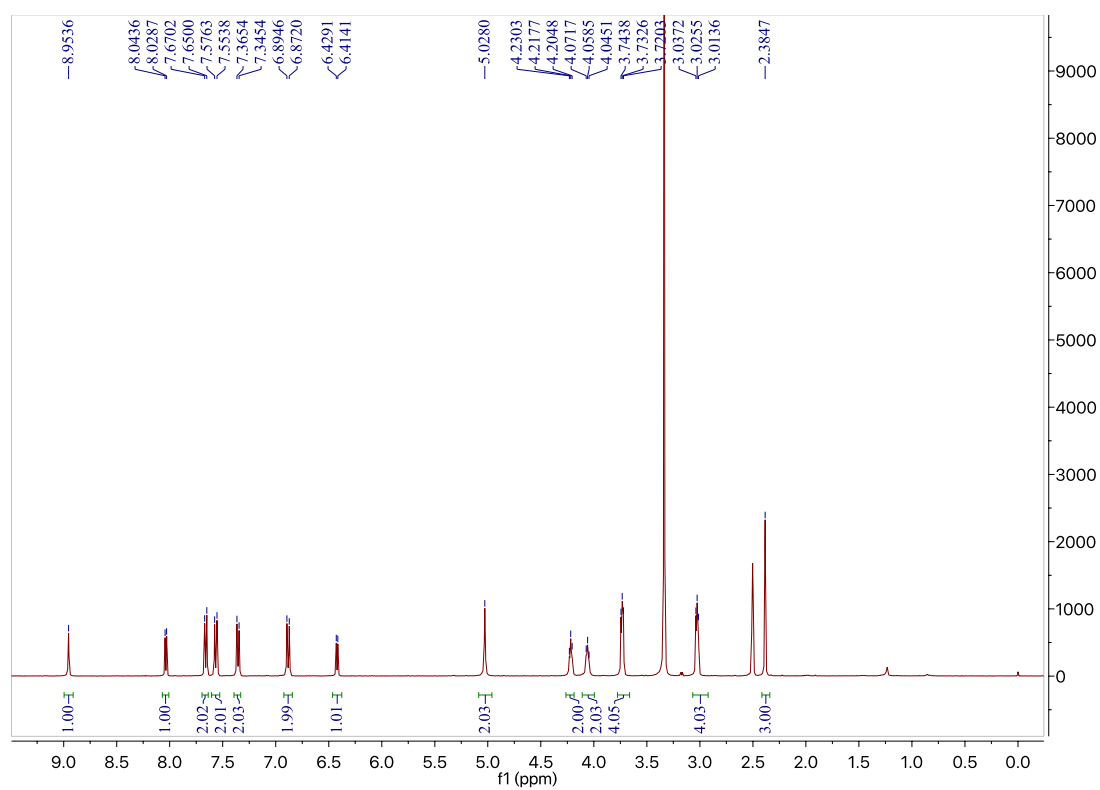


Fig. 3-1 ¹H NMR spectrum of compound 9c

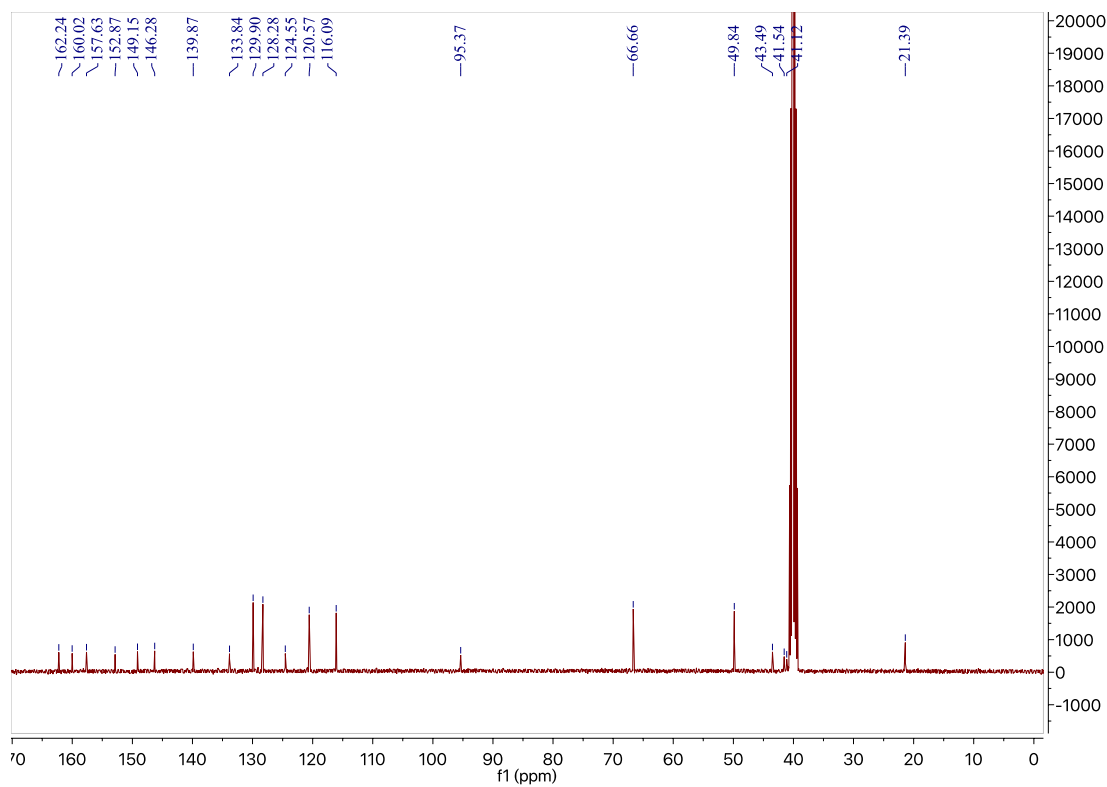


Fig. 3-2 ¹³C NMR spectrum of compound 9c

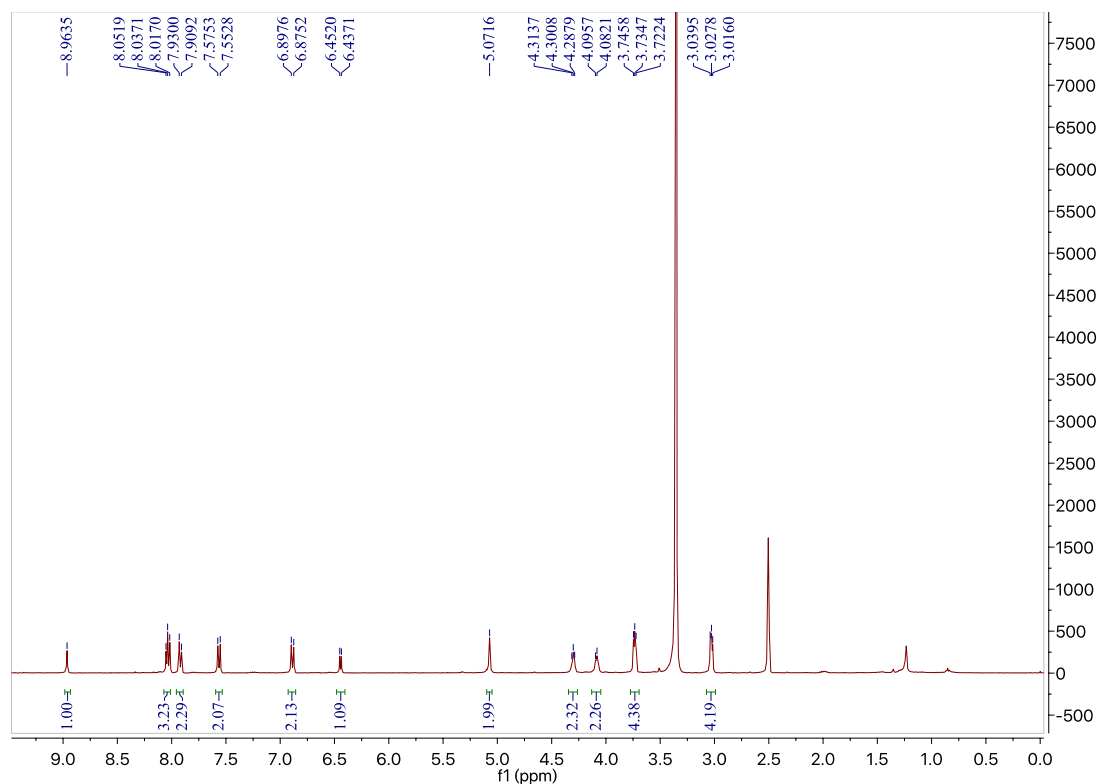


Fig. 4-1 ¹H NMR spectrum of compound 9d

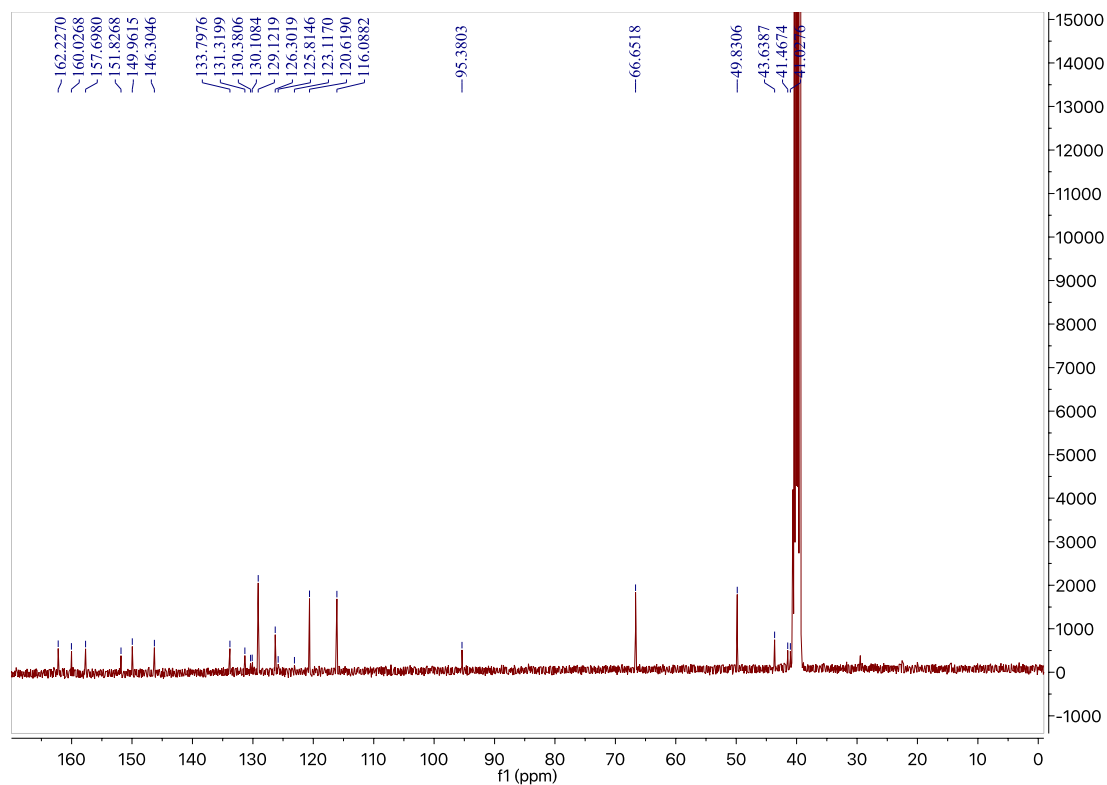


Fig. 4-2 ¹³C NMR spectrum of compound 9d

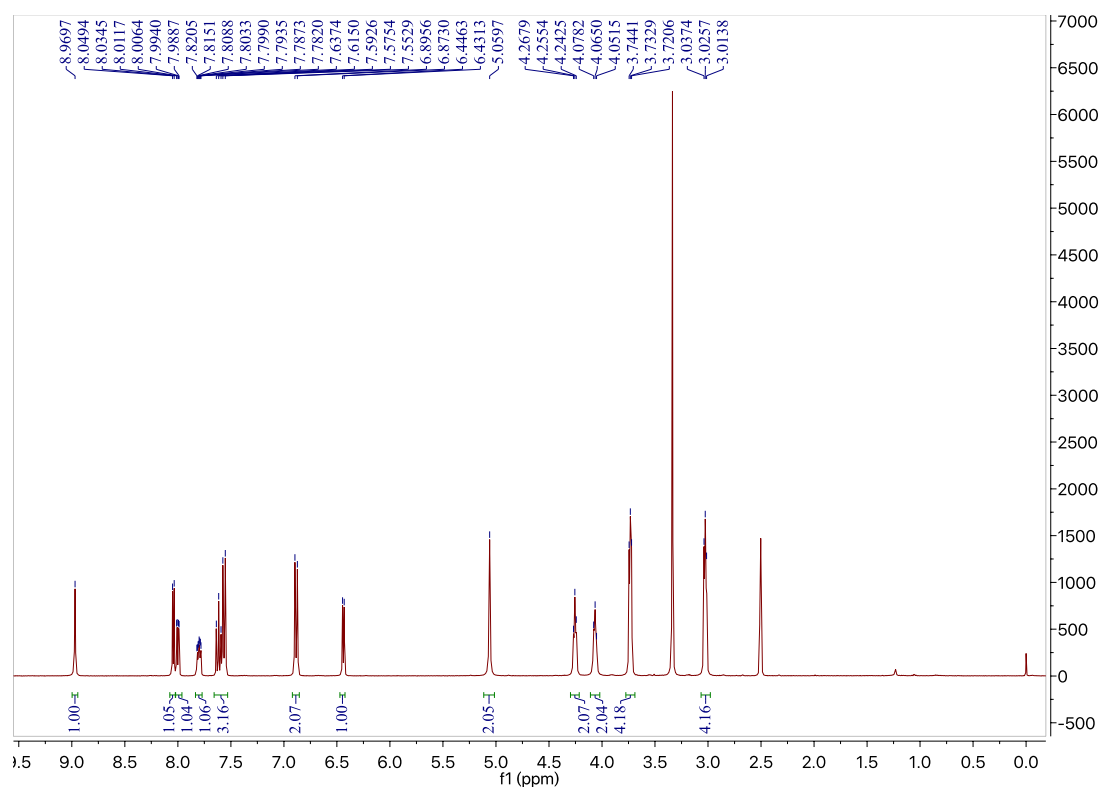


Fig. 5-1 ¹H NMR spectrum of compound 9e

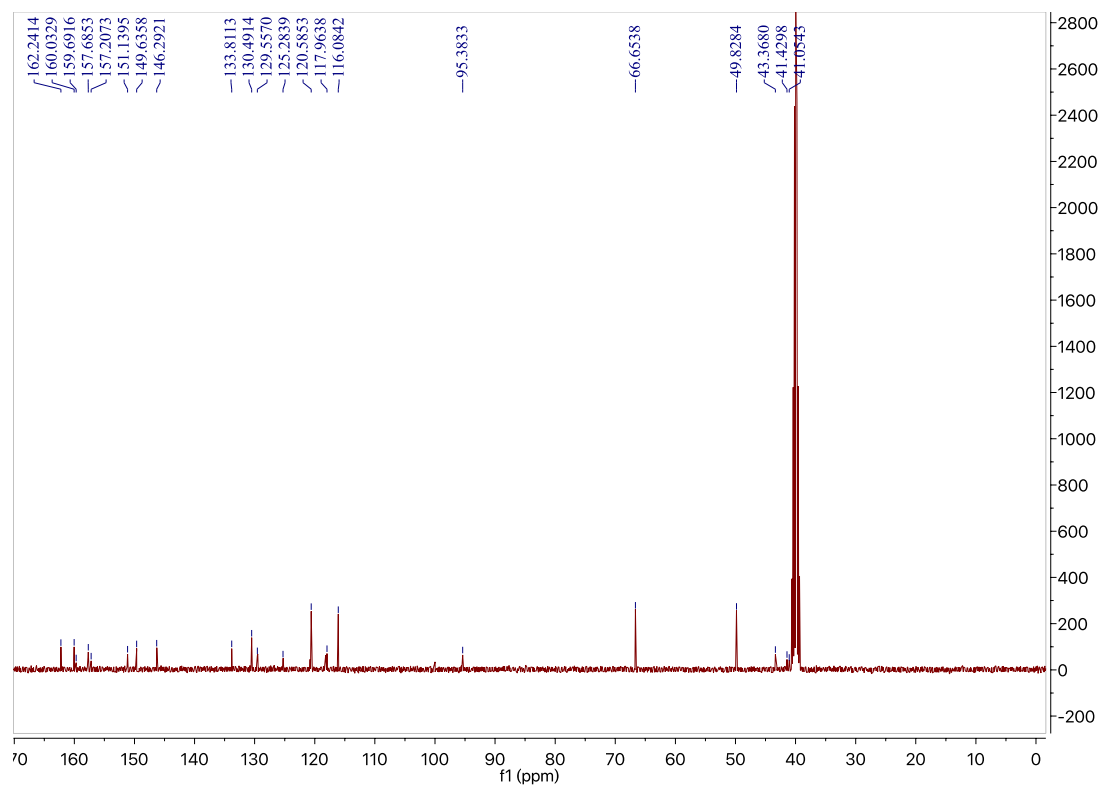


Fig. 5-2 ¹³C NMR spectrum of compound 9e

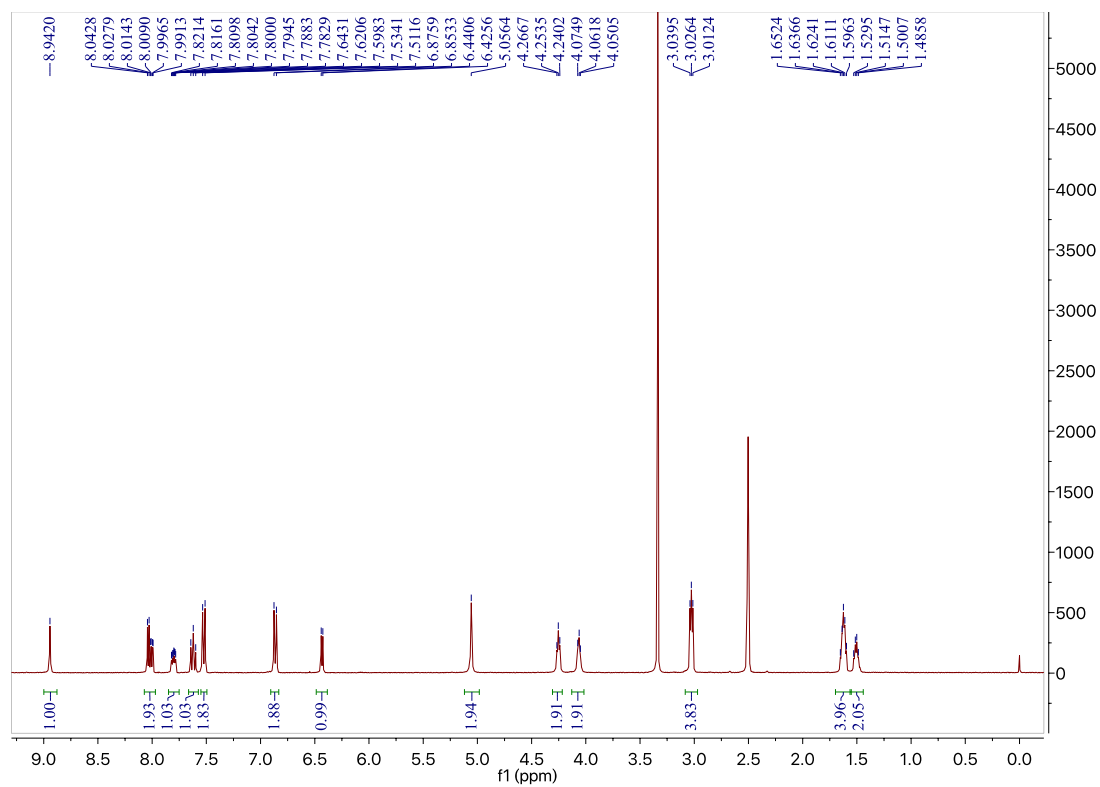


Fig. 6-1 ¹H NMR spectrum of compound 9f

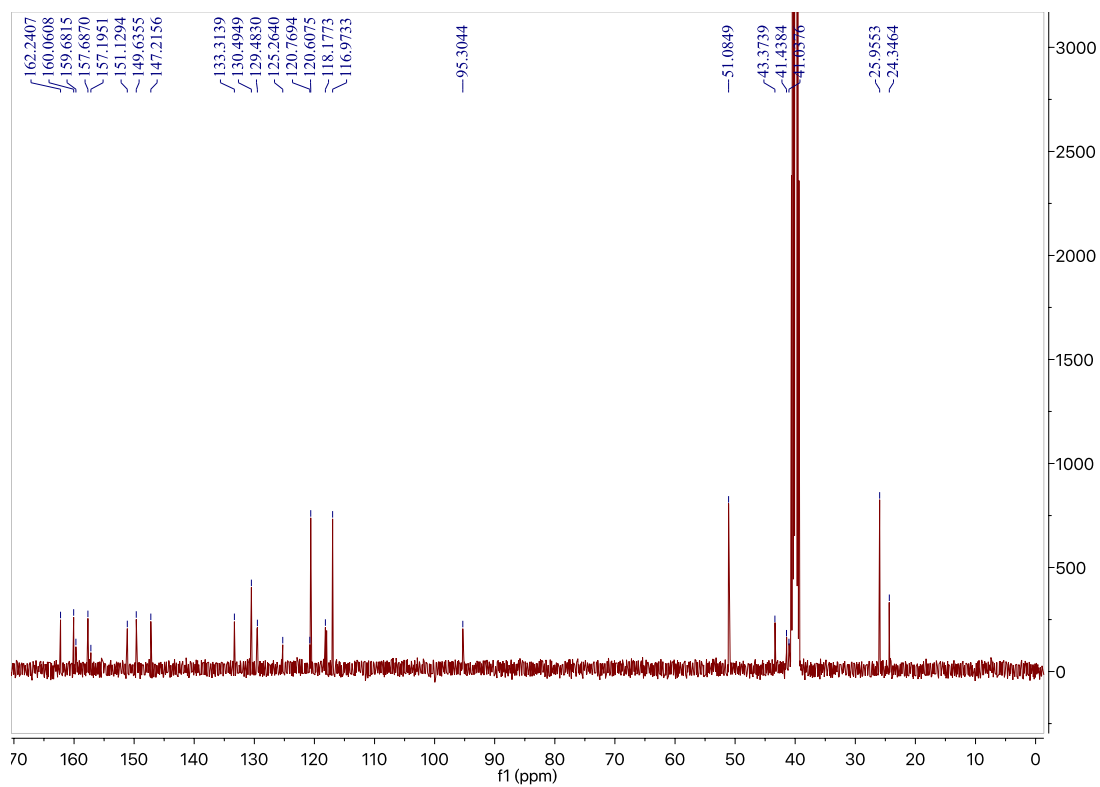


Fig. 6-2 ¹³C NMR spectrum of compound 9f

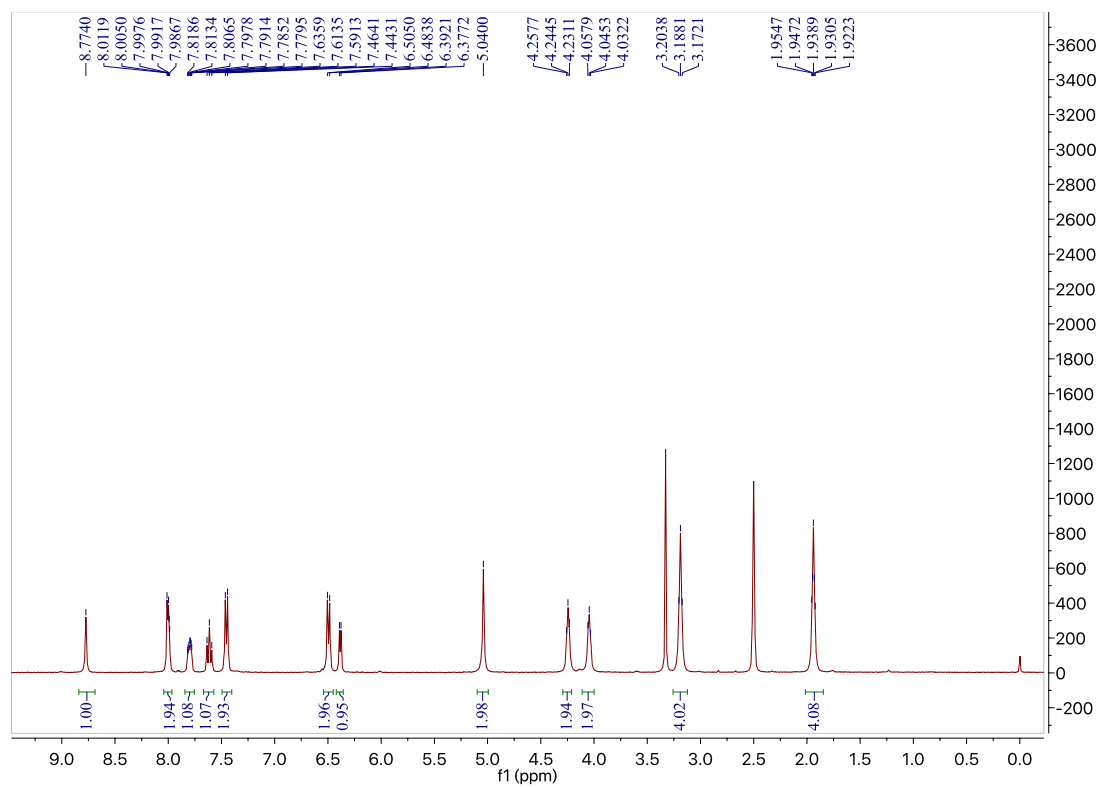


Fig. 7-1 ¹H NMR spectrum of compound 9g

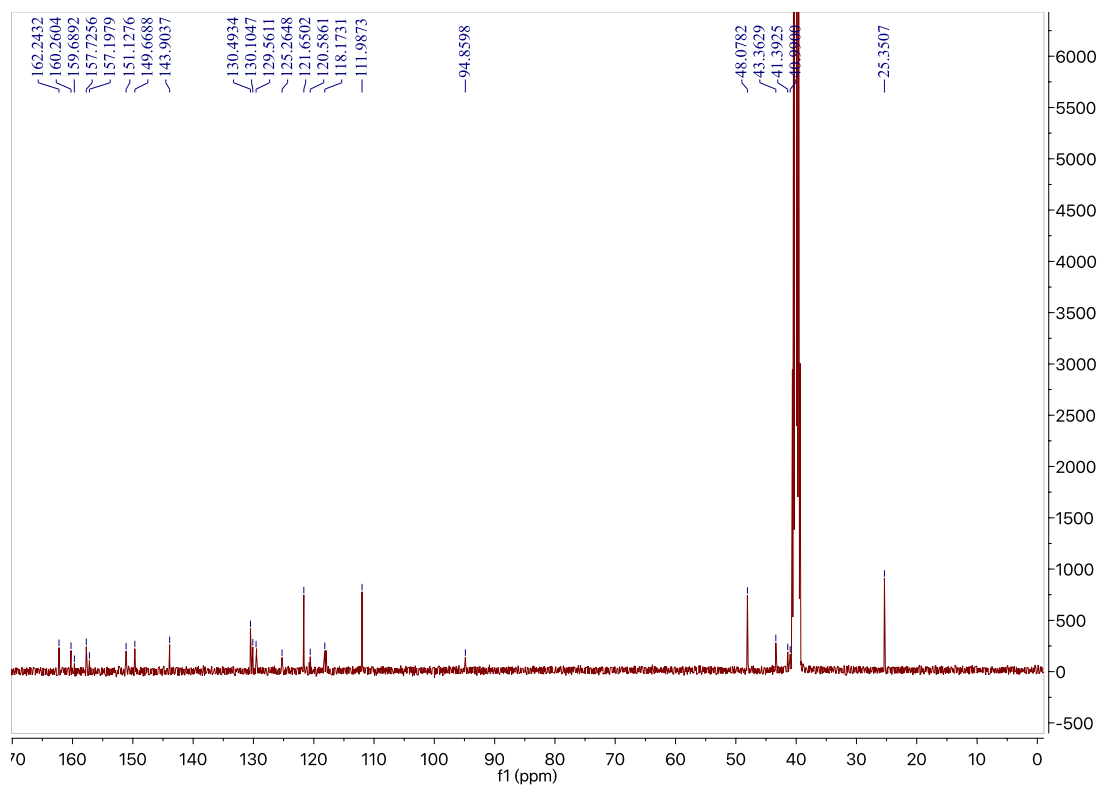


Fig. 7-2 ¹³C NMR spectrum of compound 9g

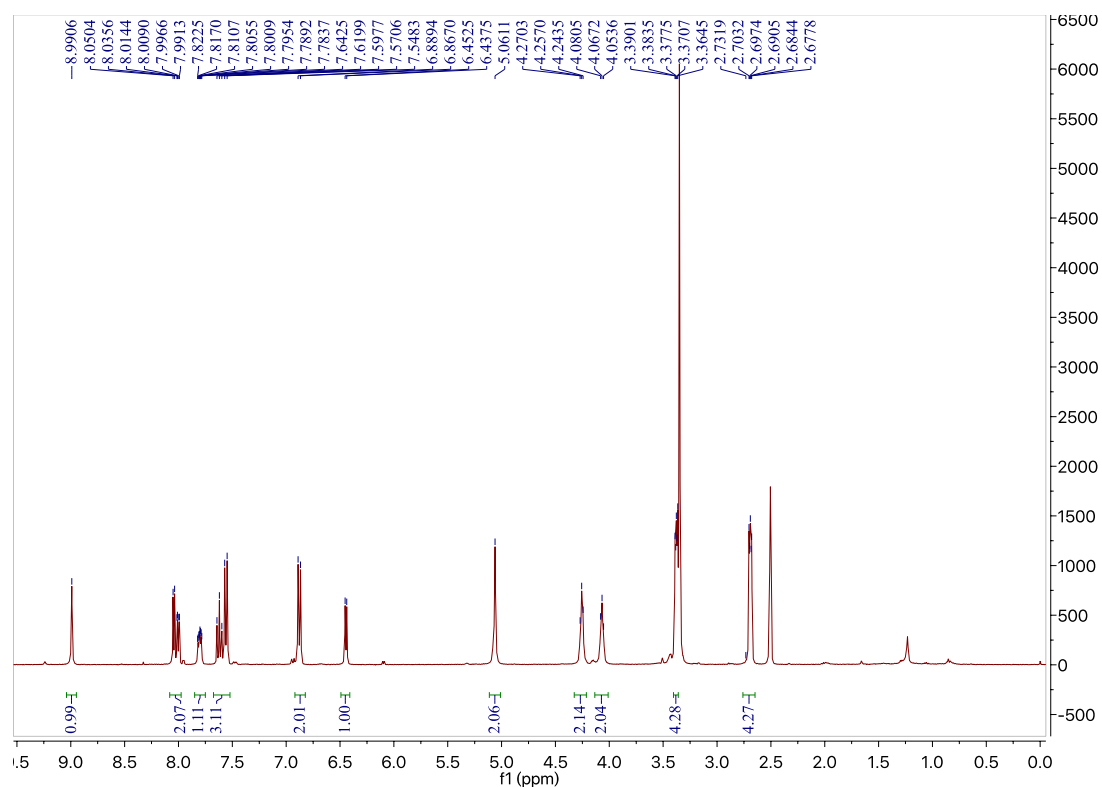


Fig. 8-1 ¹H NMR spectrum of compound 9h

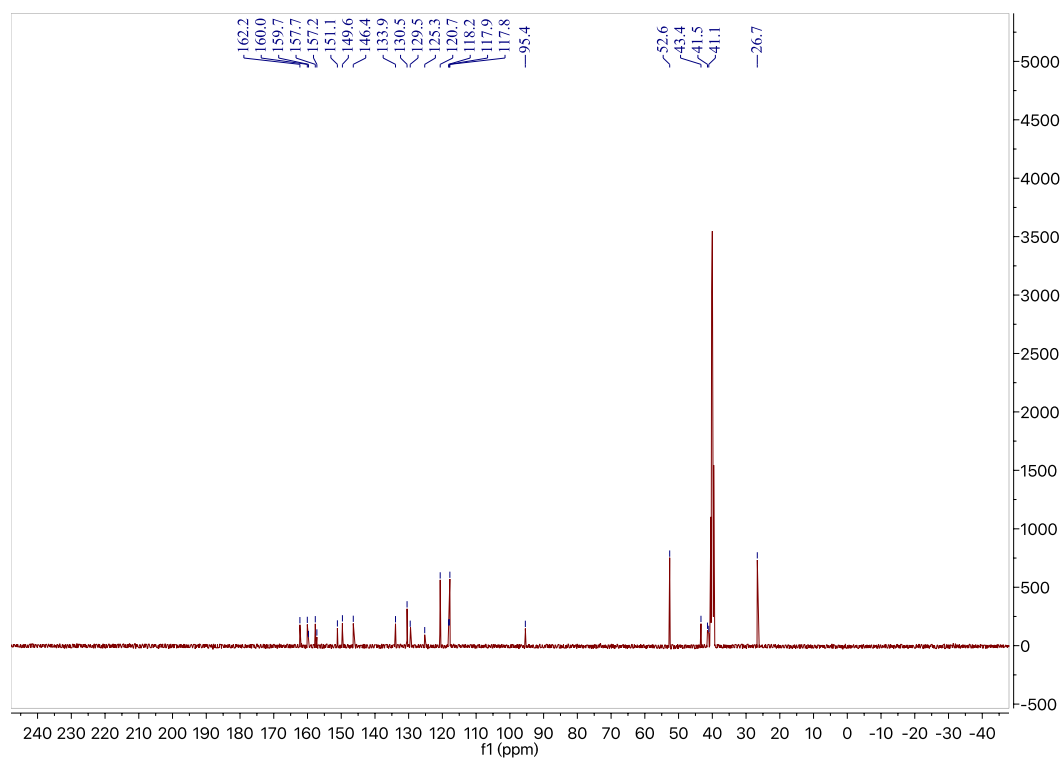


Fig. 8-2 ¹³C NMR spectrum of compound 9h

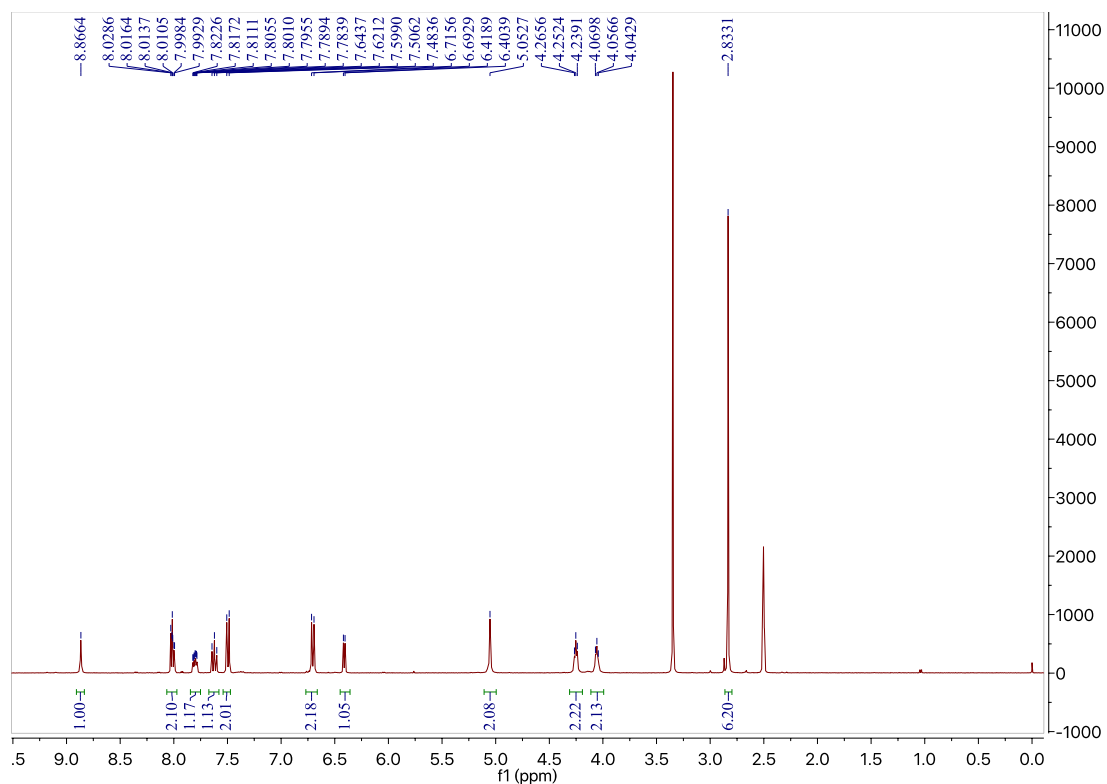


Fig. 9-1 ¹H NMR spectrum of compound 9i

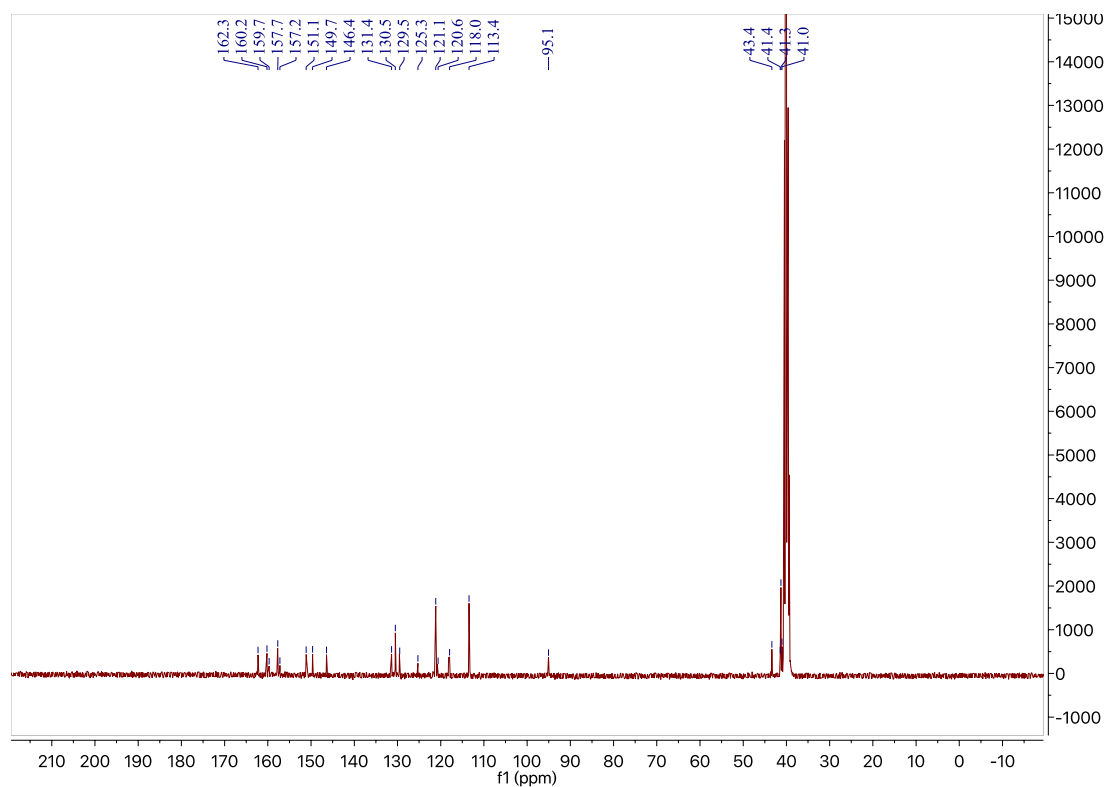


Fig. 9-2 ¹³C NMR spectrum of compound 9i

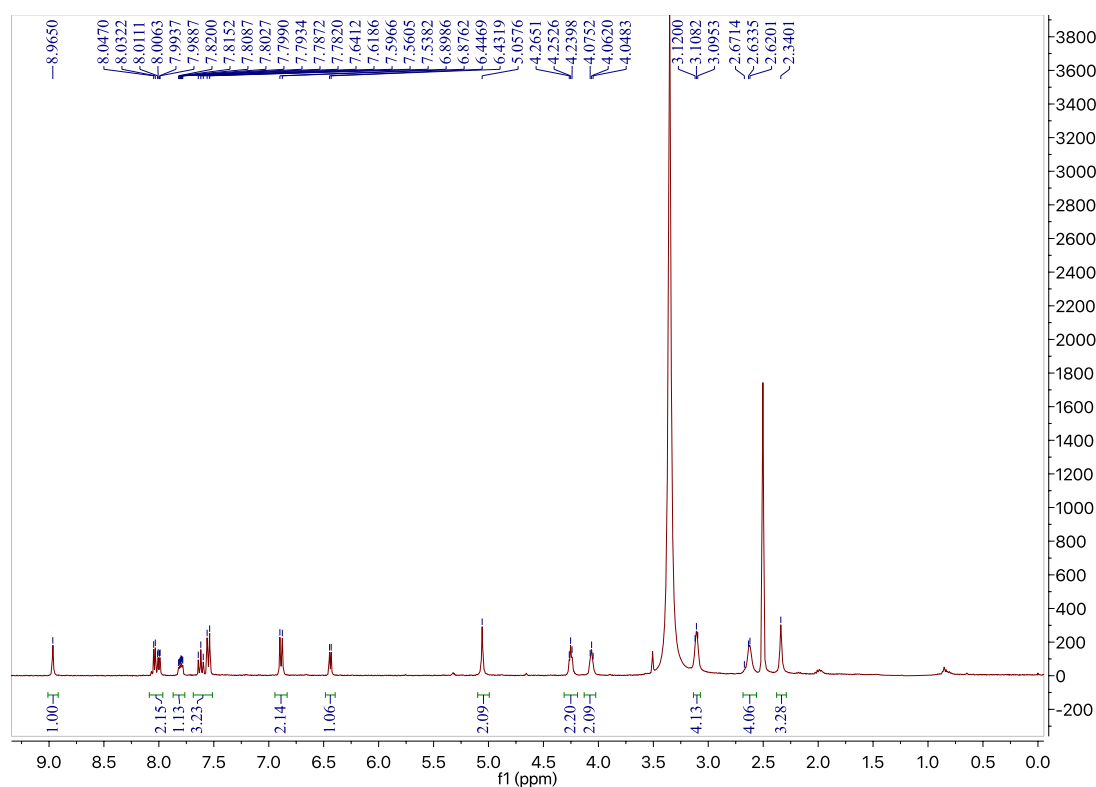


Fig. 10-1 ¹H NMR spectrum of compound 9j

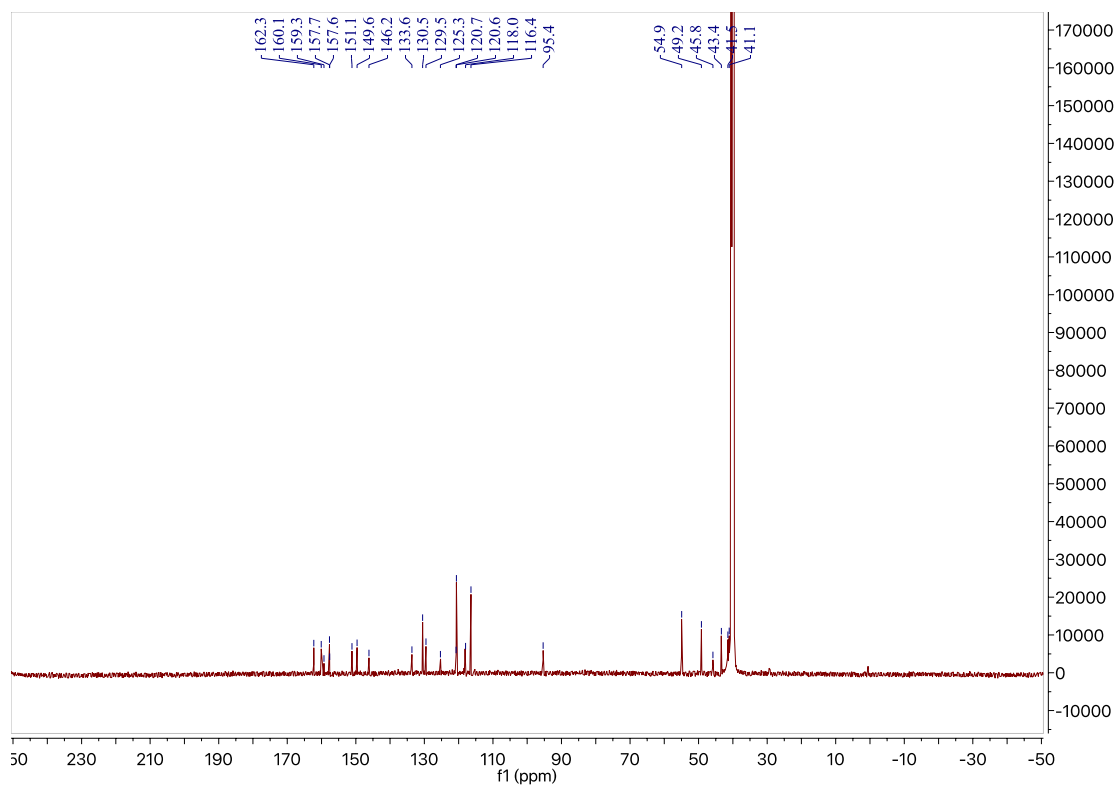


Fig. 10-2 ¹³C NMR spectrum of compound 9j

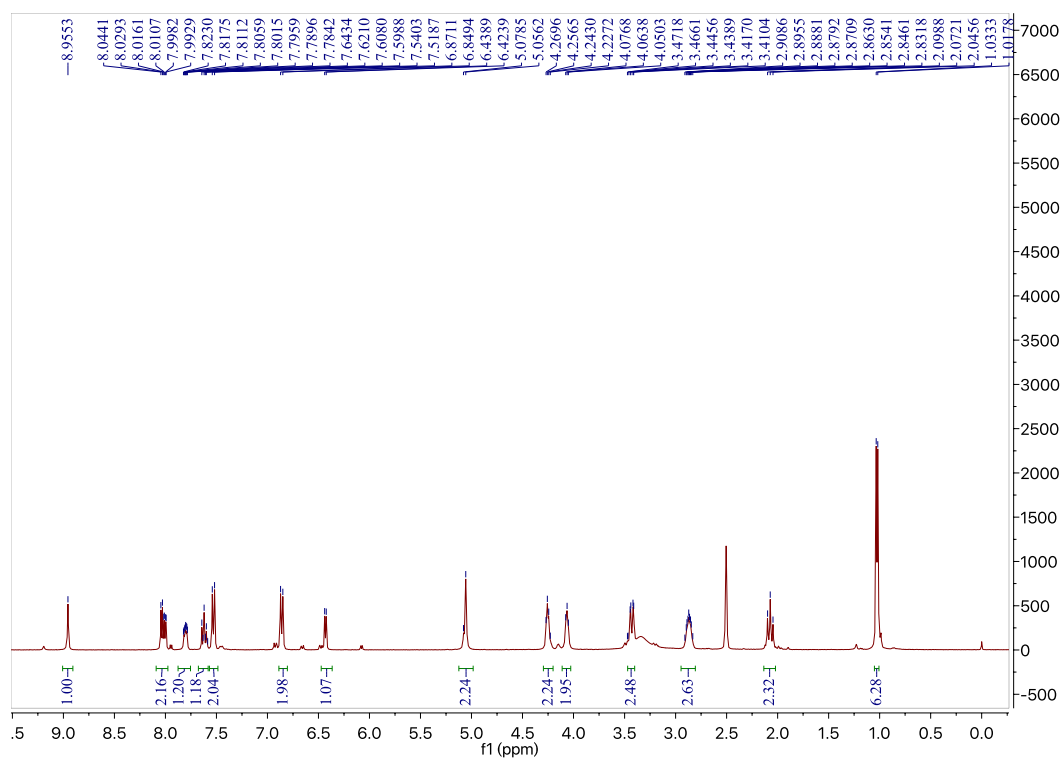


Fig. 11-1 ¹H NMR spectrum of compound 9k

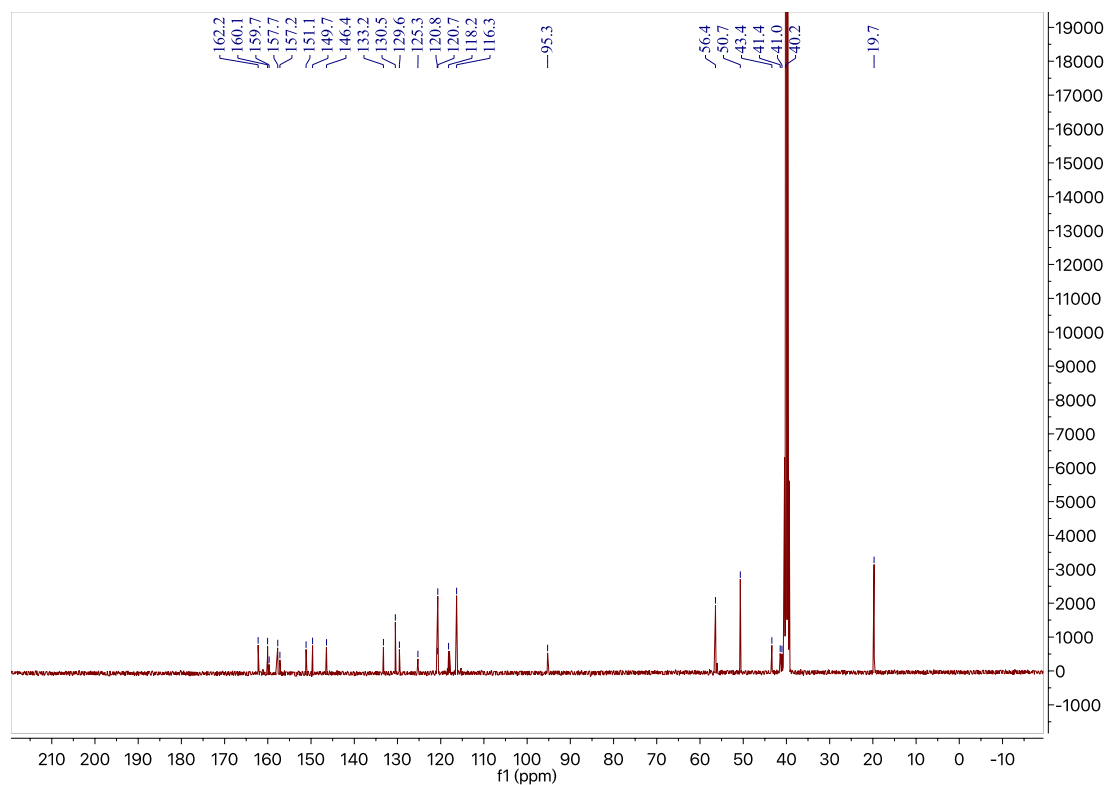


Fig. 11-2 ¹³C NMR spectrum of compound 9k

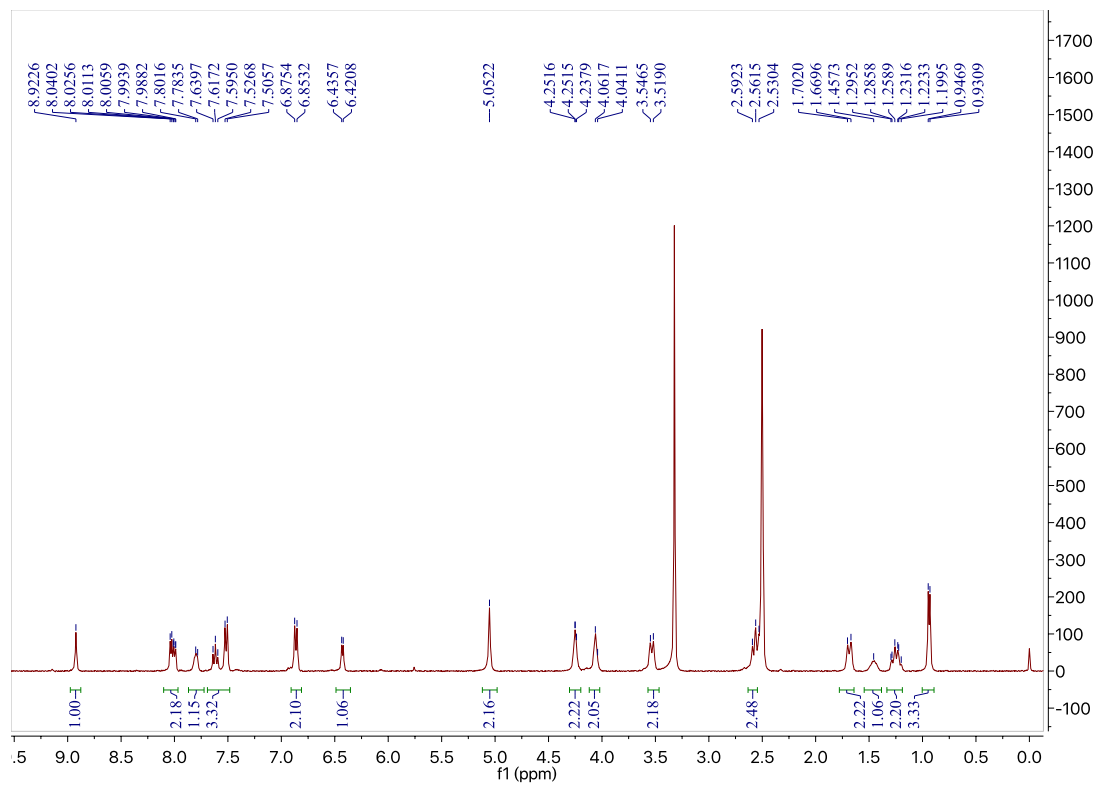


Fig. 12-1 ¹H NMR spectrum of compound 9l

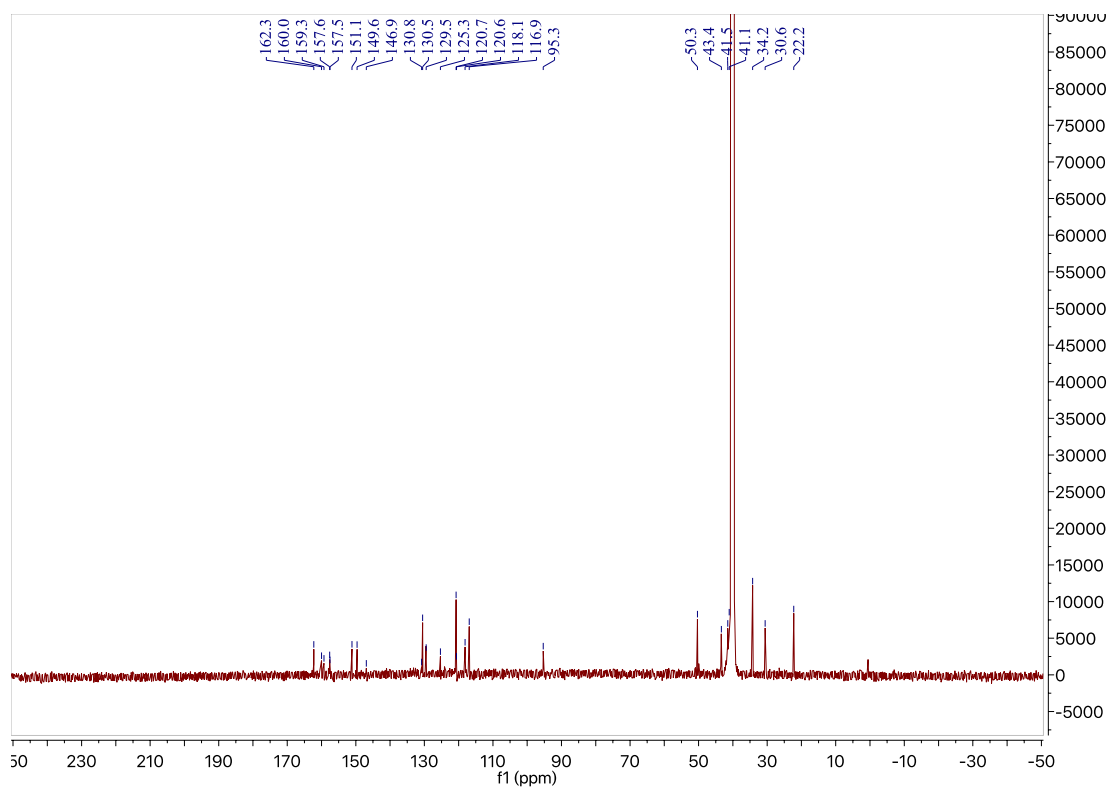


Fig. 12-2 ¹³C NMR spectrum of compound 9l

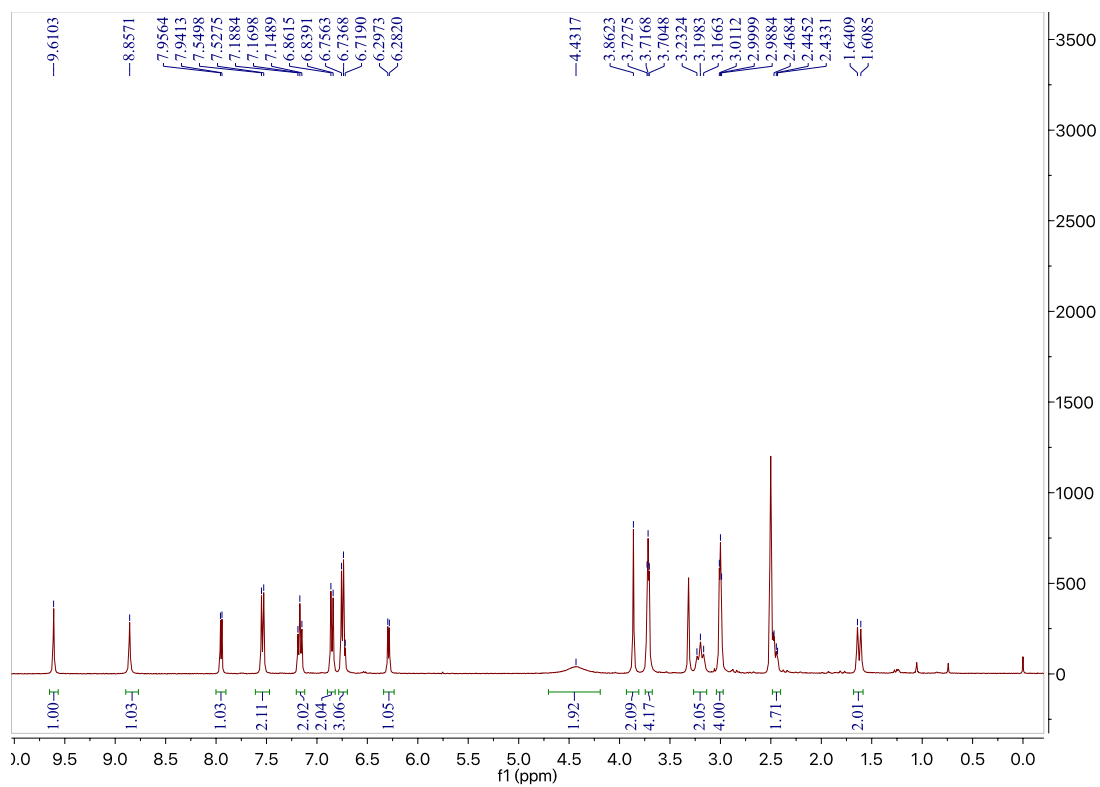


Fig. 13-1 ¹H NMR spectrum of compound 13a

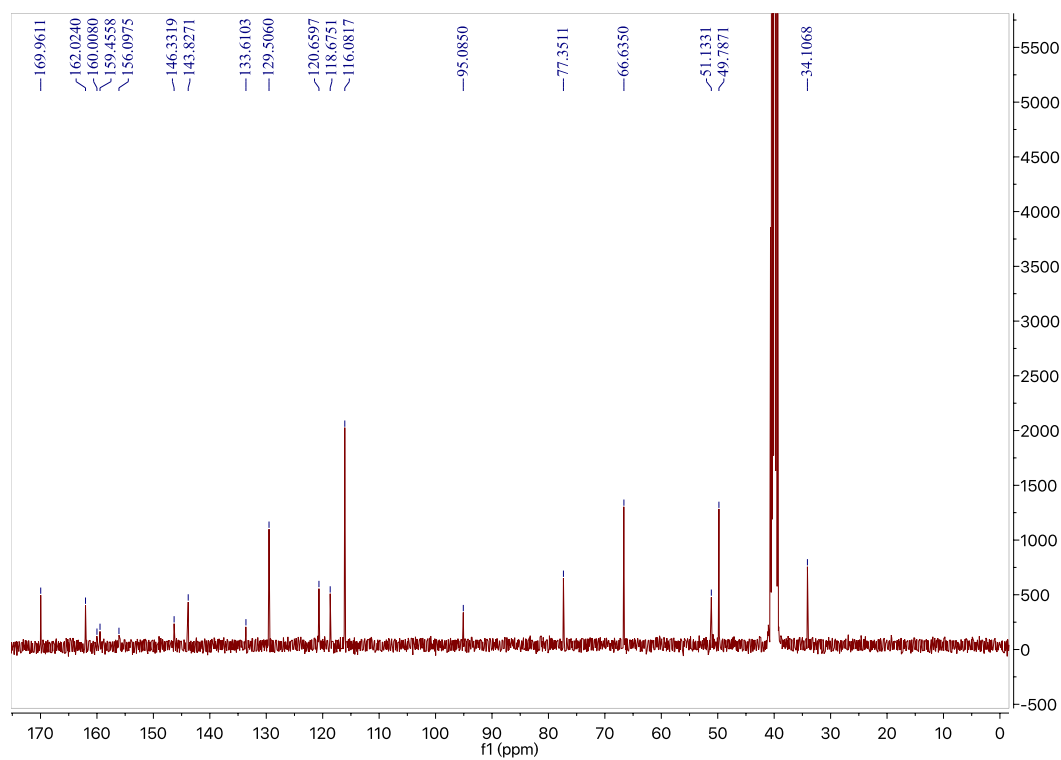


Fig. 13-2 ¹³C NMR spectrum of compound 13a

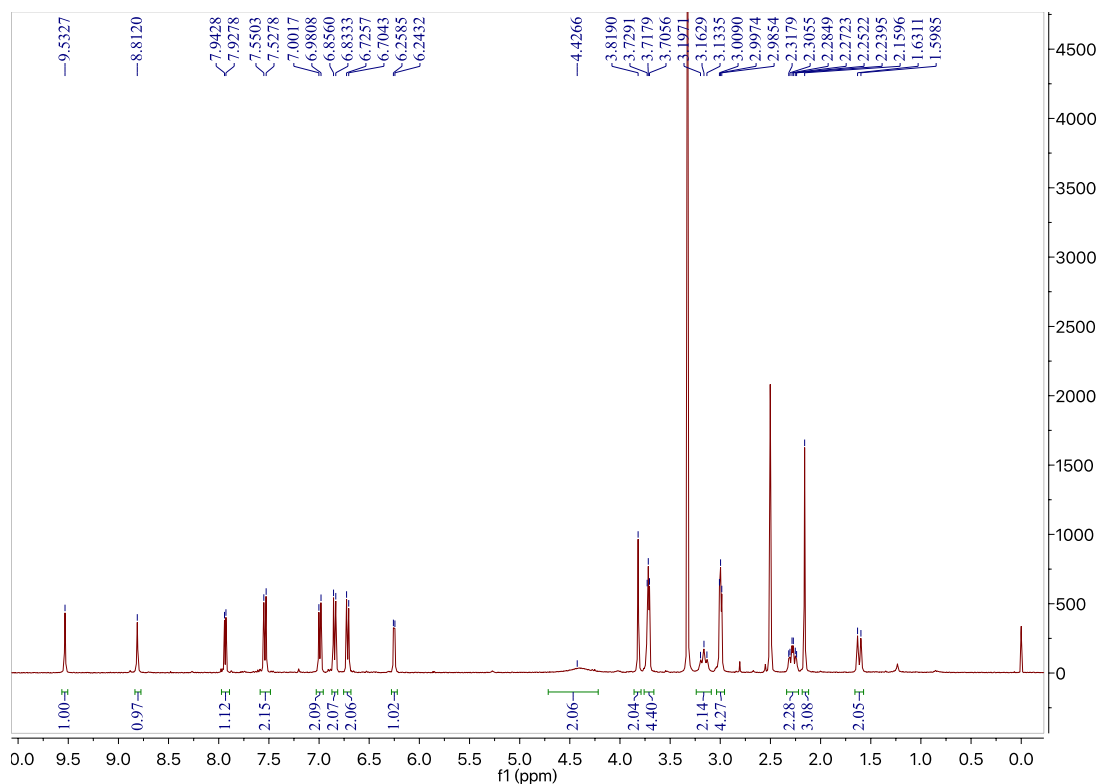


Fig. 14-1 ¹H NMR spectrum of compound 13b

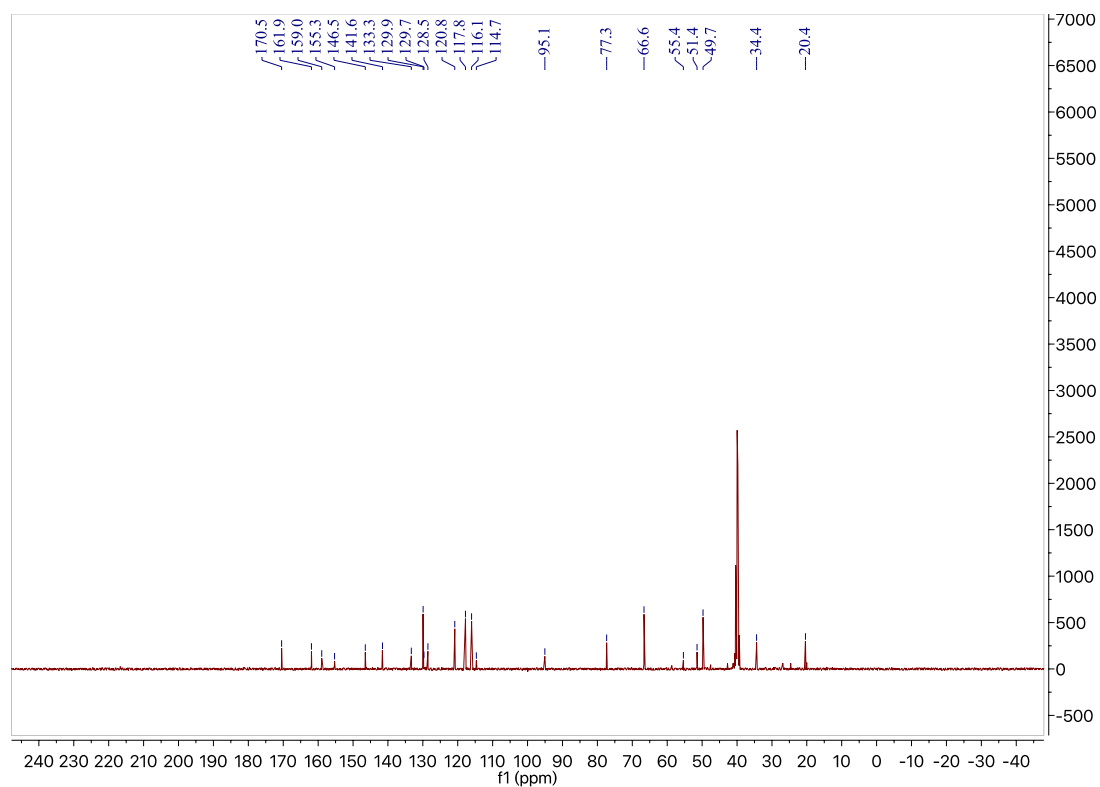


Fig. 14-2 ¹³C NMR spectrum of compound 13b

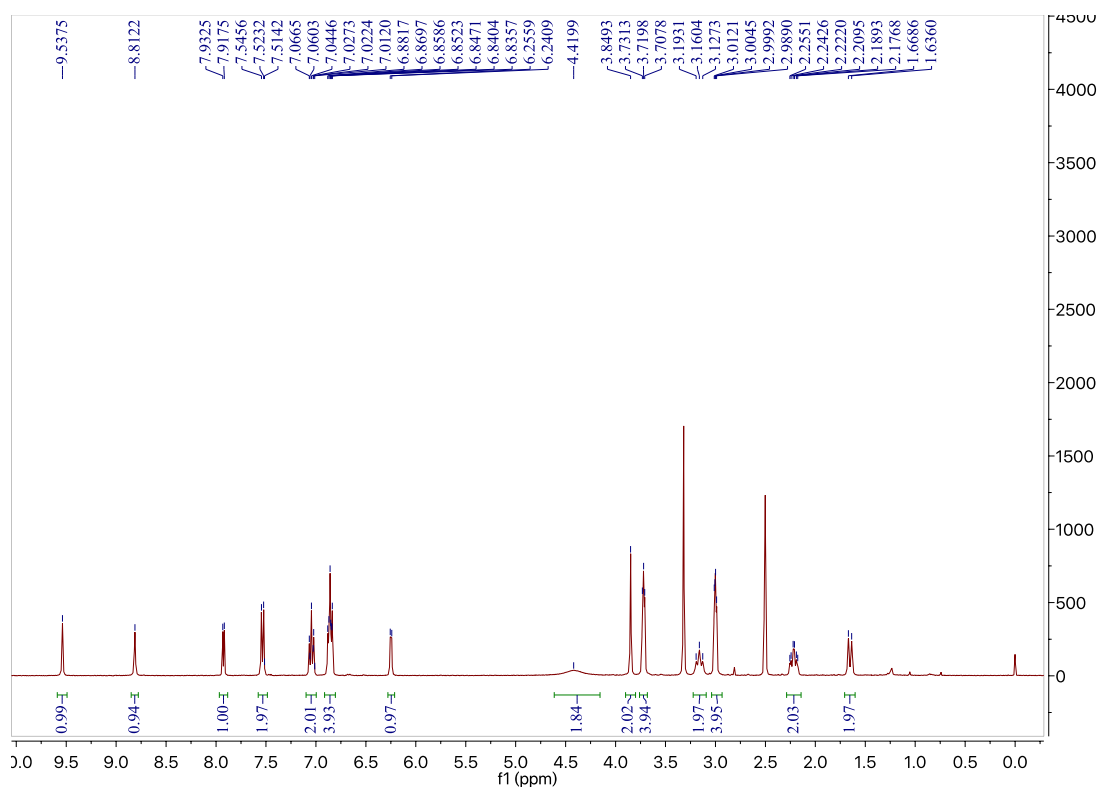


Fig. 15-1 ¹H NMR spectrum of compound 13c

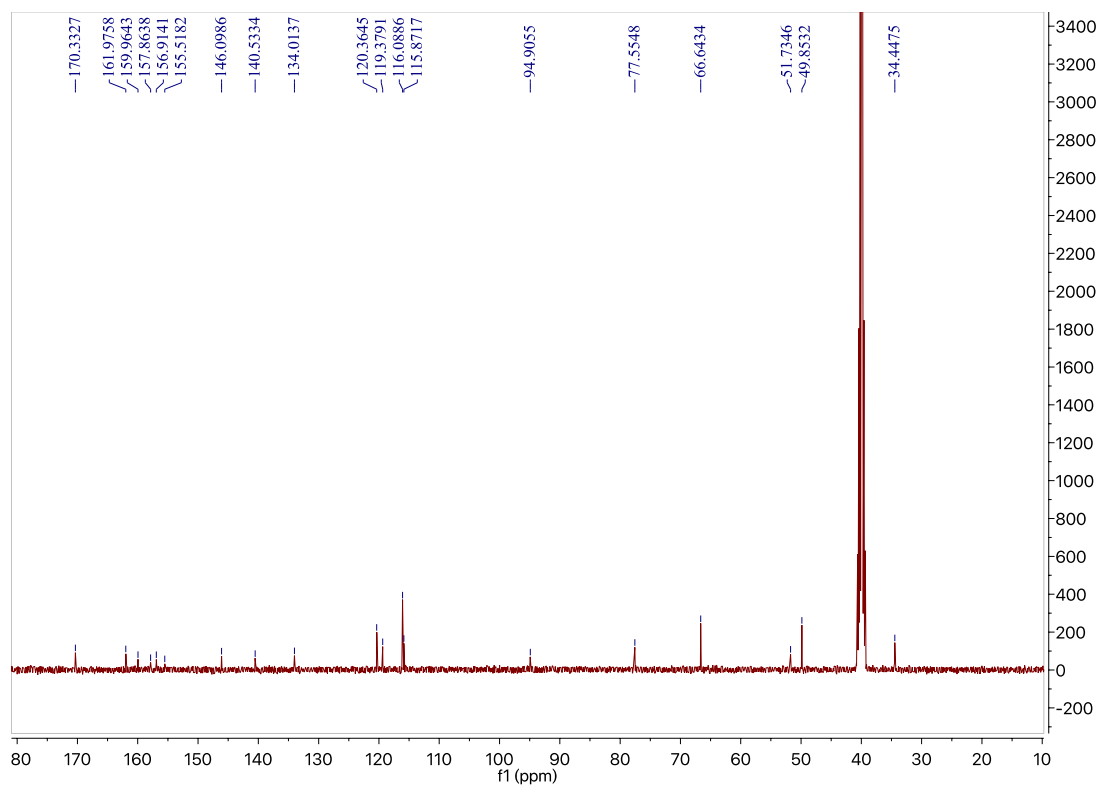


Fig. 15-2 ¹³C NMR spectrum of compound 13c

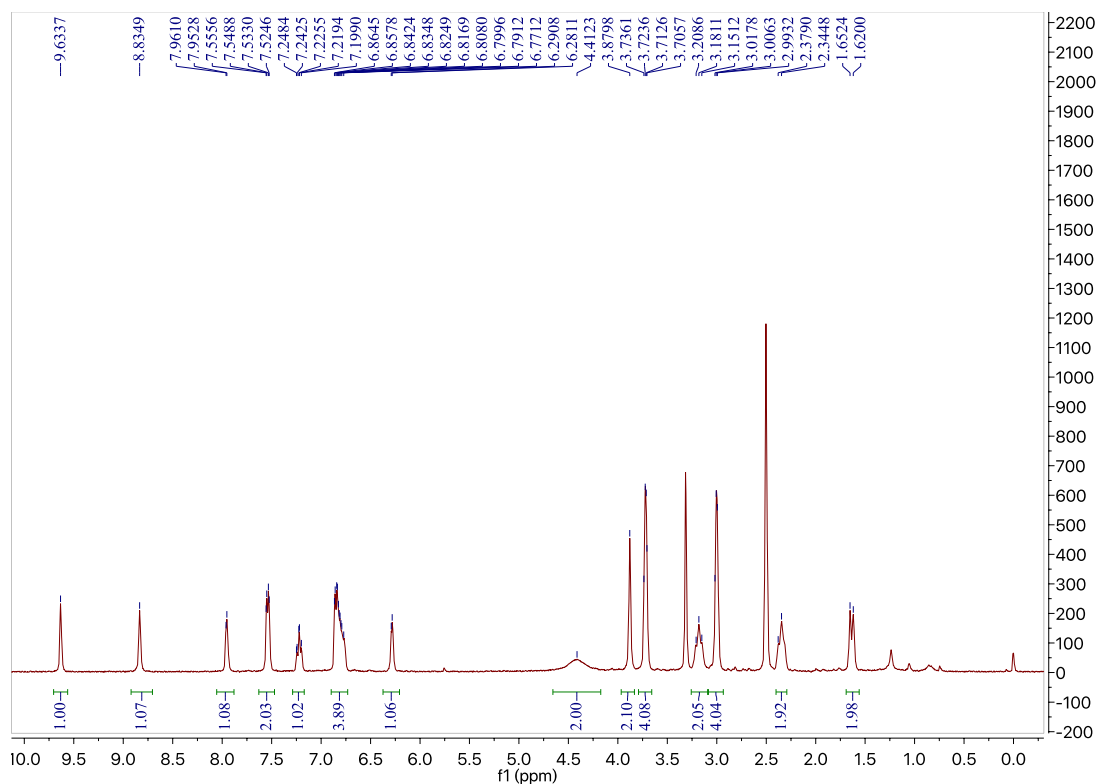


Fig. 16-1 ^1H NMR spectrum of compound 13d

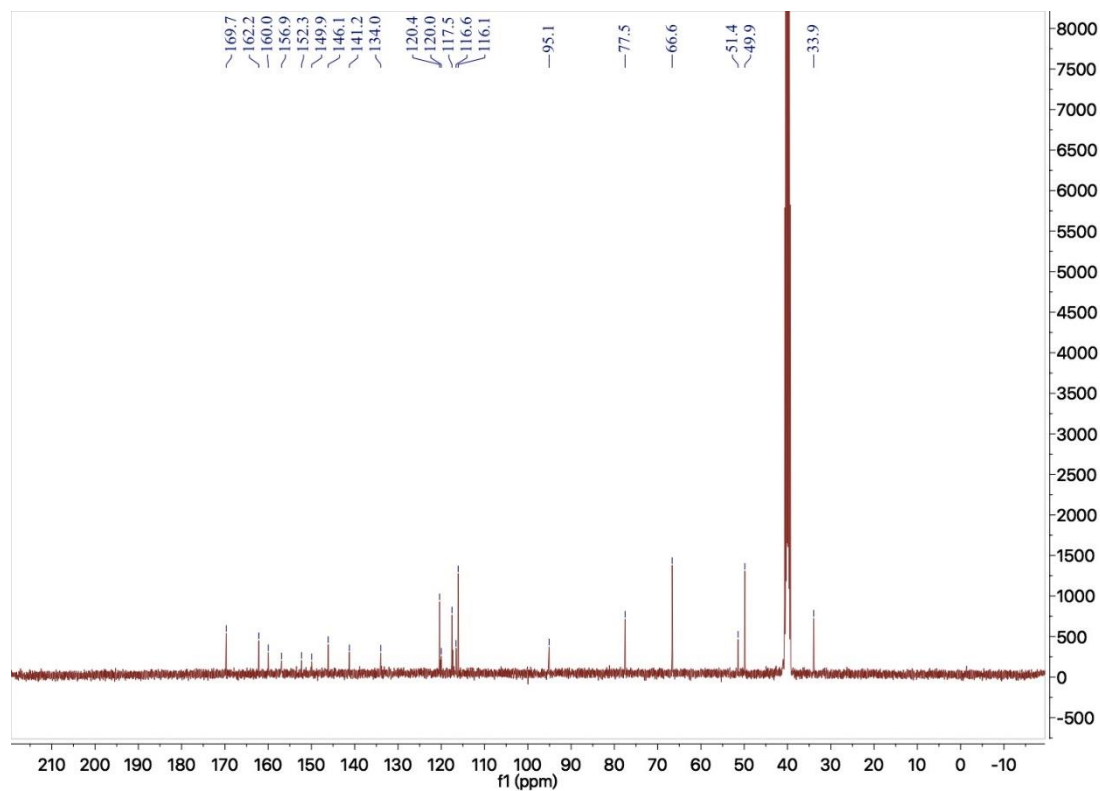


Fig. 16-2 ^{13}C NMR spectrum of compound 13d

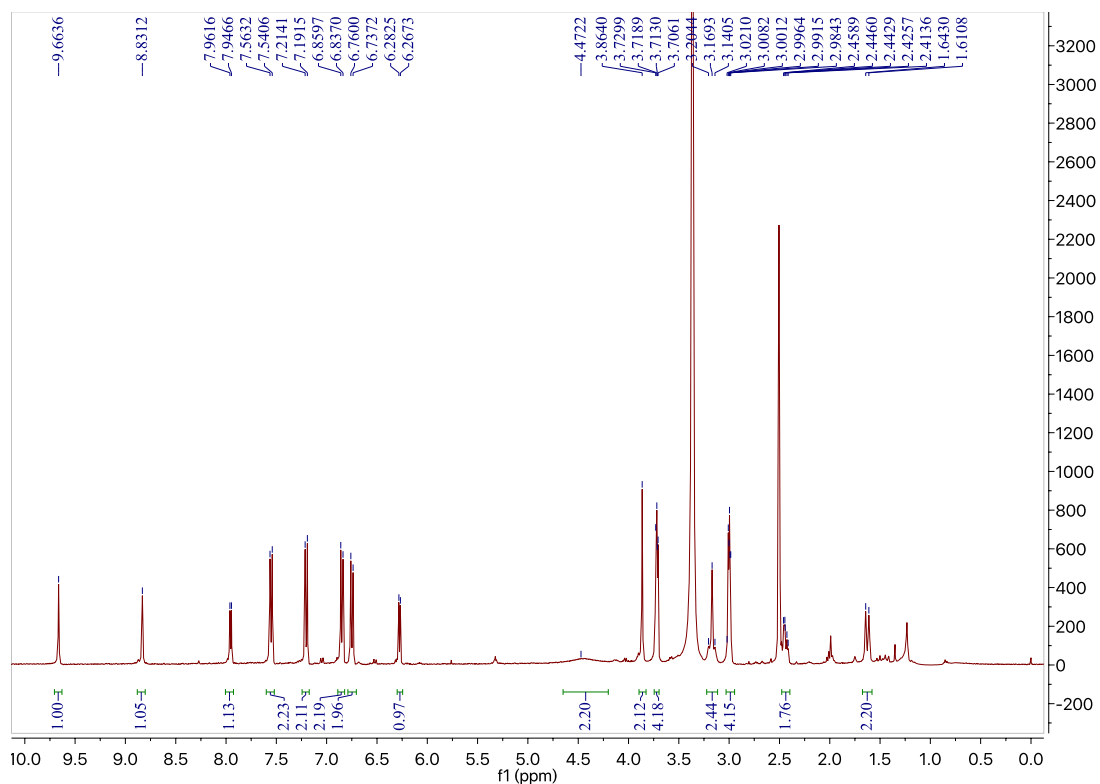


Fig. 17-1 ¹H NMR spectrum of compound 13e

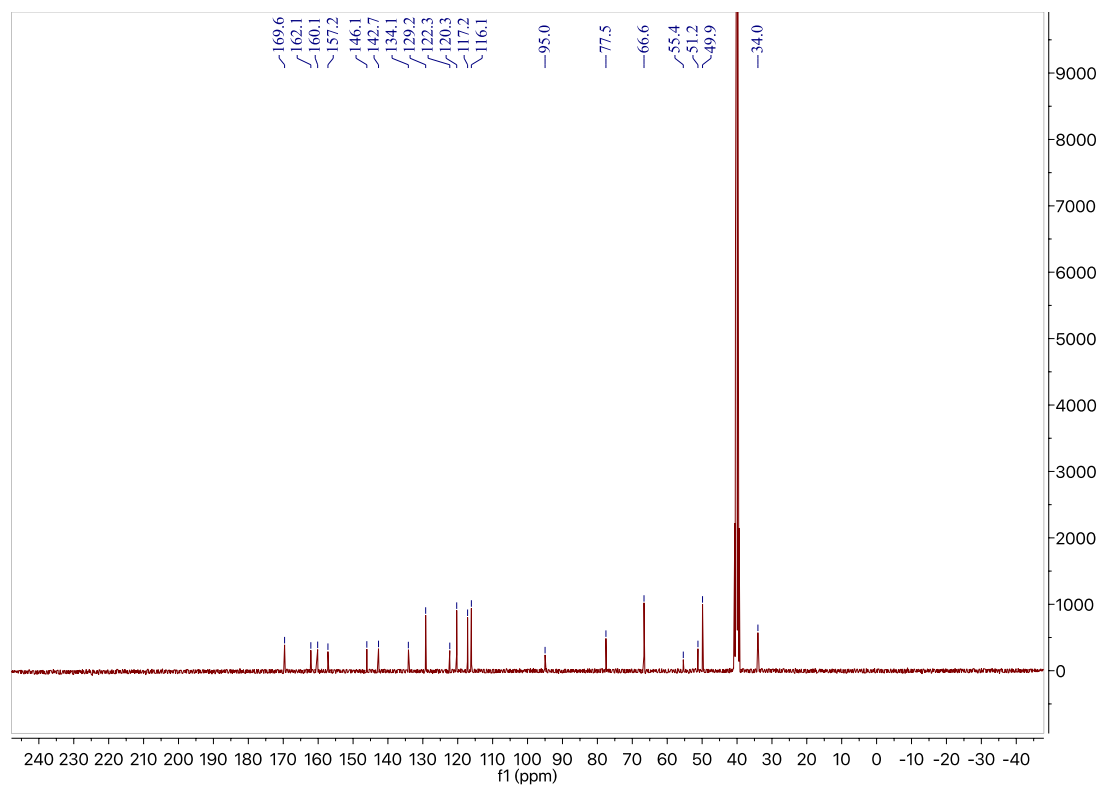


Fig. 17-2 ¹³C NMR spectrum of compound 13e

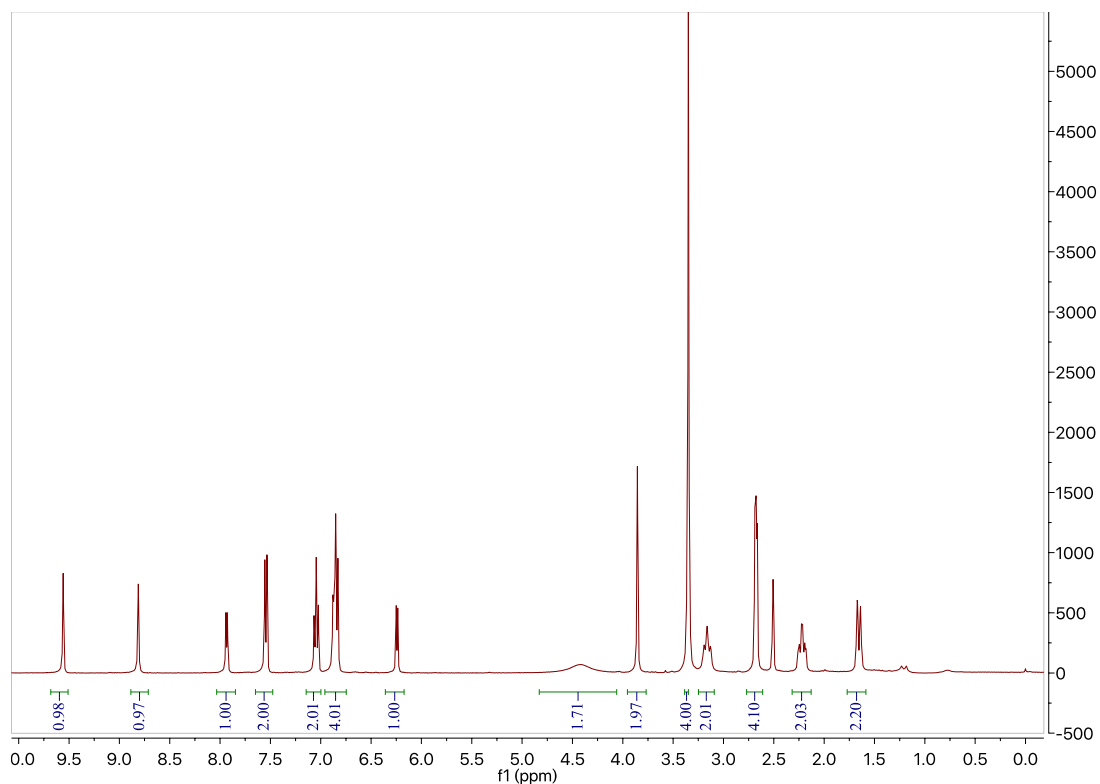


Fig. 18-1 ¹H NMR spectrum of compound 13f

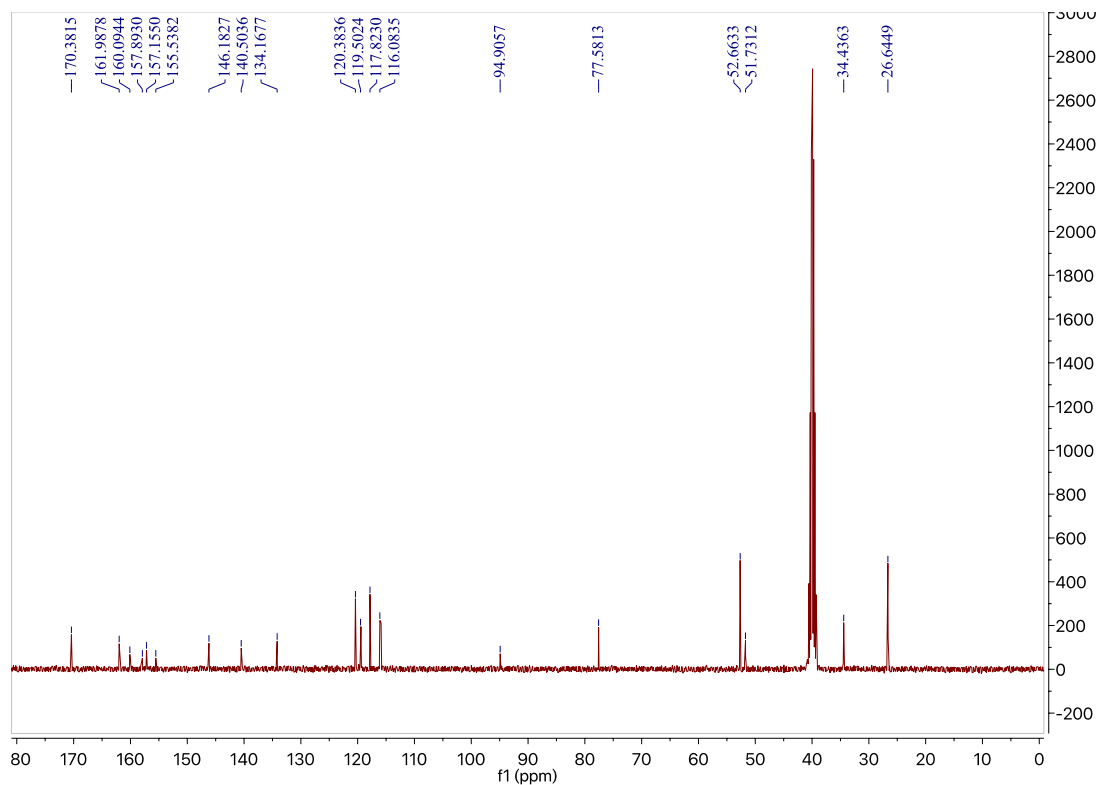


Fig. 18-2 ¹³C NMR spectrum of compound 13f

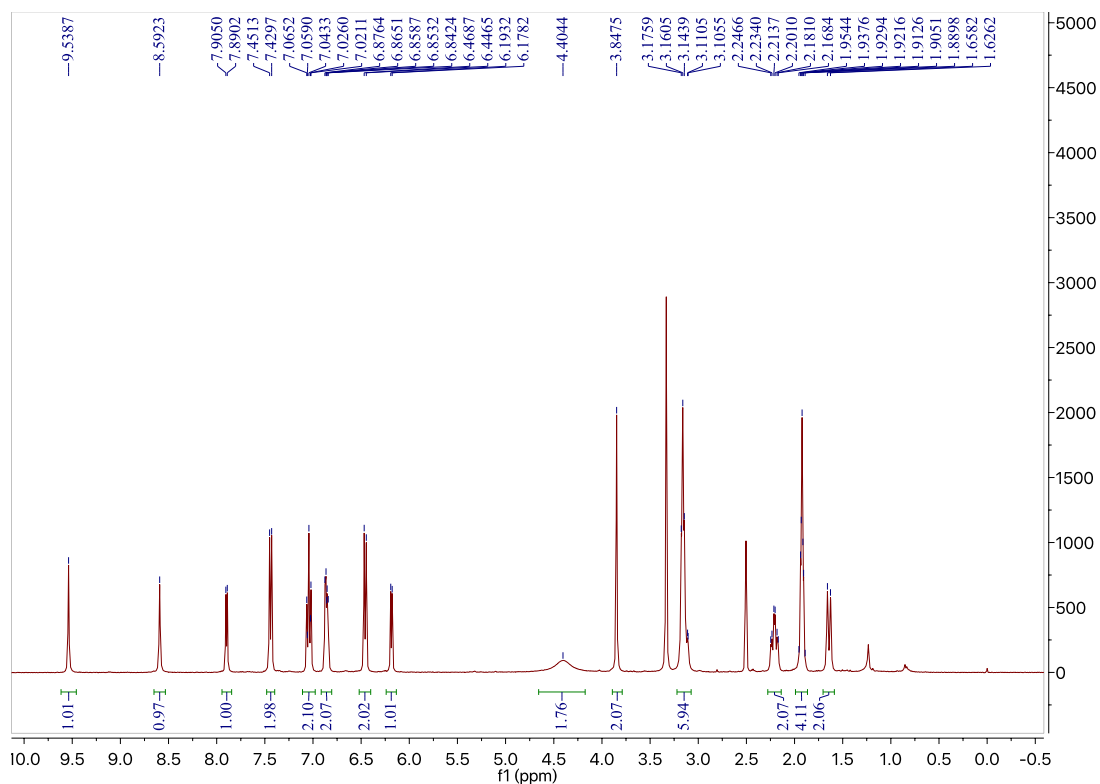


Fig. 19-1 ¹H NMR spectrum of compound 13g

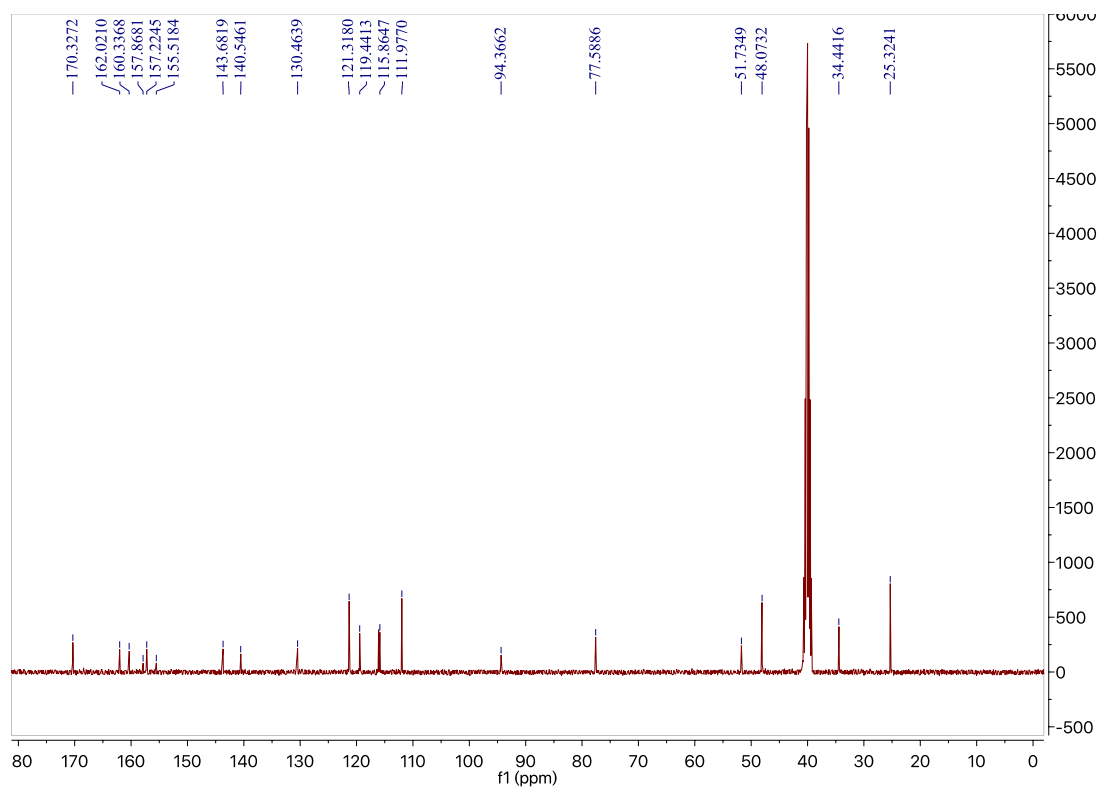


Fig. 19-2 ¹³C NMR spectrum of compound 13g

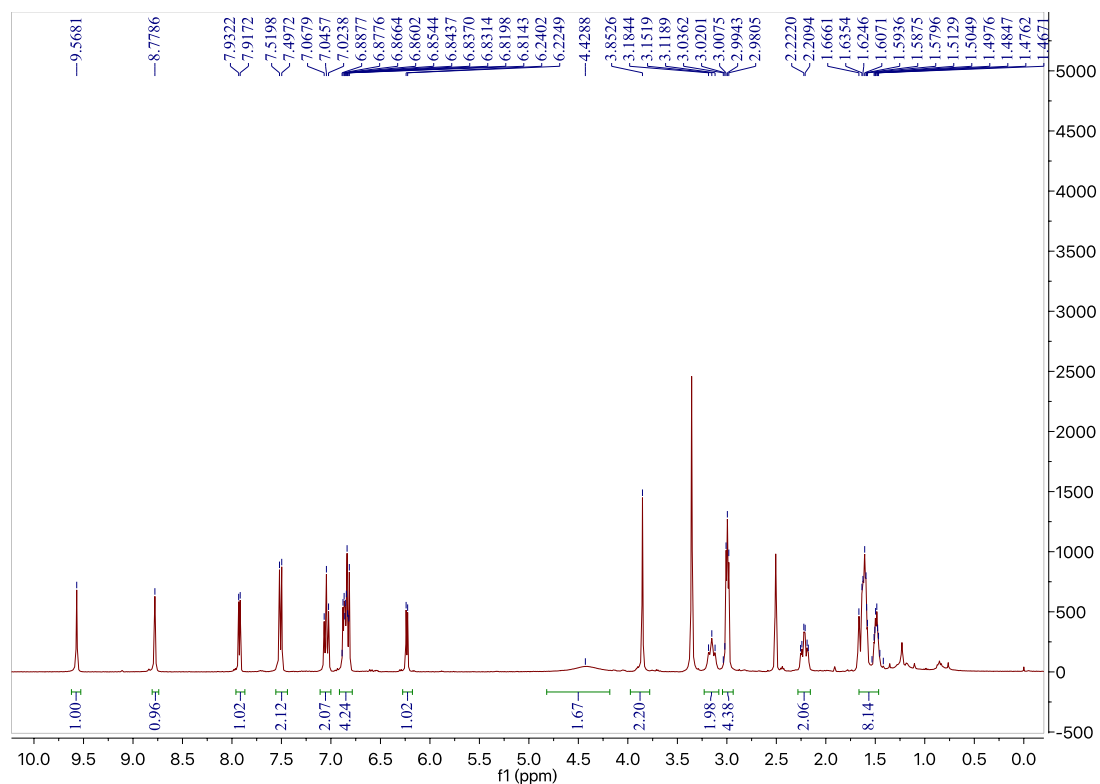


Fig. 20-1 ^1H NMR spectrum of compound 13h

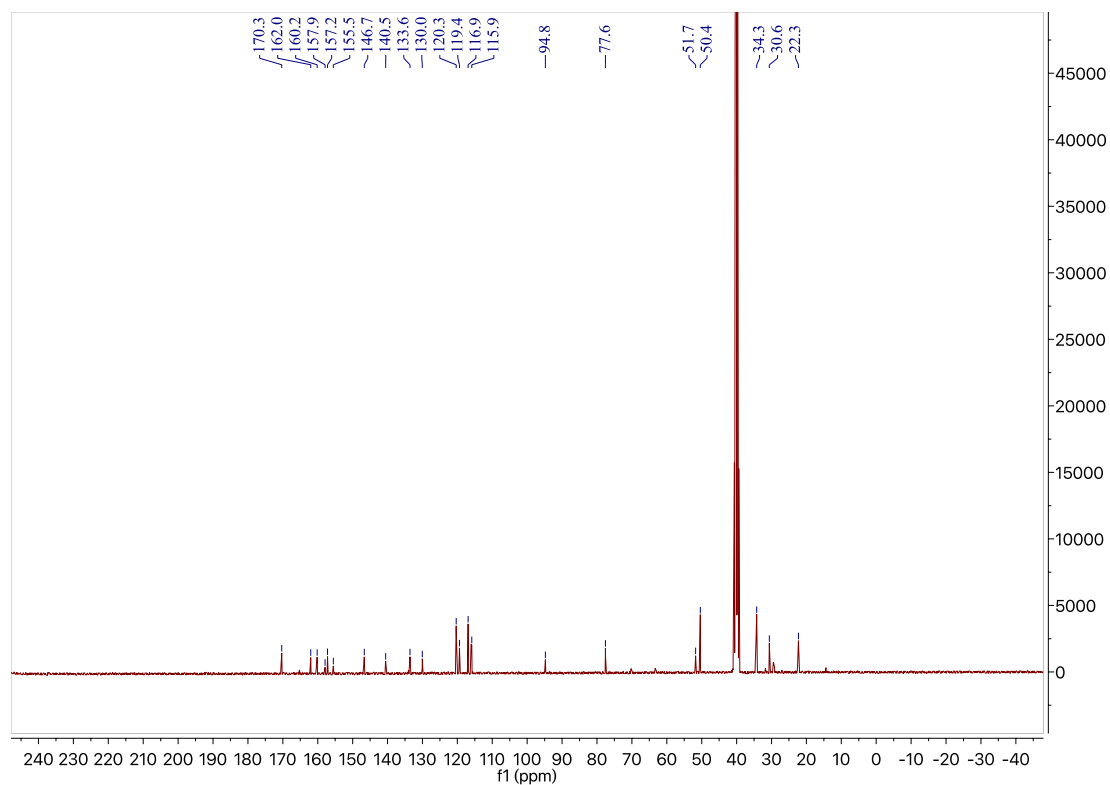


Fig. 20-2 ^{13}C NMR spectrum of compound 13h

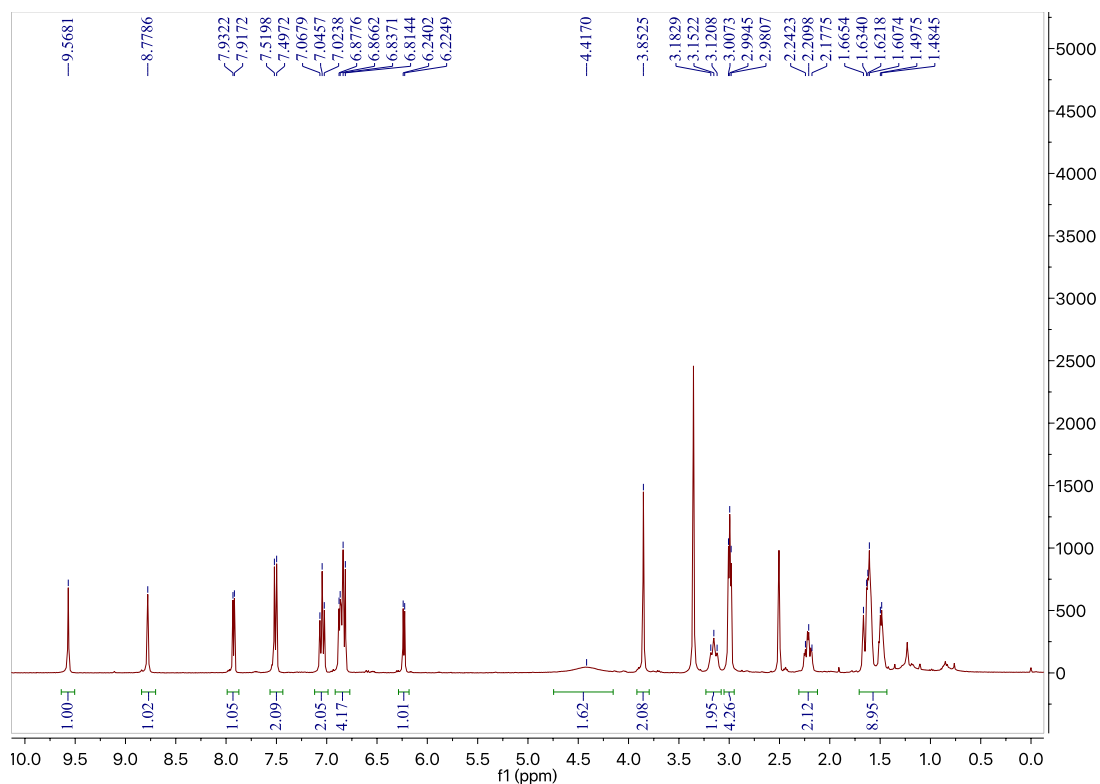


Fig. 21-1 ¹H NMR spectrum of compound 13i

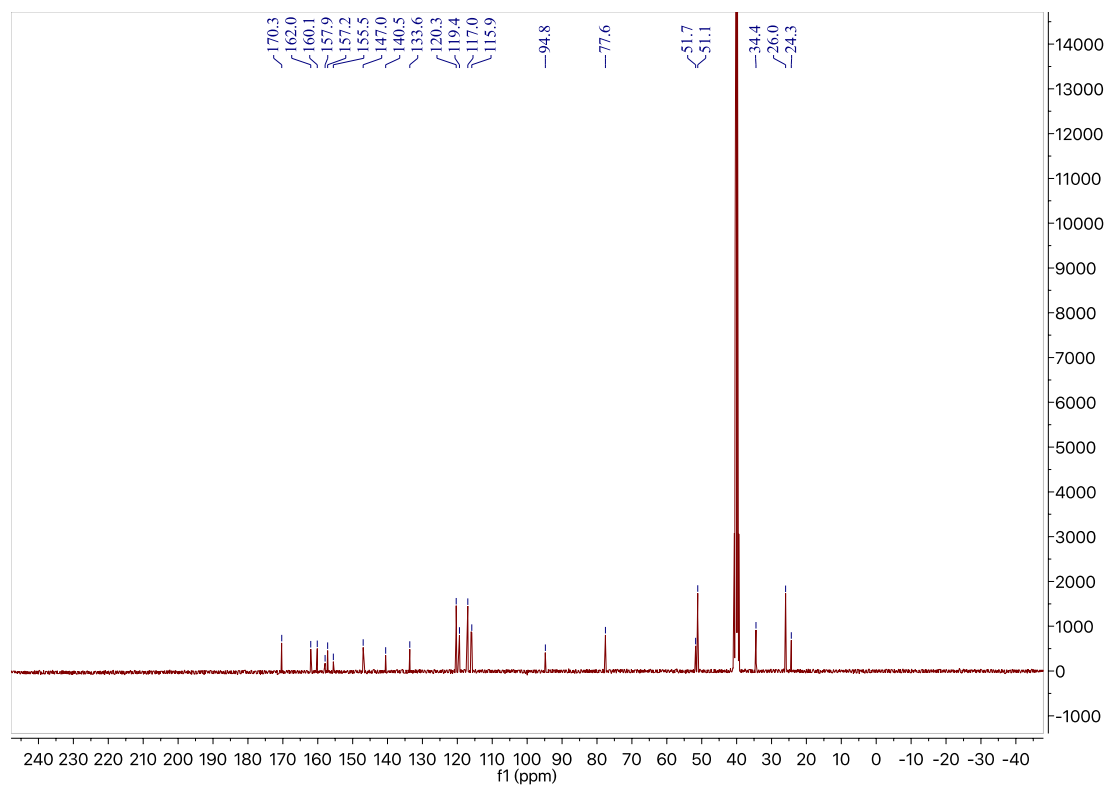


Fig. 21-2 ¹³C NMR spectrum of compound 13i

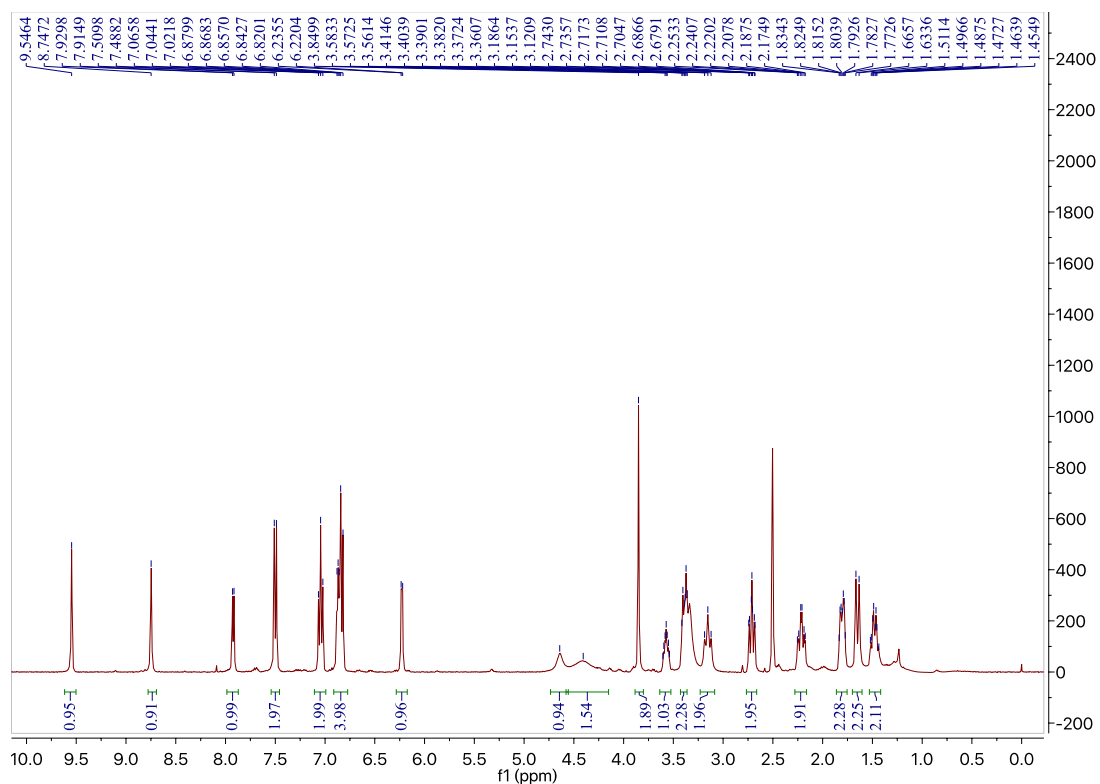


Fig. 22-1 ¹H NMR spectrum of compound 13j

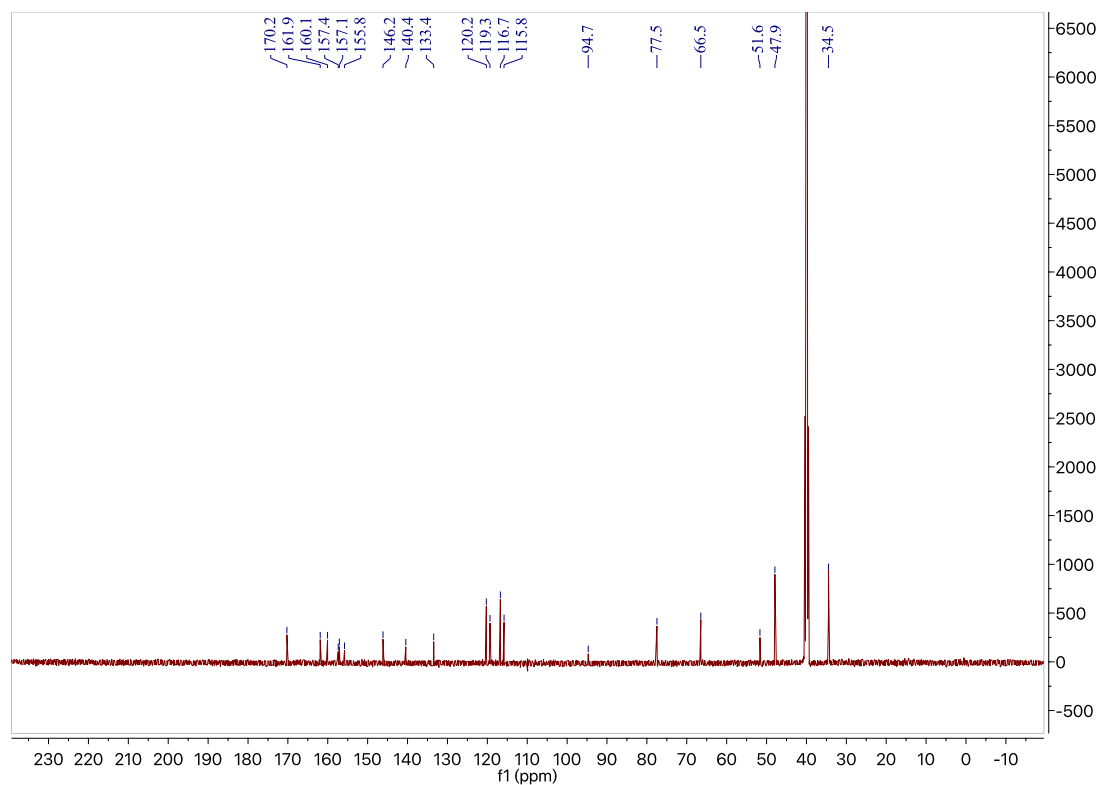


Fig. 22-2 ¹³C NMR spectrum of compound 13j

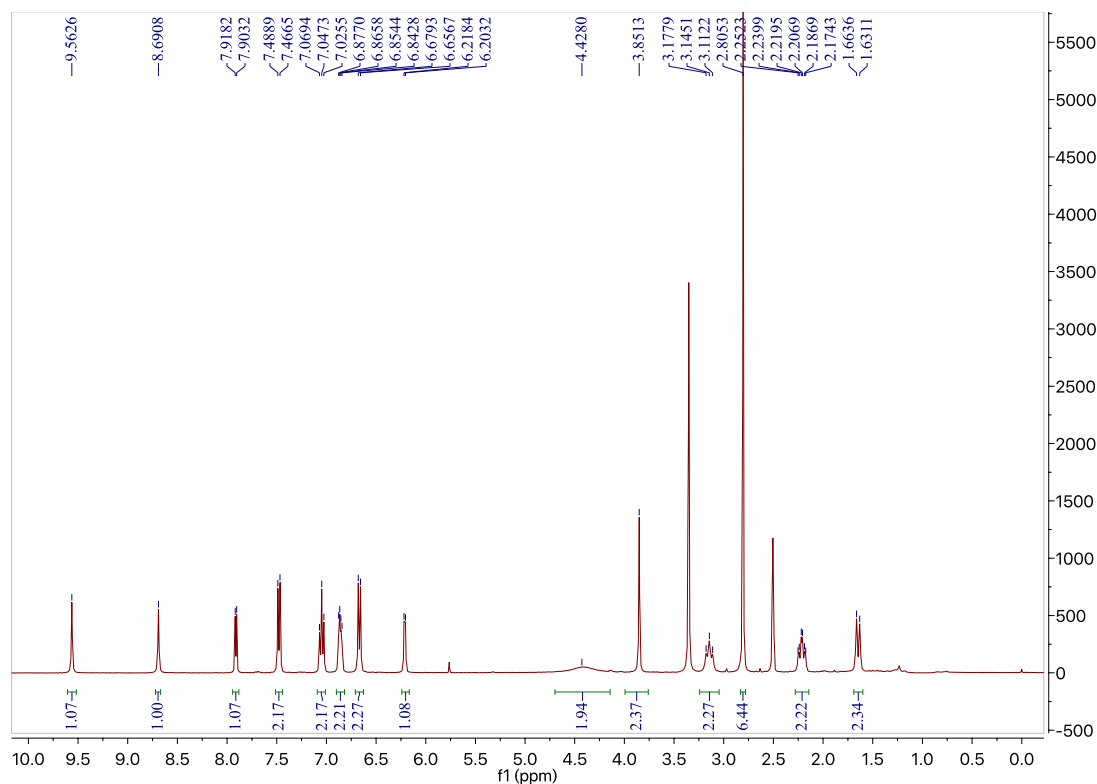


Fig. 23-1 ¹H NMR spectrum of compound 13k

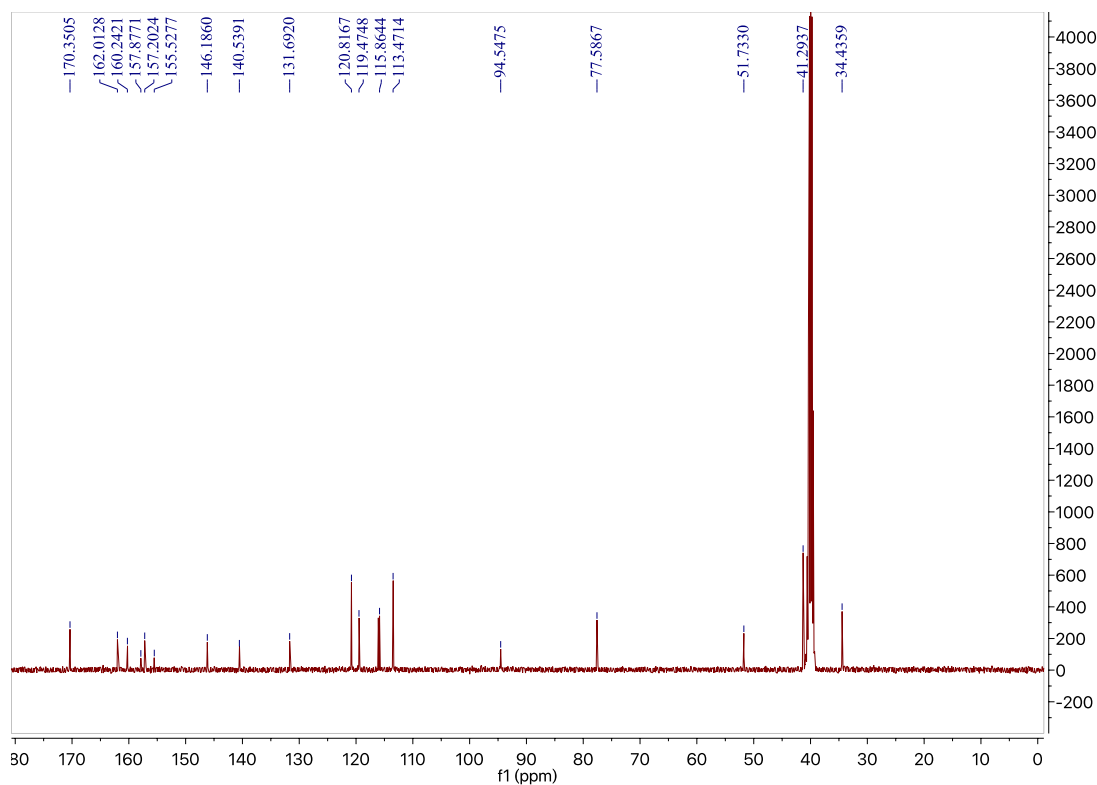


Fig. 23-2 ¹³C NMR spectrum of compound 13k

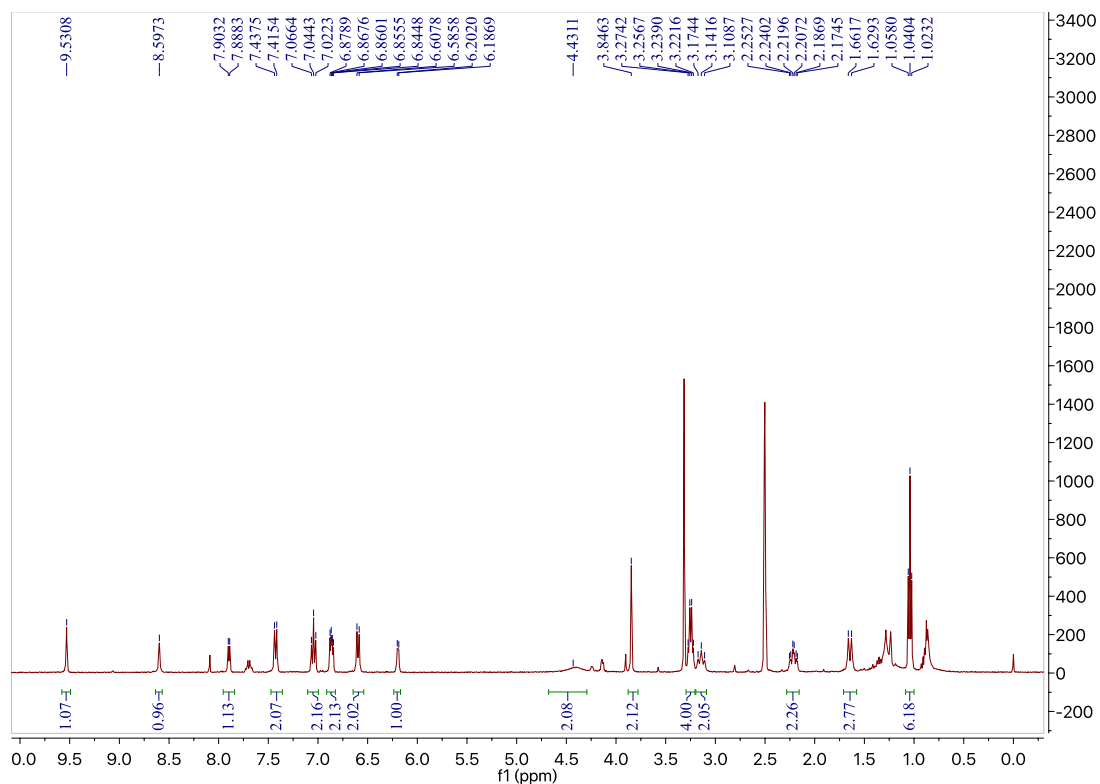


Fig. 24-1 ¹H NMR spectrum of compound 13l

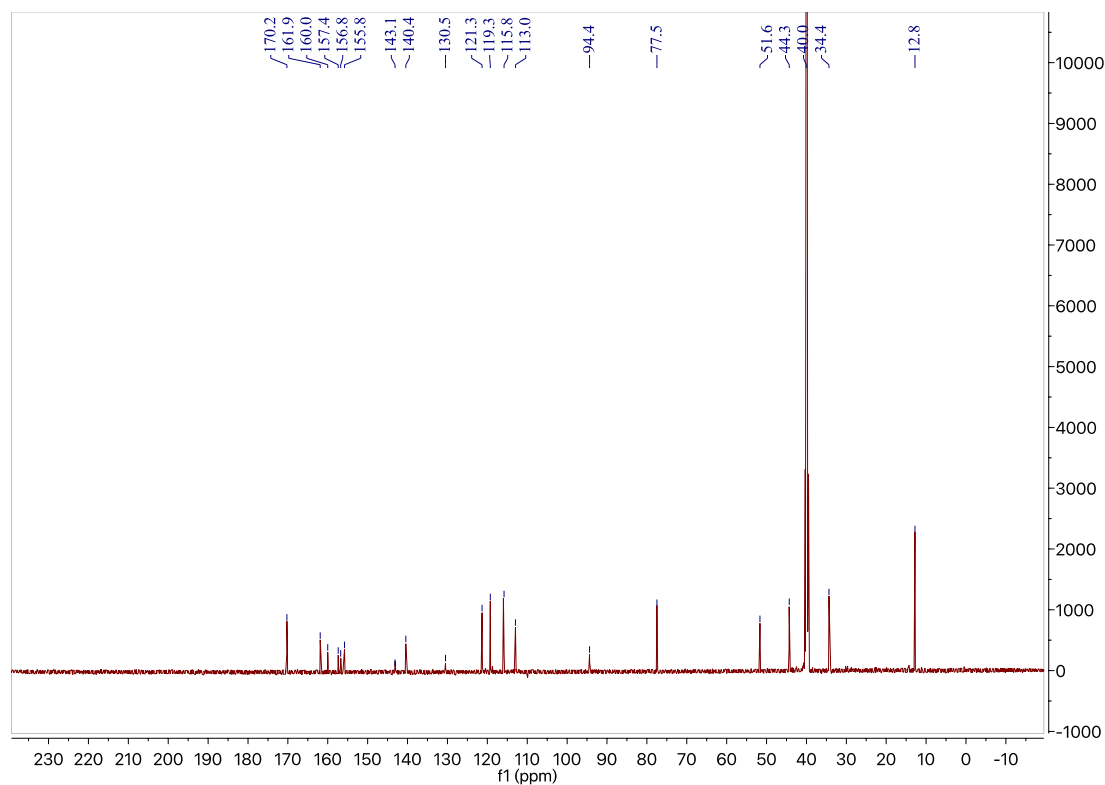


Fig. 24-2 ¹³C NMR spectrum of compound 13l