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APPENDIX



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Figure 7 The flowering and fruiting branch of *Fissistigma polyanthoides* (DC.) Merr

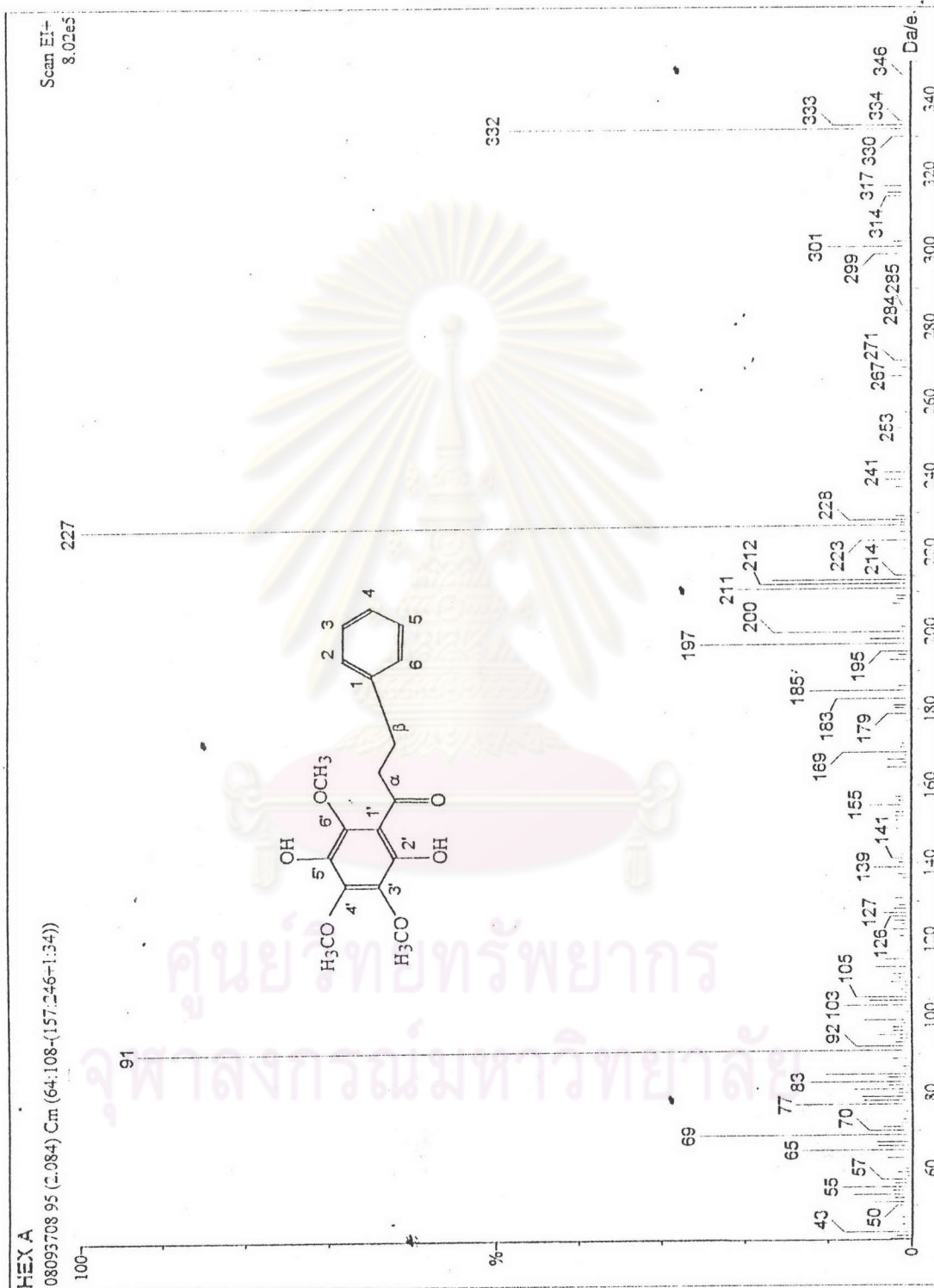


Figure 8 The eims spectrum of compound HEX-A

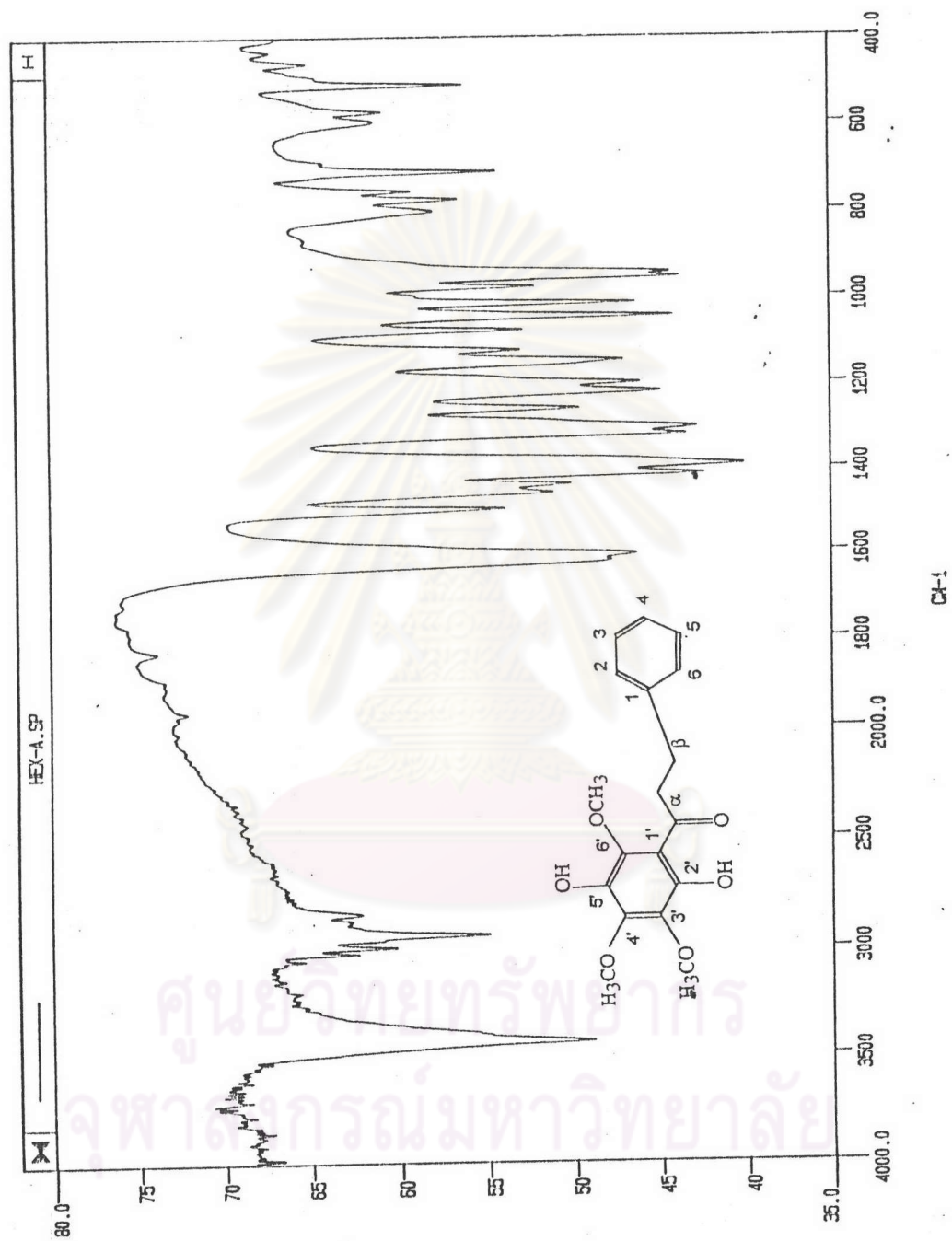


Figure 9 The ir spectrum of compound HEX-A

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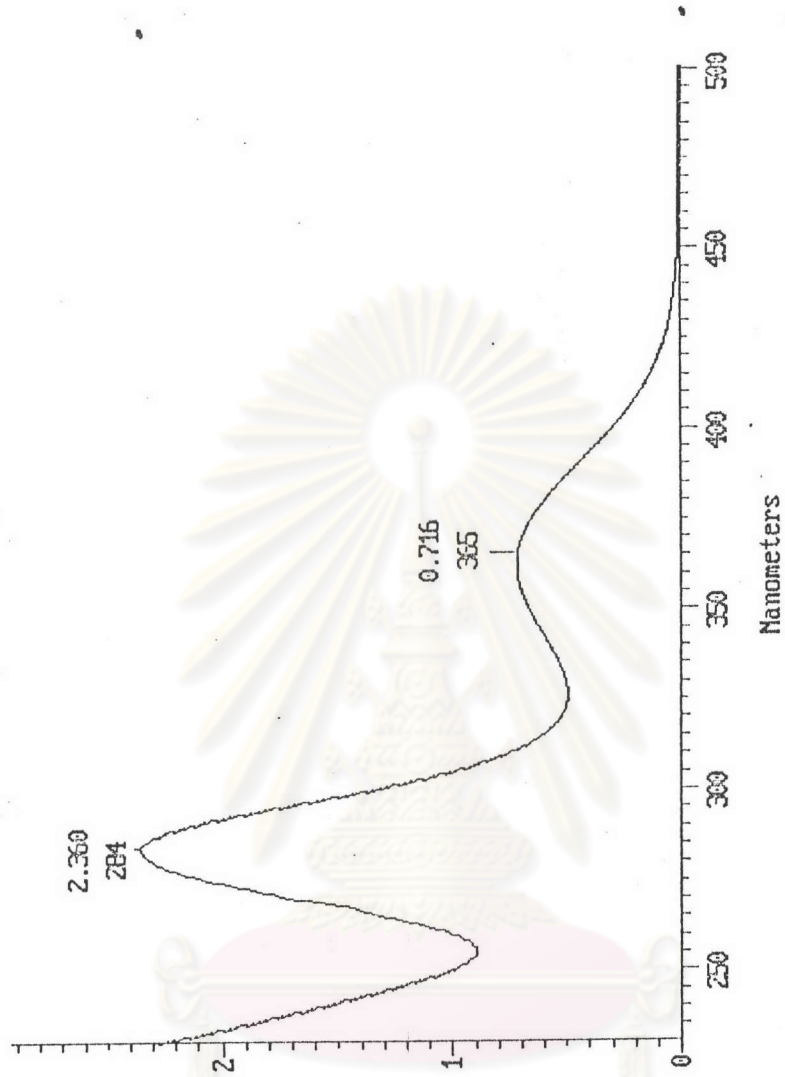
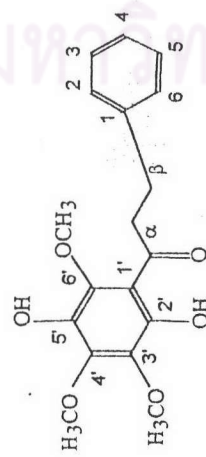


Figure 10 The uv spectrum of compound HEX-A in MeOH



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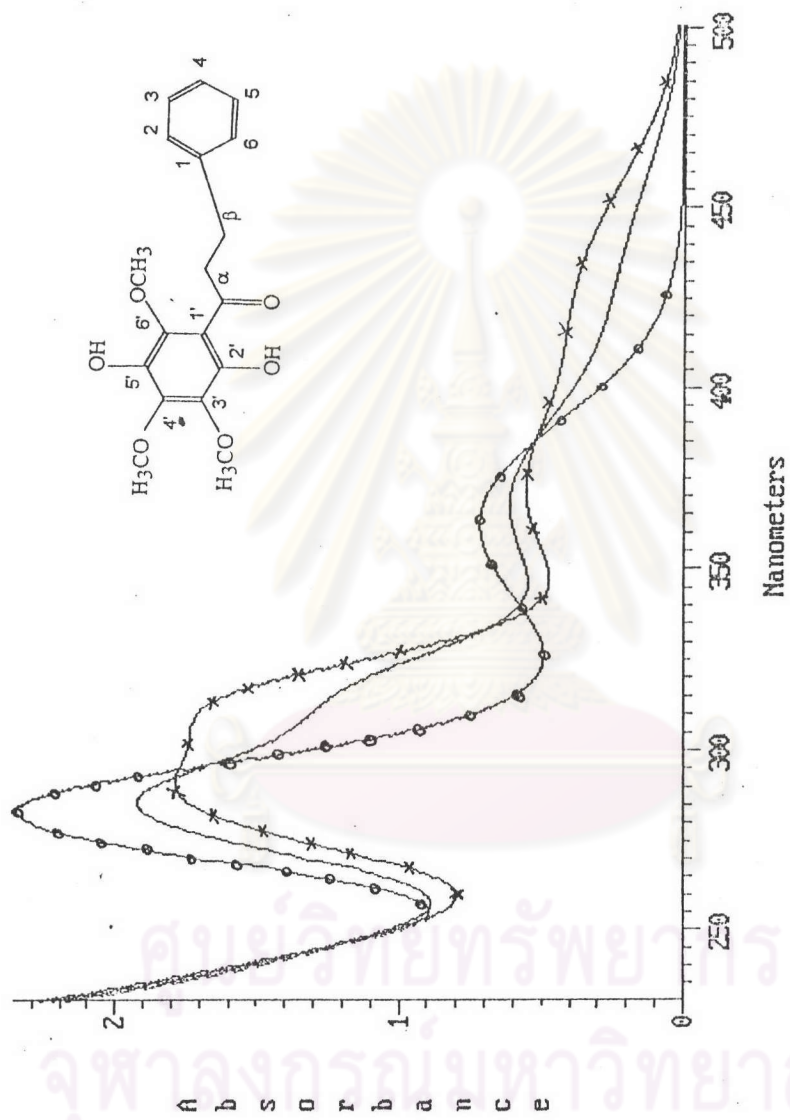


Figure 11 The uv spectra of compound HEX-A

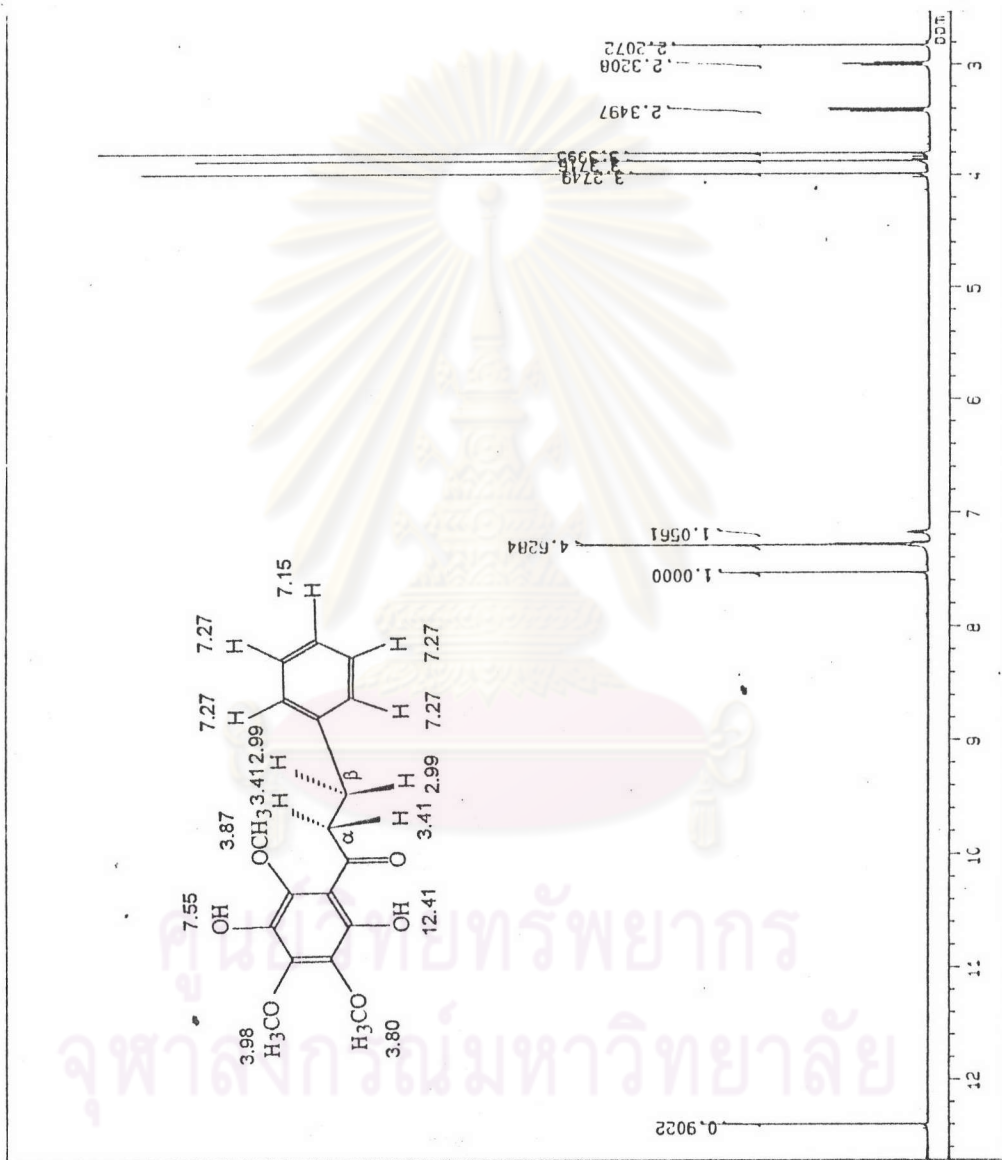


Figure 12 The 500 MHz ¹H NMR spectrum of compound HEX-A in acetone-d₆

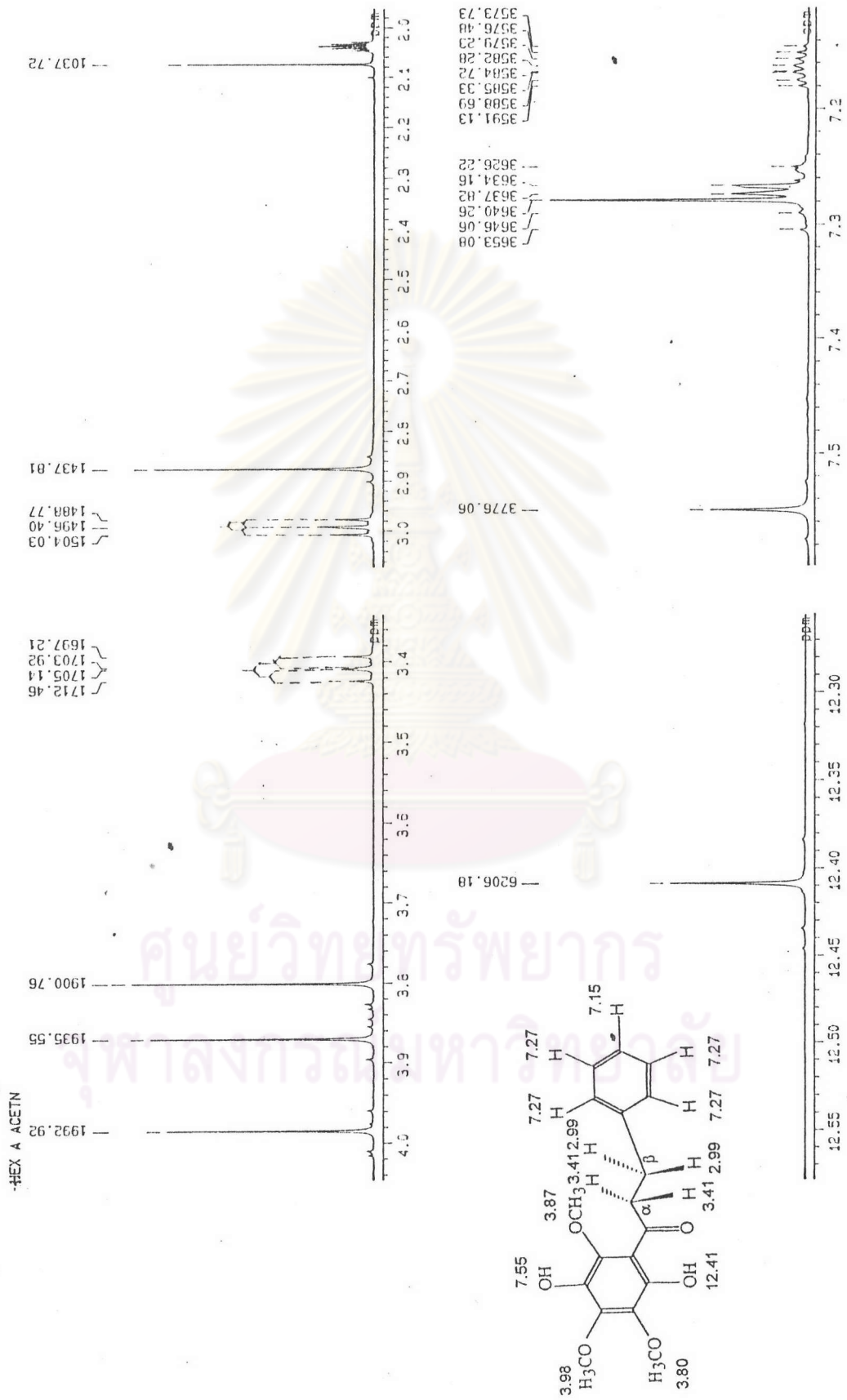


Figure 13 The partial expanded 500 MHz ¹H NMR spectrum of compound HEX-A in acetone-d₆

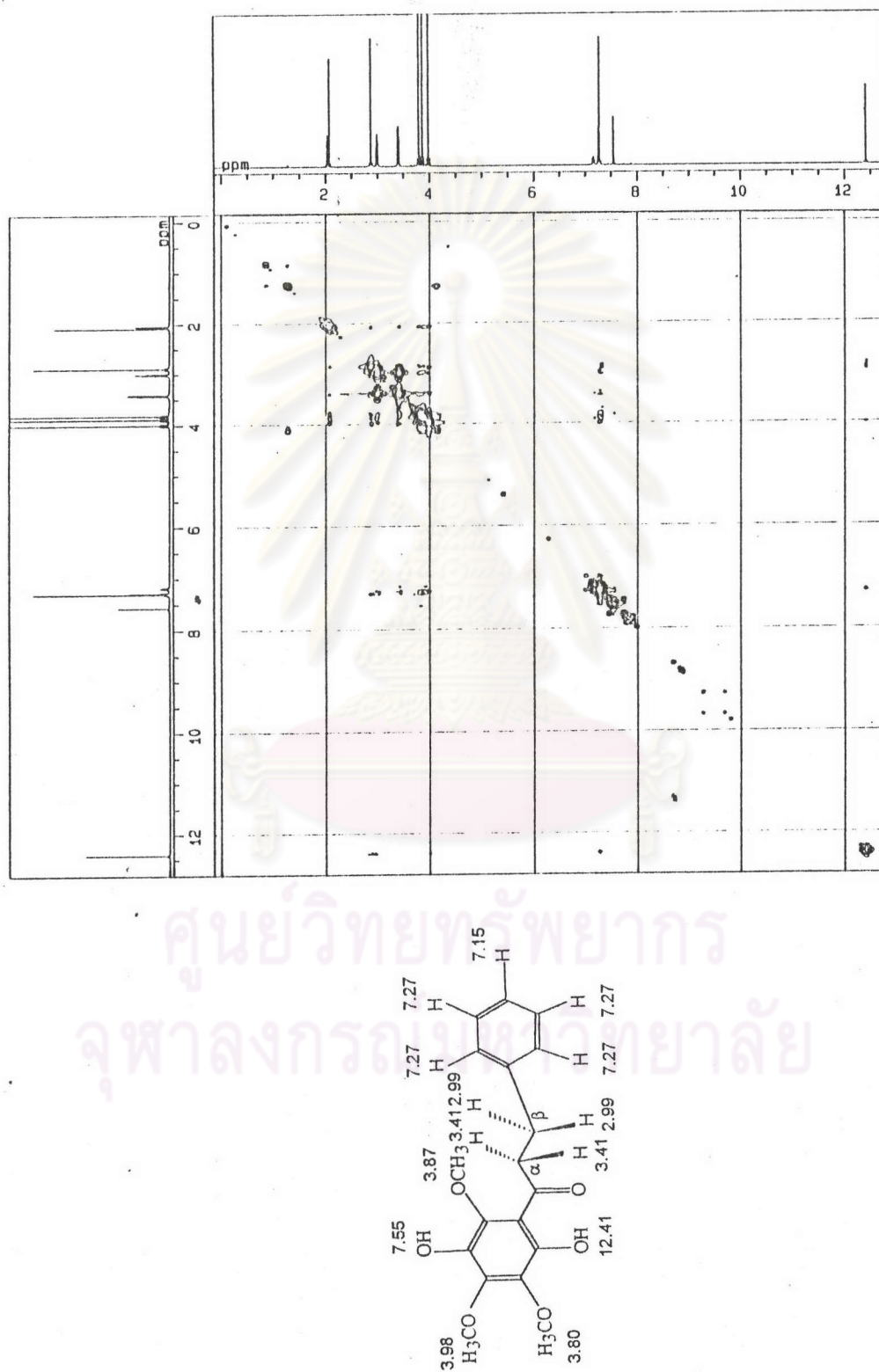


Figure 14 The ^1H , ^1H COSY spectrum of compound HEX-A in acetone- d_6

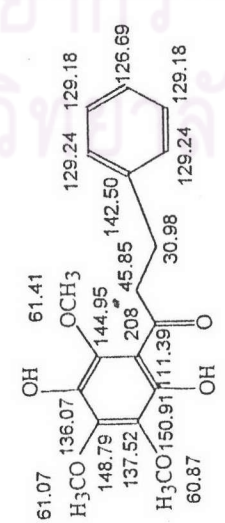
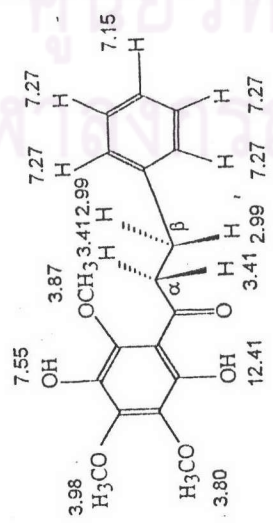
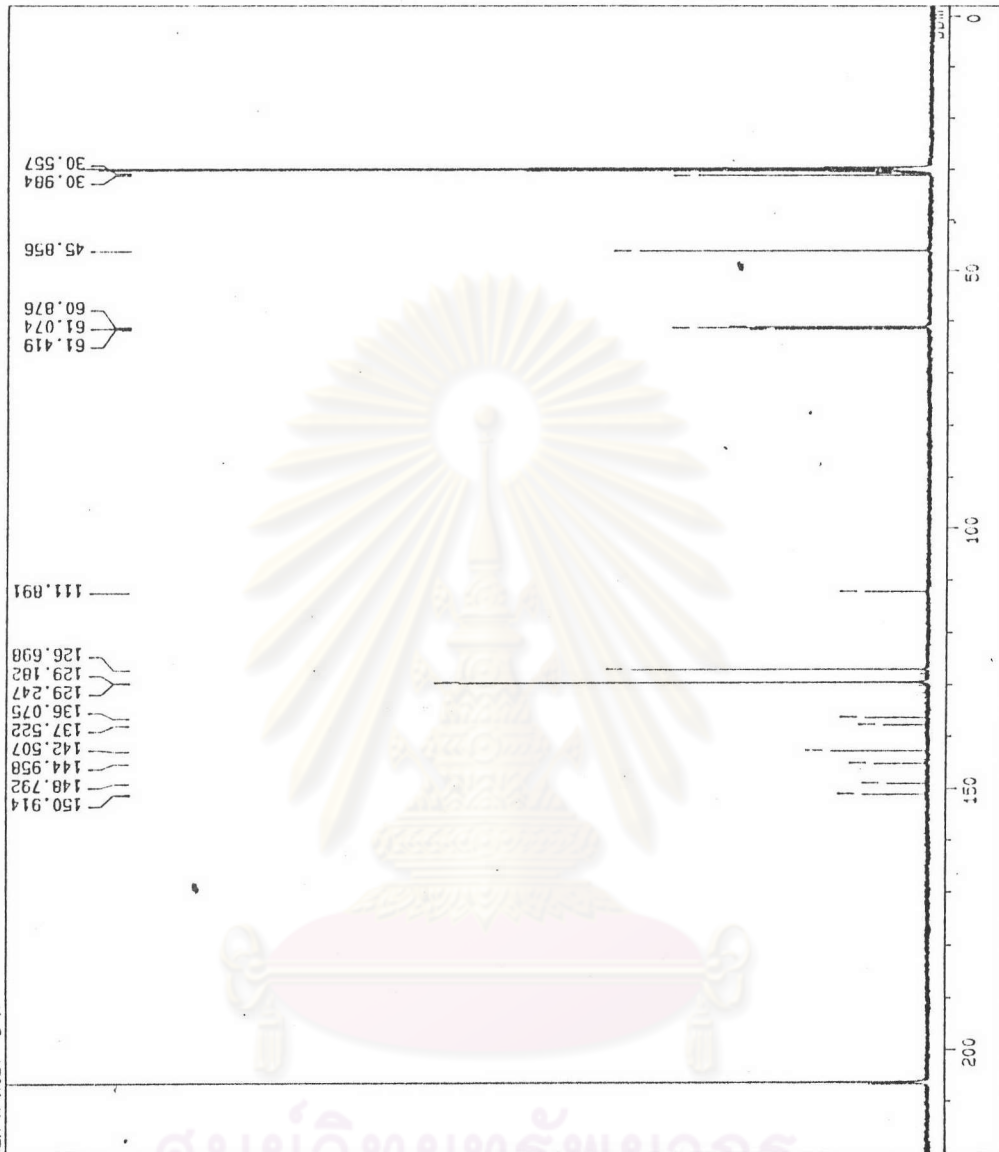


Figure 15 The 125 MHz ^{13}C NMR spectrum of compound HEX-A in acetone- d_6

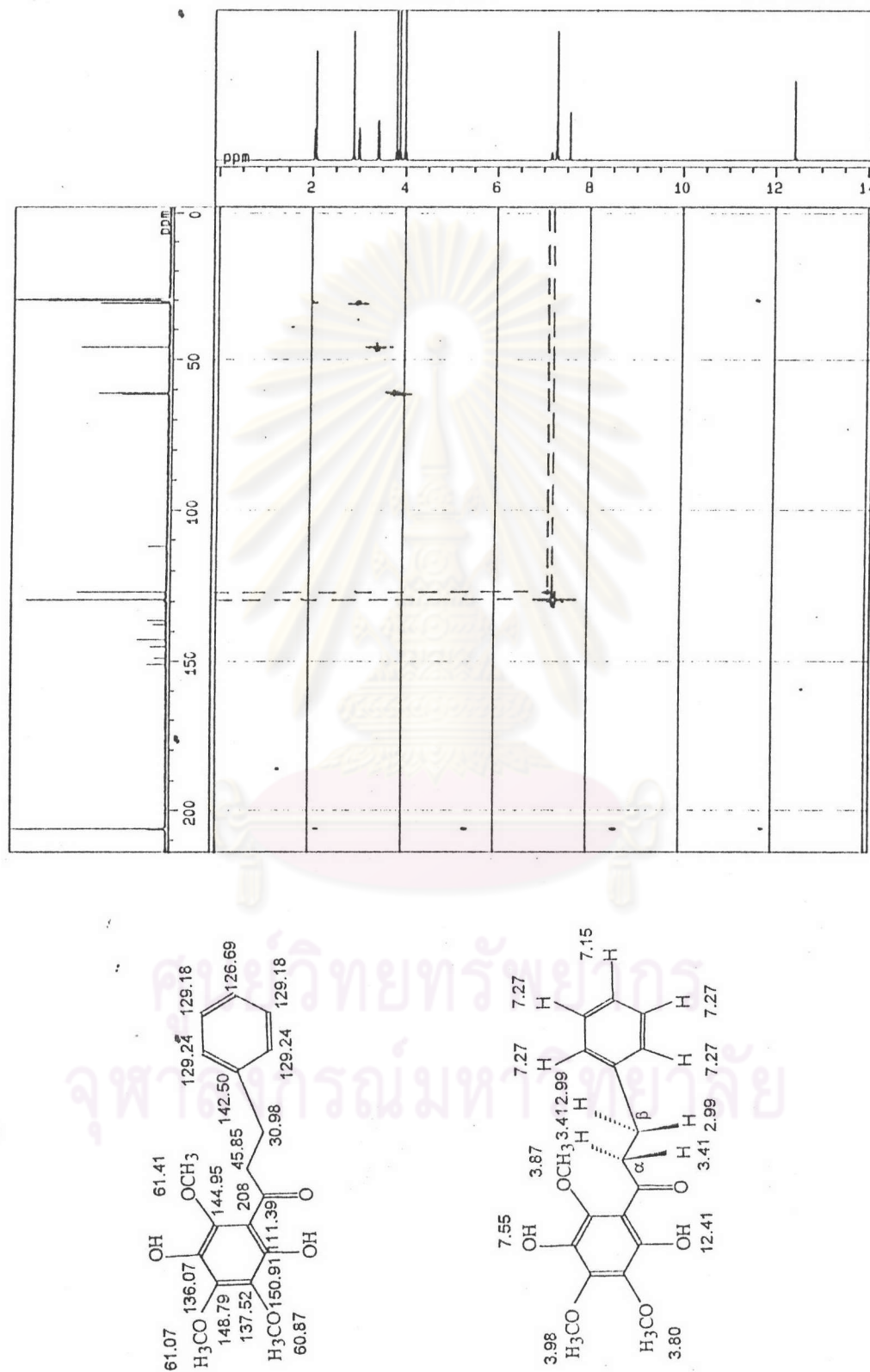


Figure 16 The ^1H , ^{13}C COSY spectrum of compound HEX-A in acetone- d_6

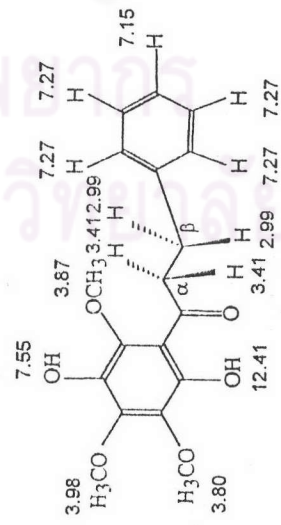
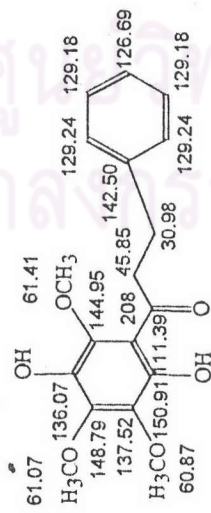
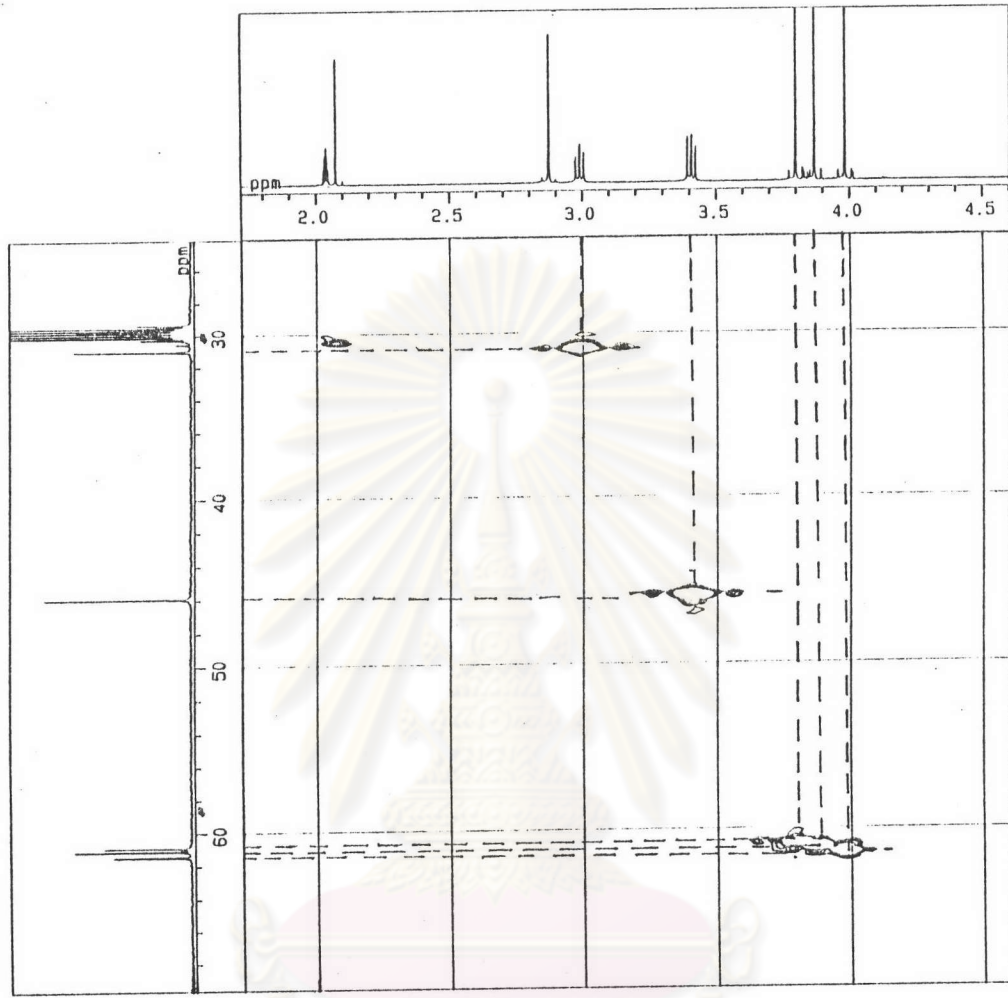


Figure 17 The partial expanded ¹H, ¹³C COSY spectrum of compound HEX-A in acetone-d₆

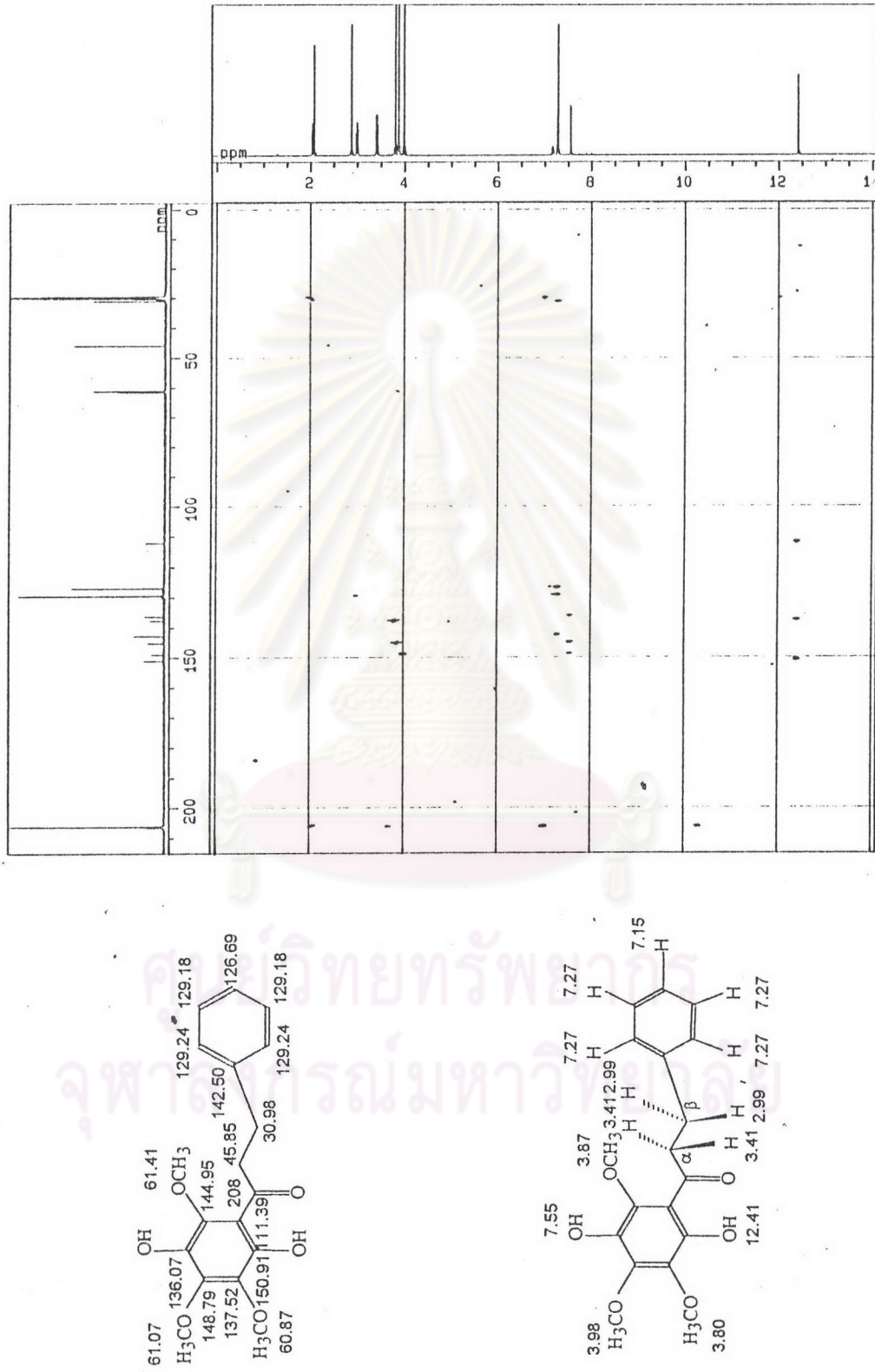


Figure 18 The ^1H , ^{13}C COLOC spectrum of compound HEX-A in acetone- d_6

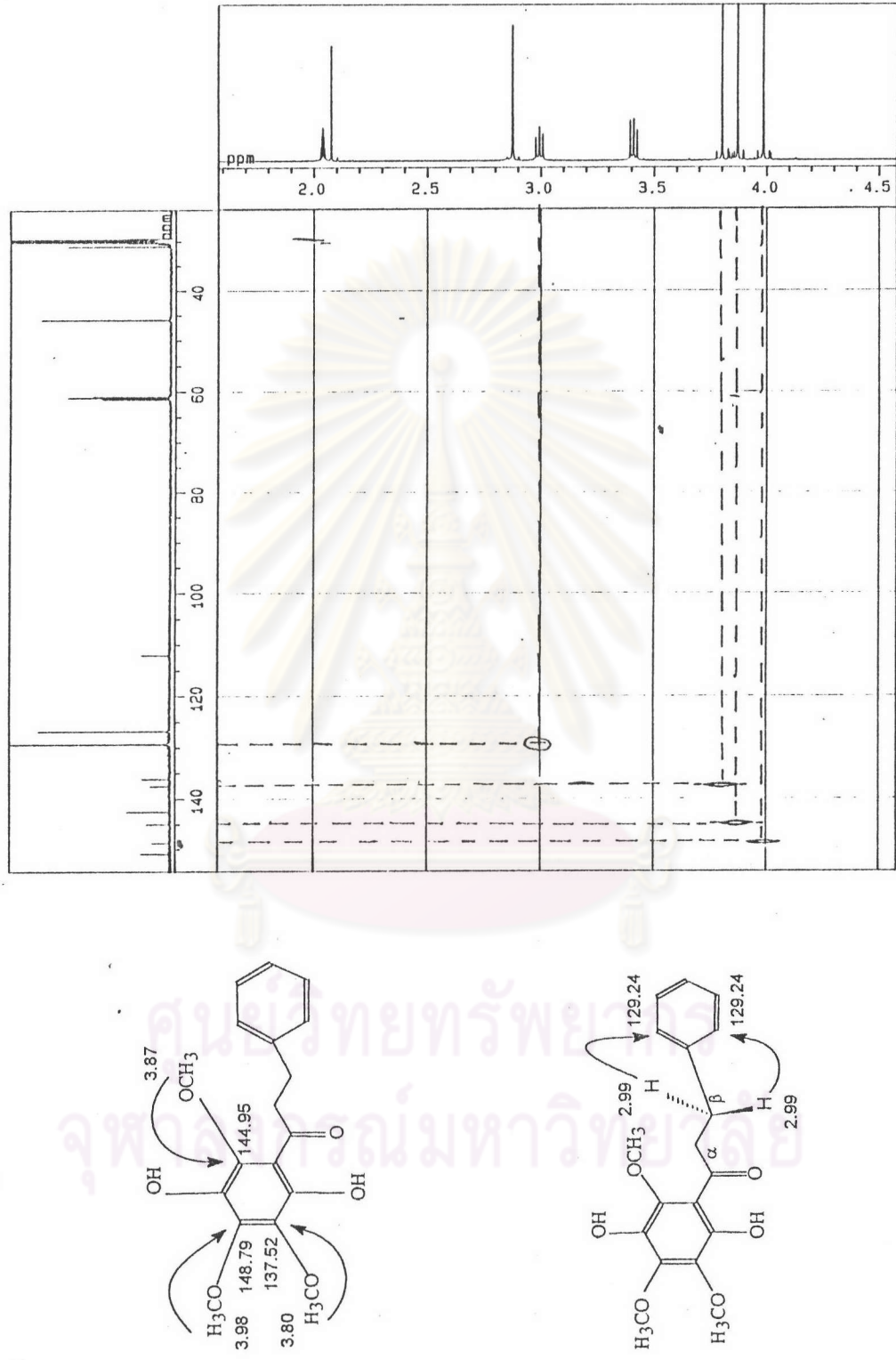


Figure 19 The partial expanded ¹H, ¹³C COLOC spectrum of compound HEX-A in acetone-d₆

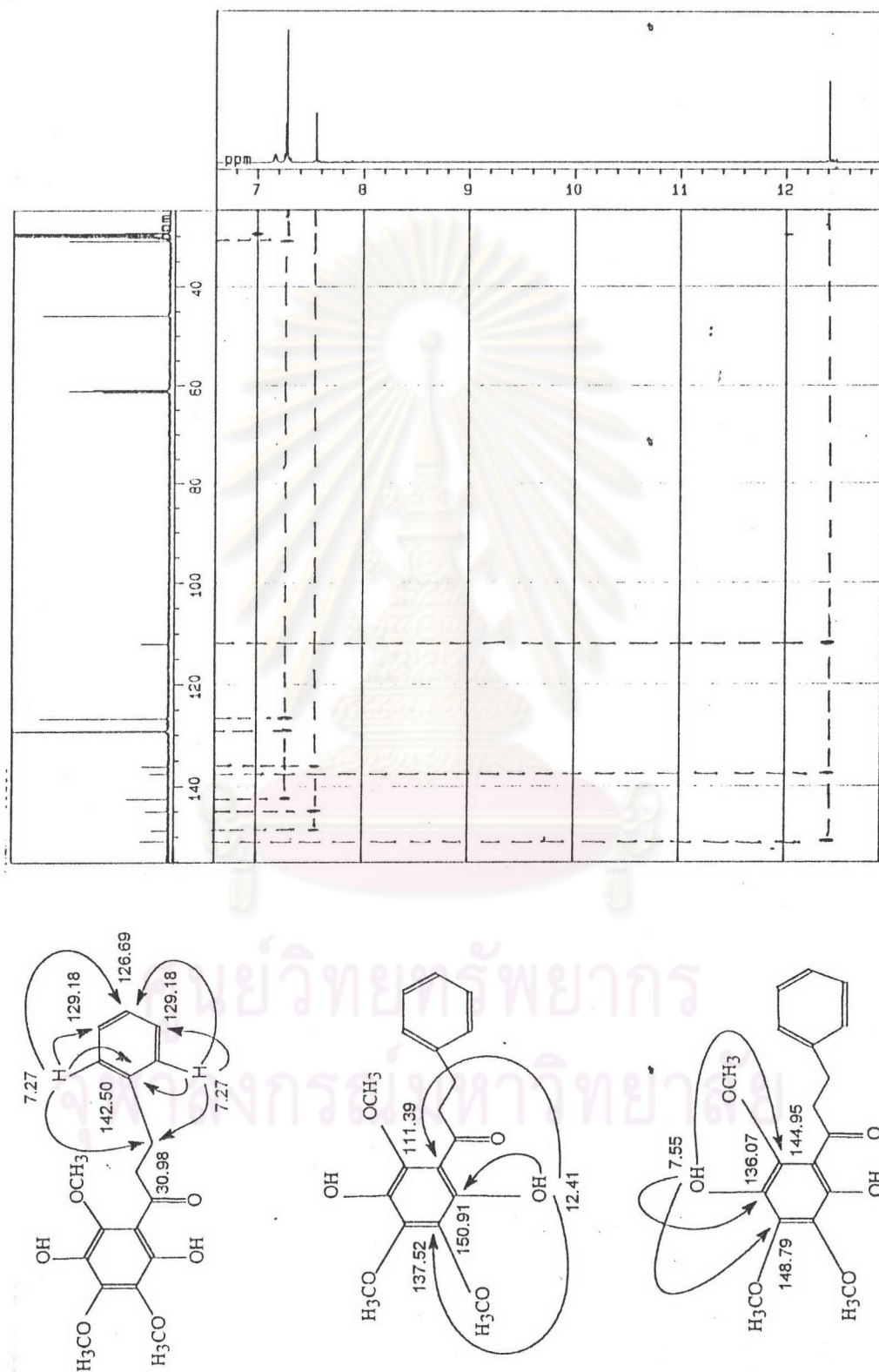


Figure 20 The partial expanded ^1H , ^{13}C COLOC spectrum of compound HEX-A in acetone- d_6

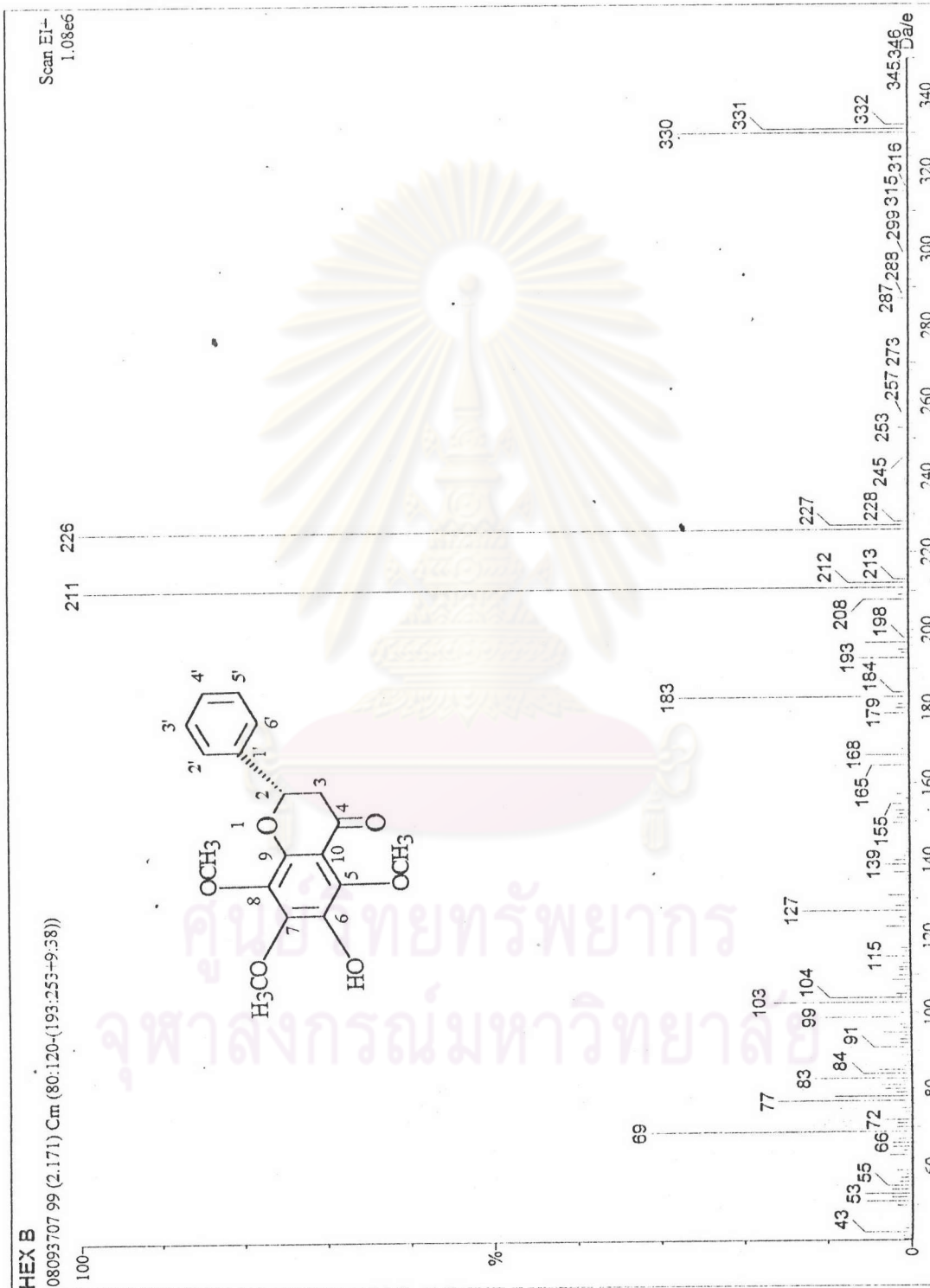


Figure 21 The eims spectrum of compound HEX-B

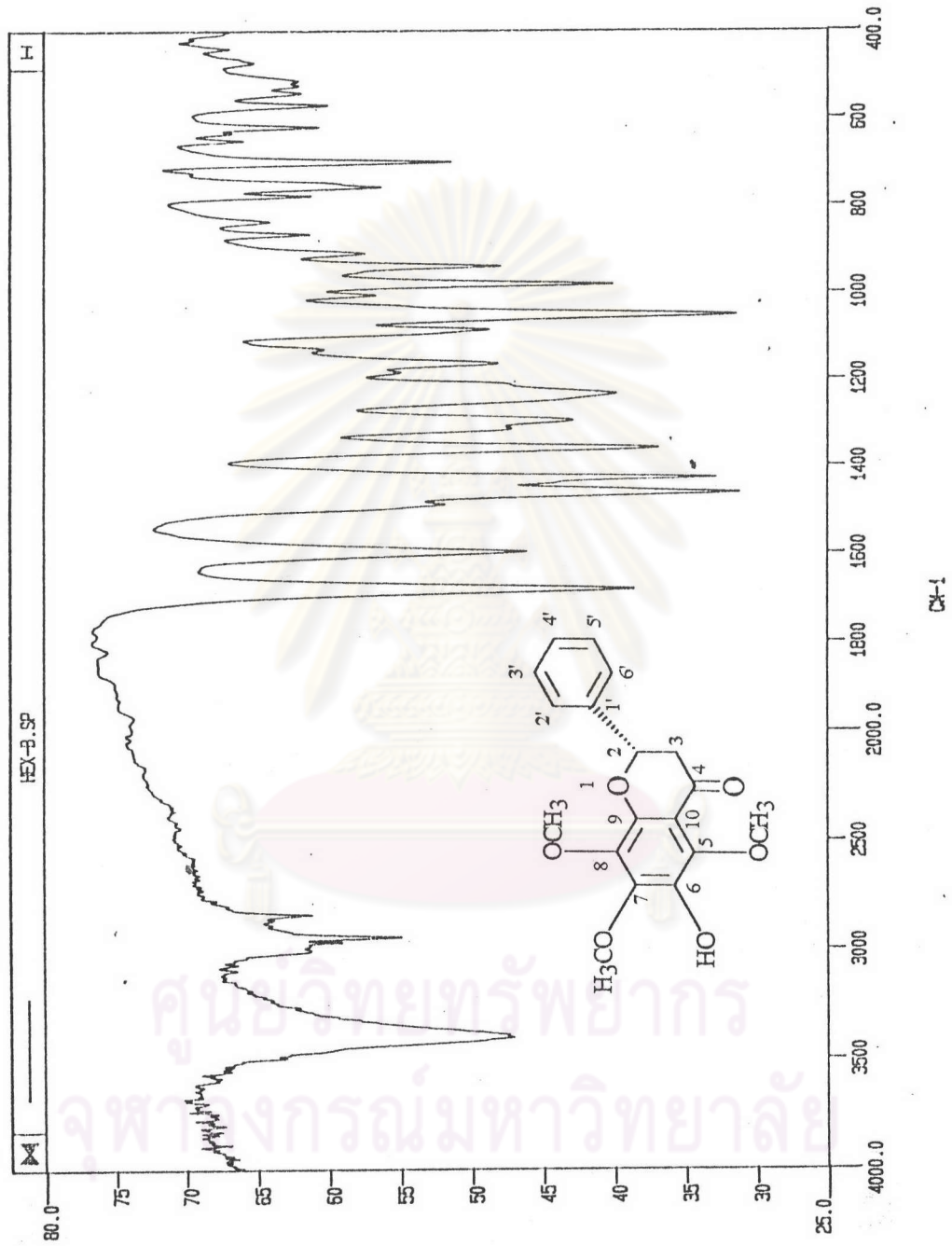


Figure 22 The ir spectrum of compound HEX-B

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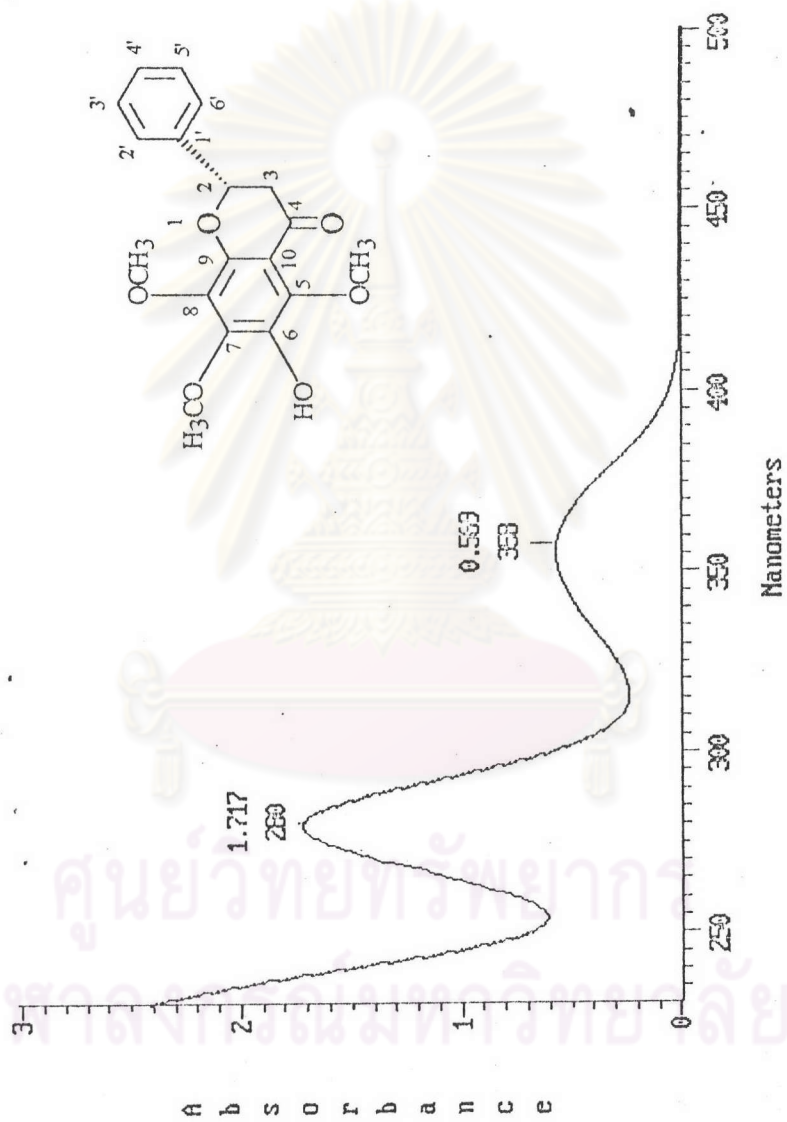


Figure 23 The uv spectrum of compound HEX-B in MeOH

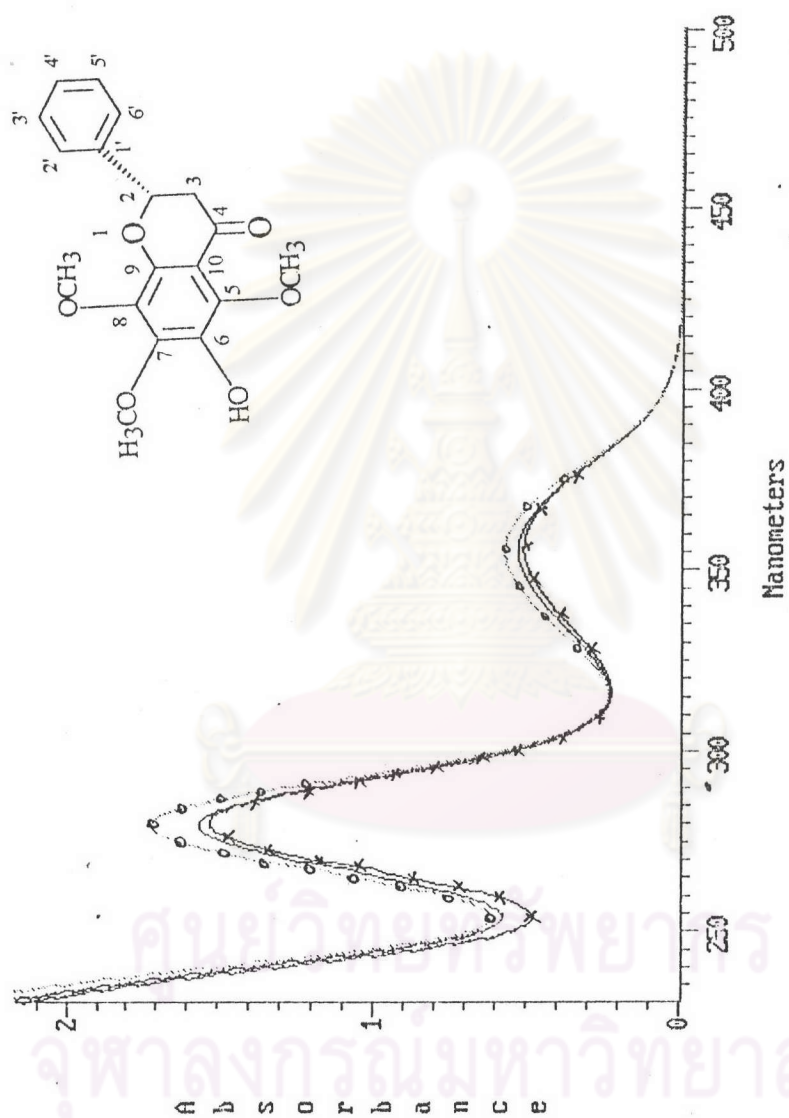


Figure 24 The uv spectra of compound HEX-B

- in MeOH
- in MeOH + AlCl₃
- ×—×—× in MeOH + AlCl₃ + HCl

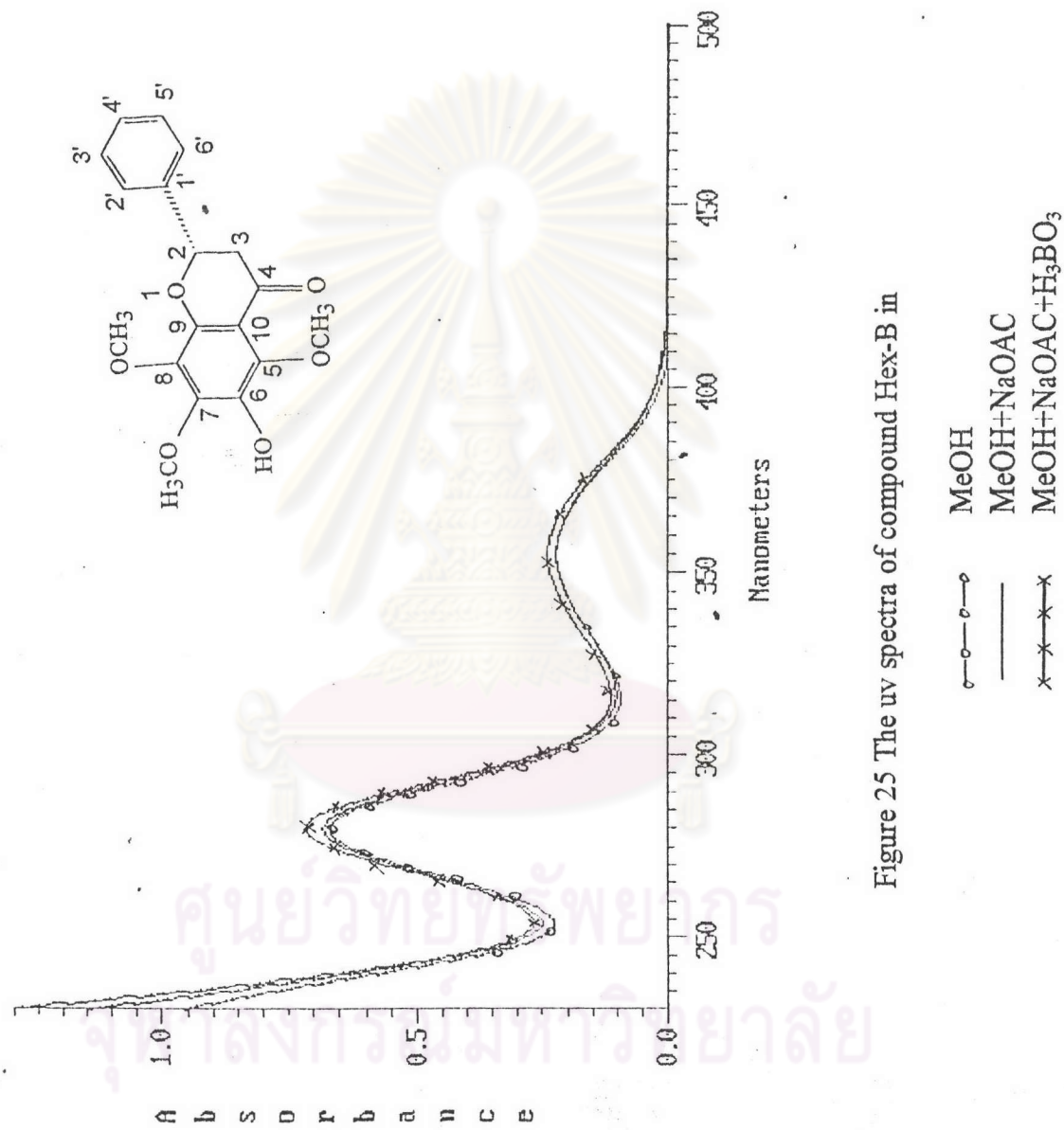


Figure 25 The uv spectra of compound Hex-B in

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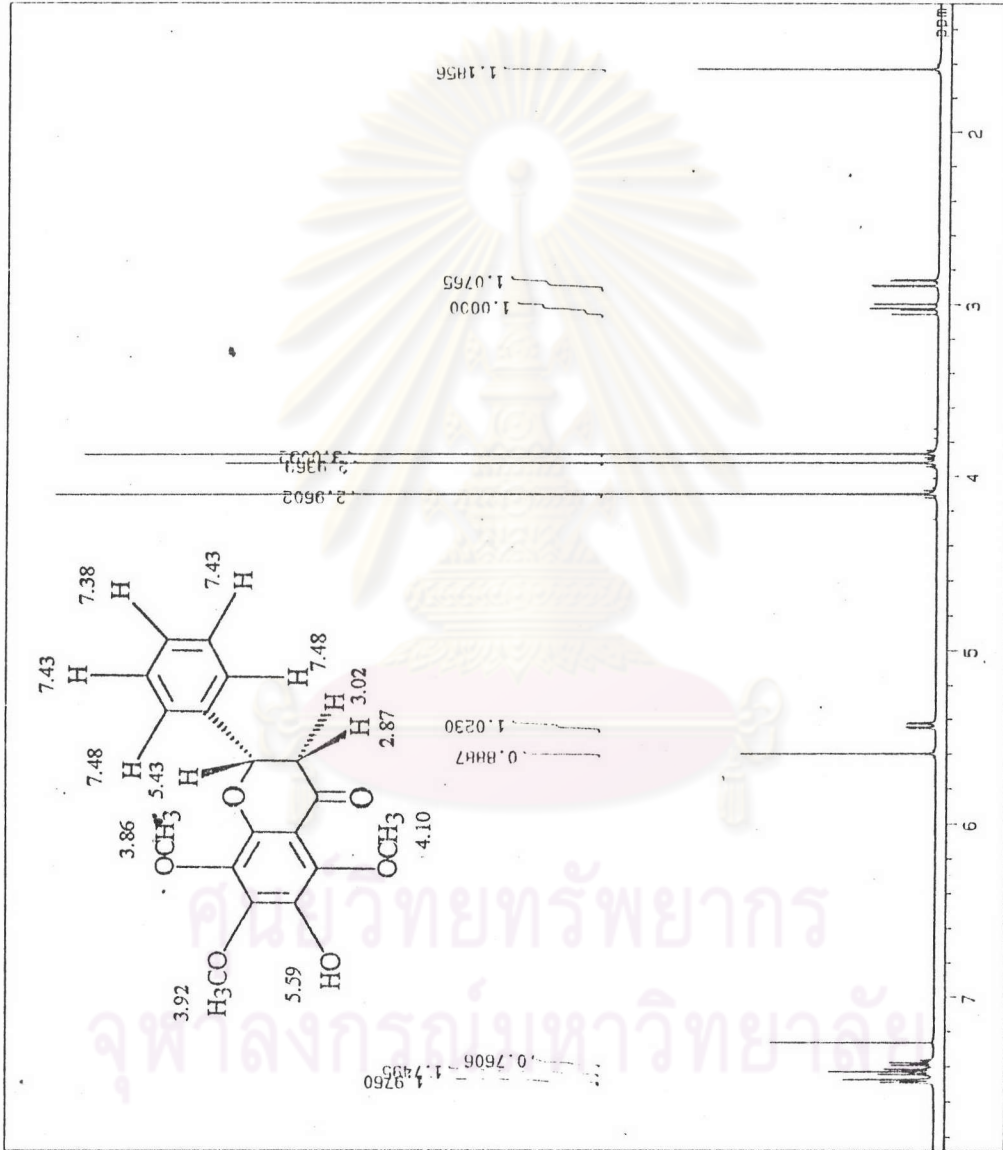


Figure 26 The 500 MHz ¹H NMR spectrum of compound HEX-B in CDCl₃

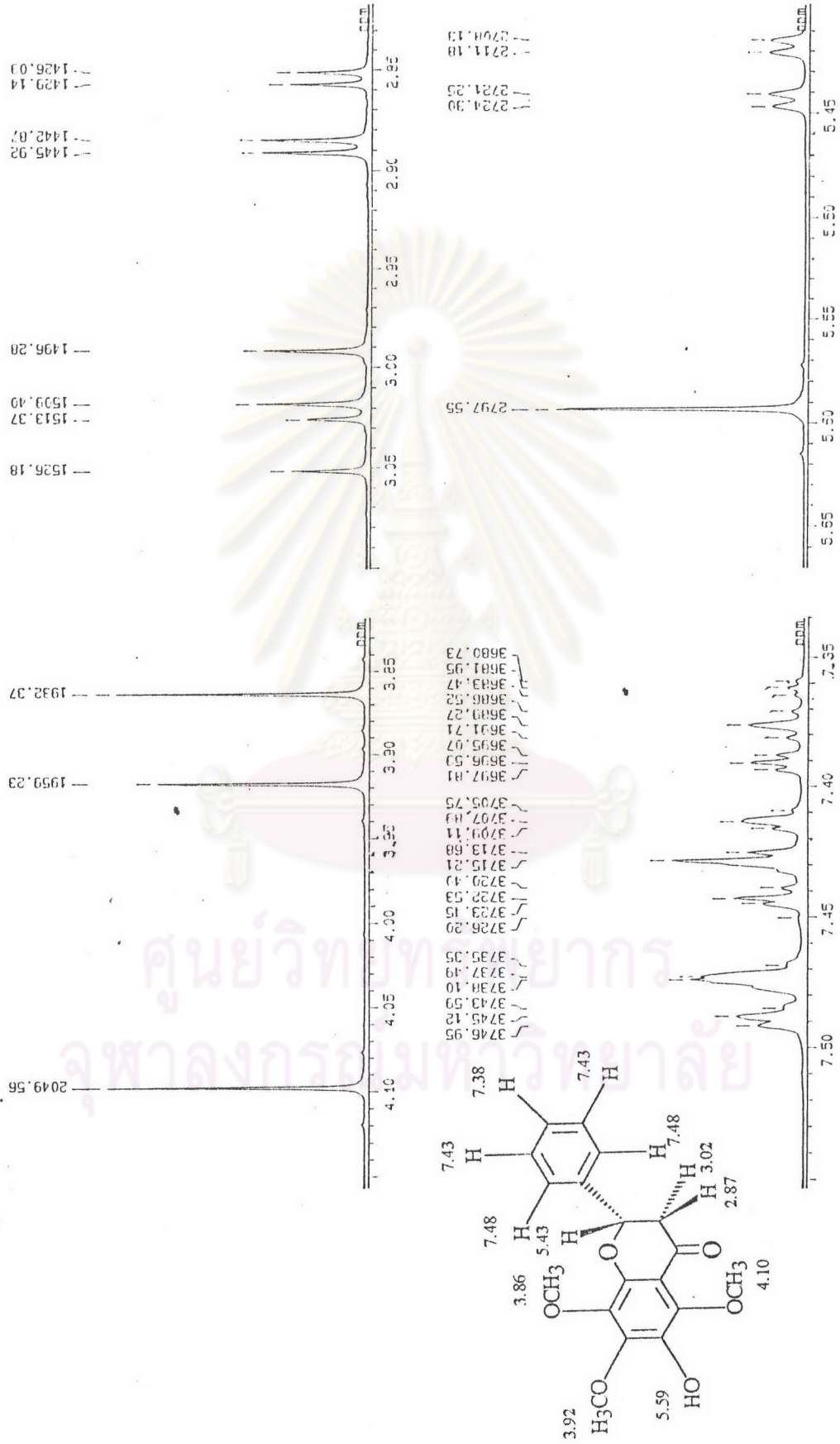
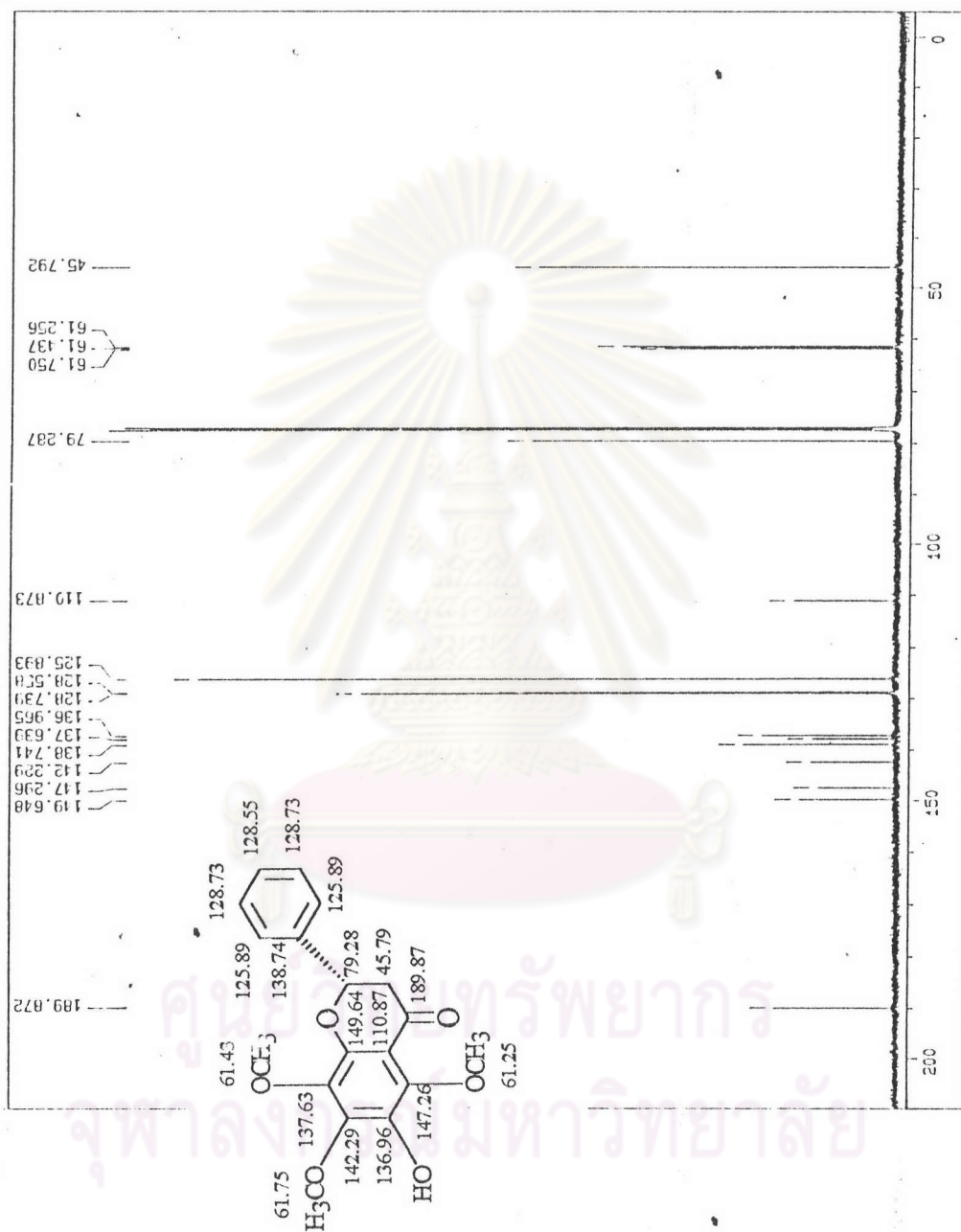


Figure 27 The partial expanded 500 MHz ¹H NMR spectrum of compound HEX-B in CDCl₃

Figure 28 The 125 MHz ^{13}C NMR spectrum of compound HEX-B in CDCl_3

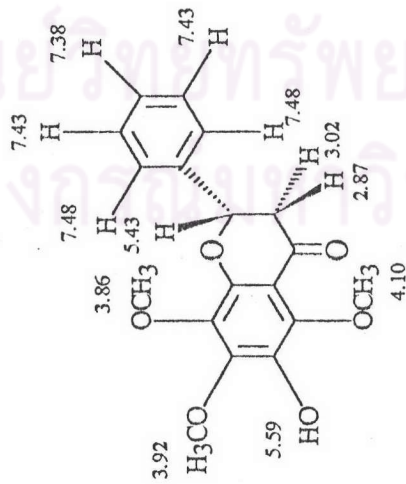
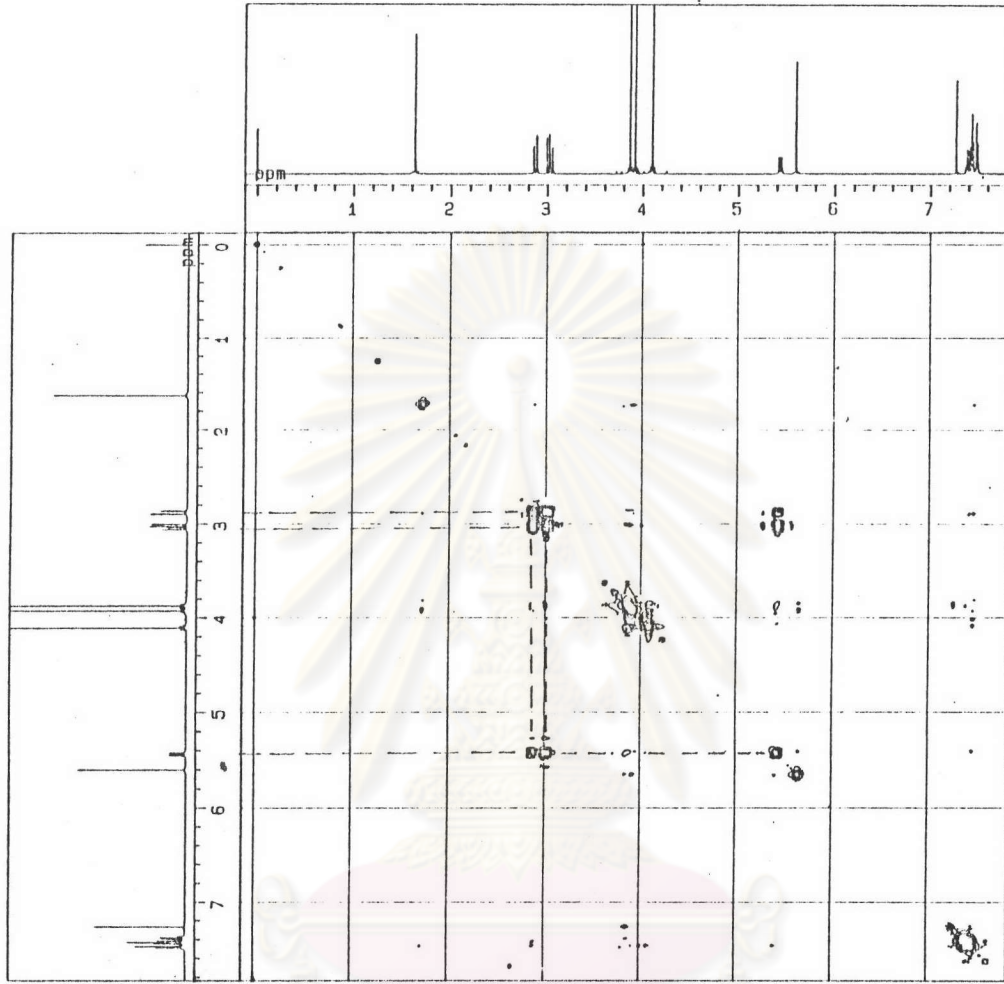


Figure 29 The ¹H, ¹H COSY spectrum of compound HEX-B in CDCl₃

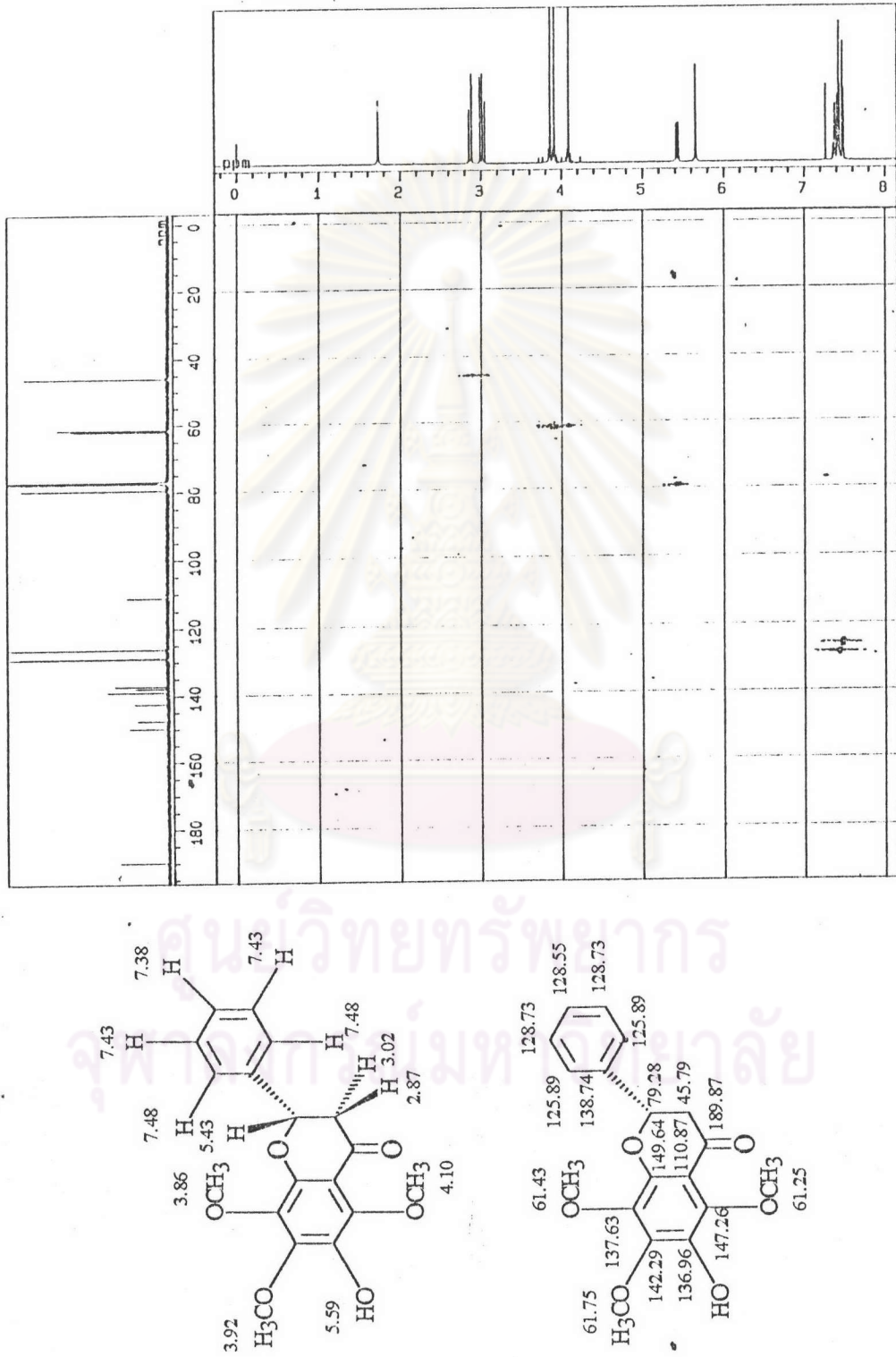


Figure 30 The ¹H, ¹³C COSY spectrum of compound HEX-B in CDCl₃

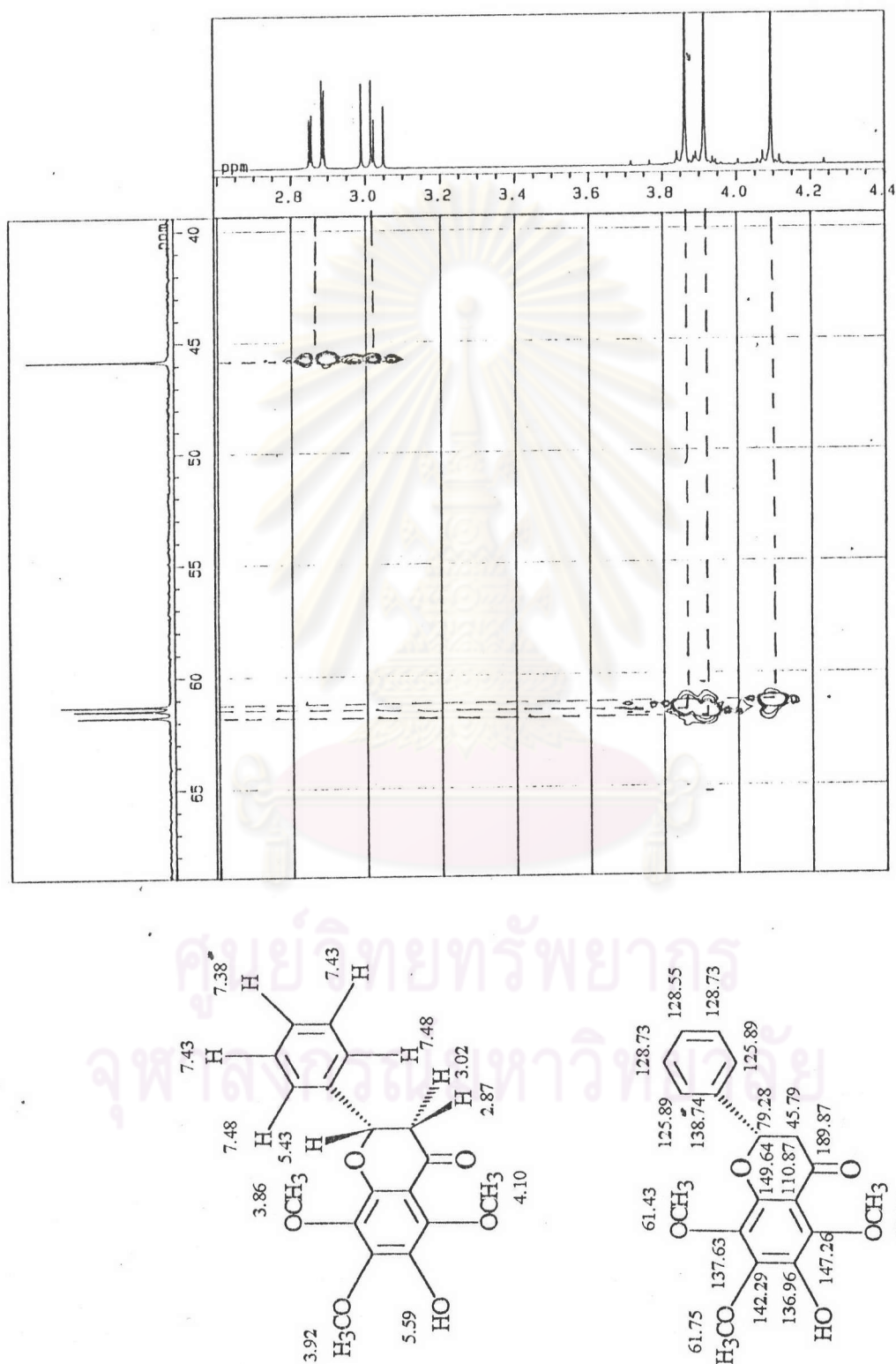


Figure 31 The partial expanded ^1H , ^{13}C COSY spectrum of compound HEX-B in CDCl_3

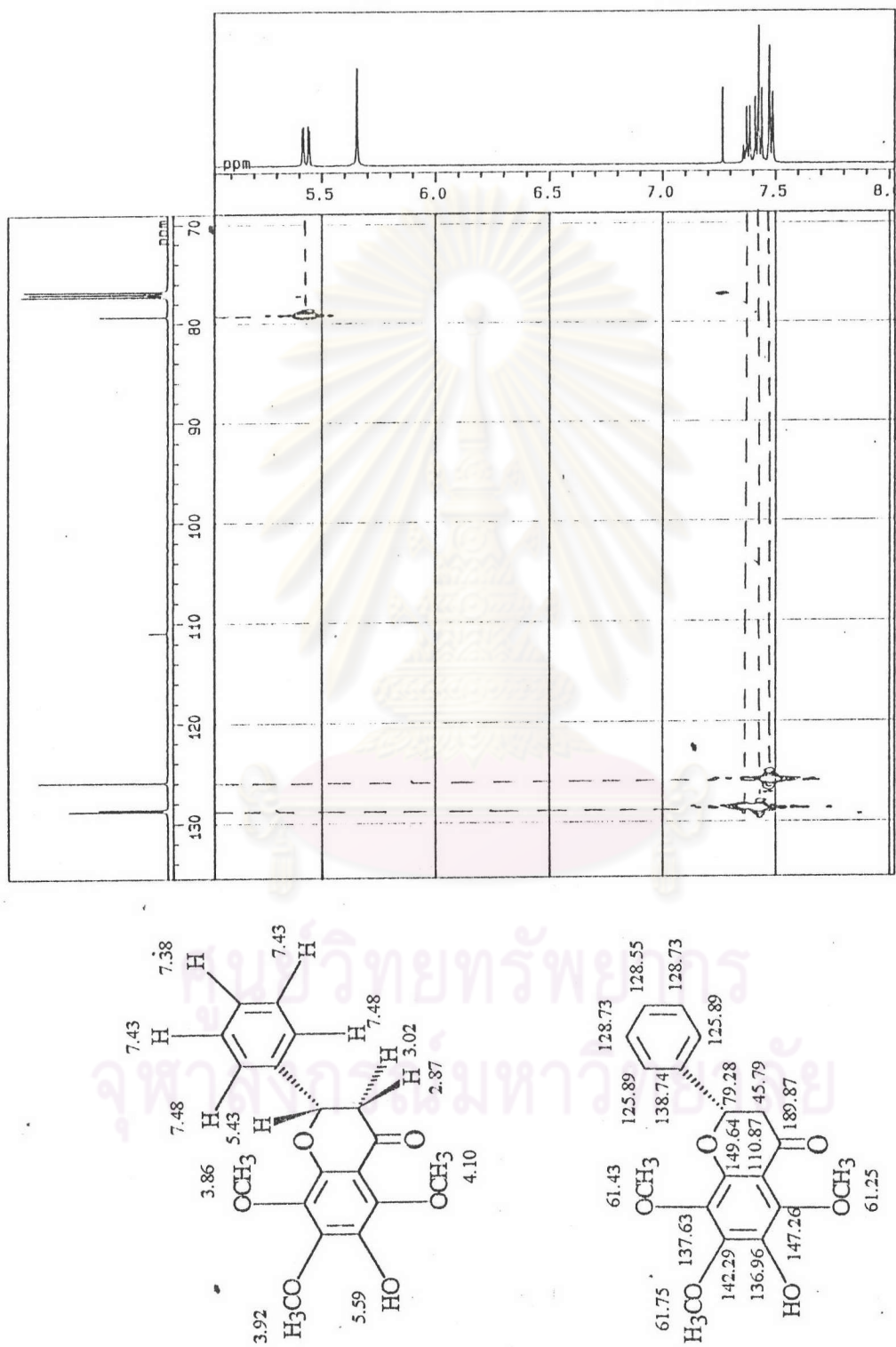


Figure 32 The partial expanded ^1H , ^{13}C COSY spectrum of compound HEX-B in CDCl_3

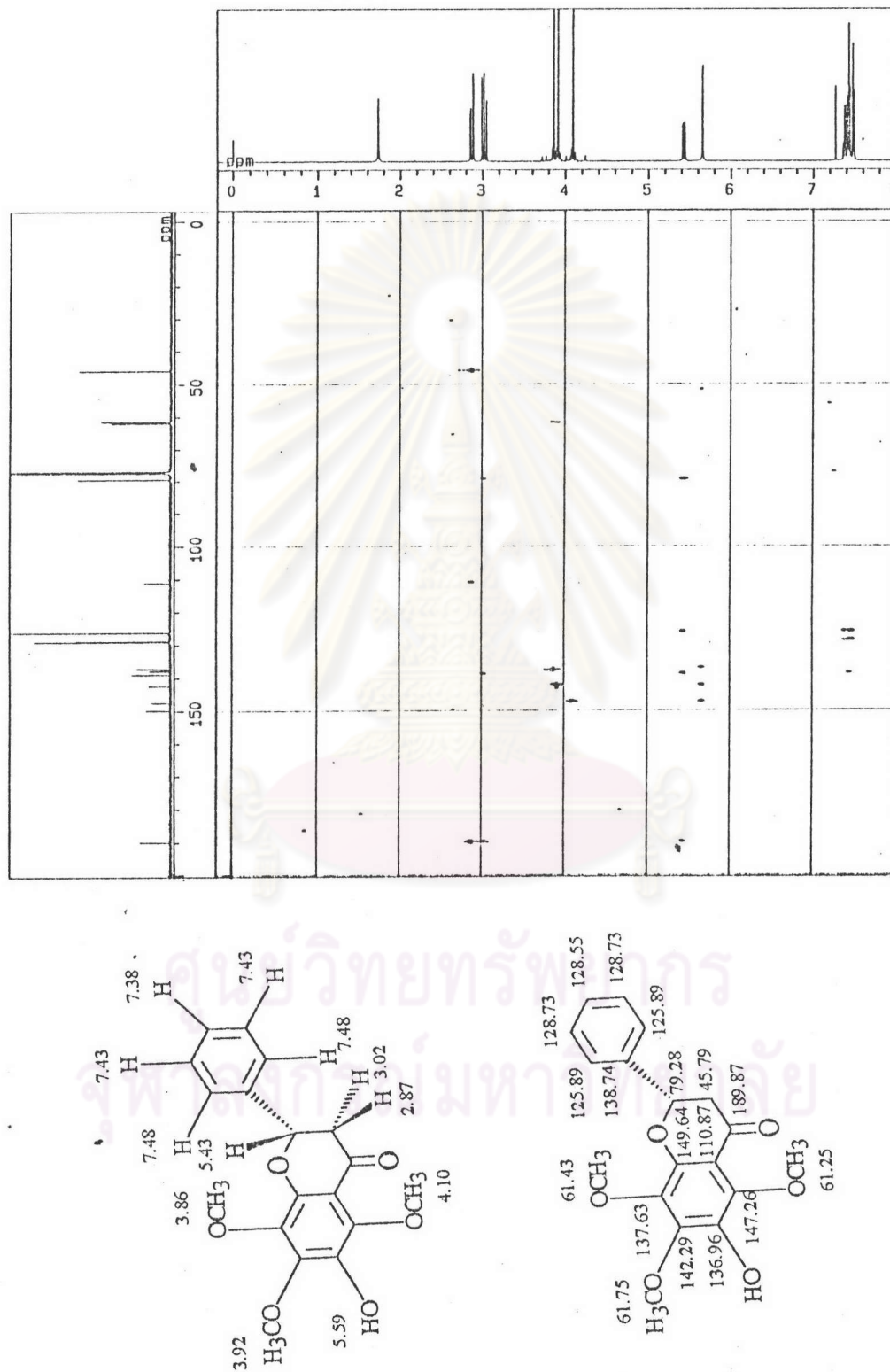


Figure 33 The ^1H , ^{13}C COLOC spectrum of compound HEX-B in CDCl_3

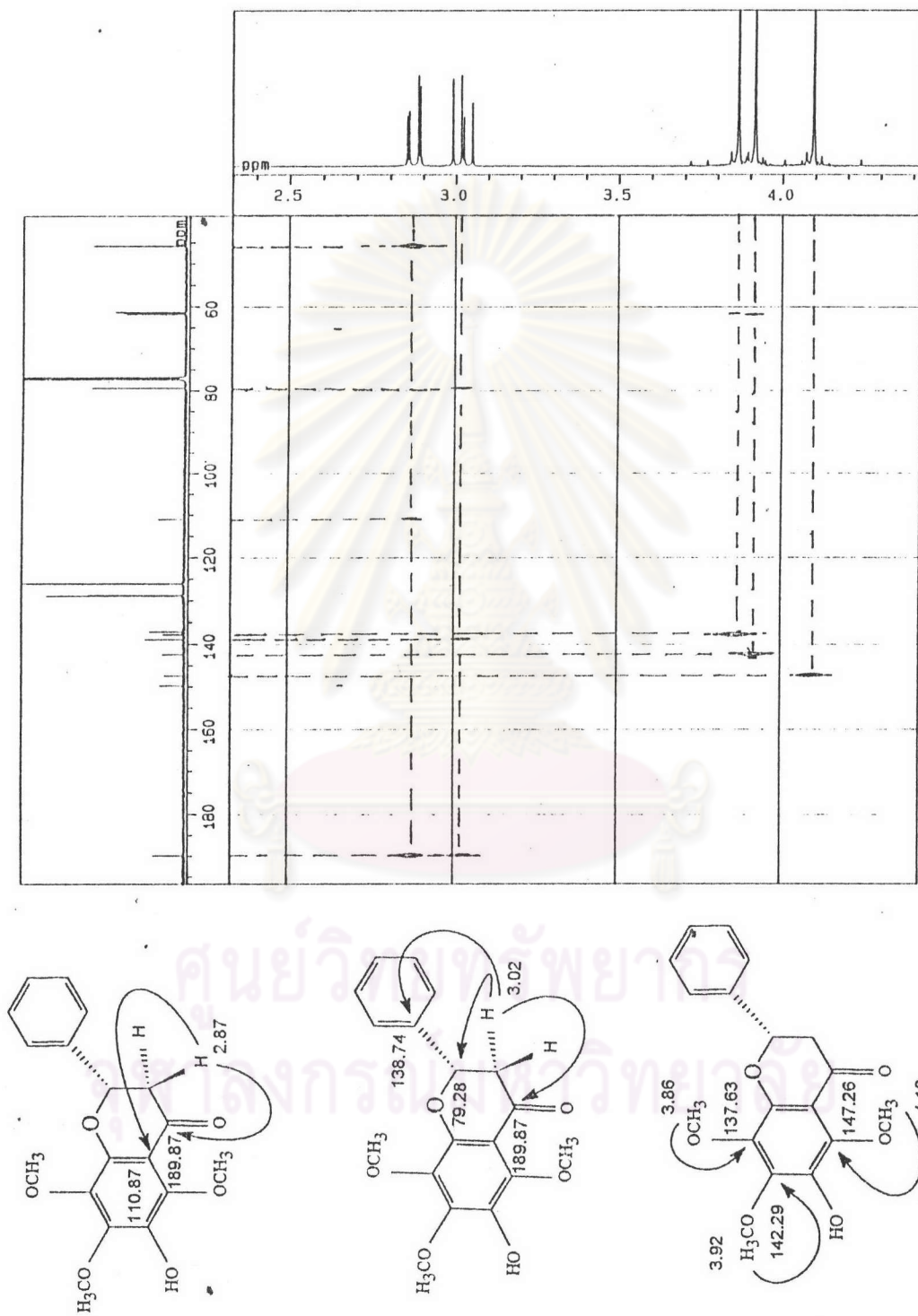


Figure 34 The partial expanded ^1H , ^{13}C COLOC spectrum of compound HEX-B in CDCl_3

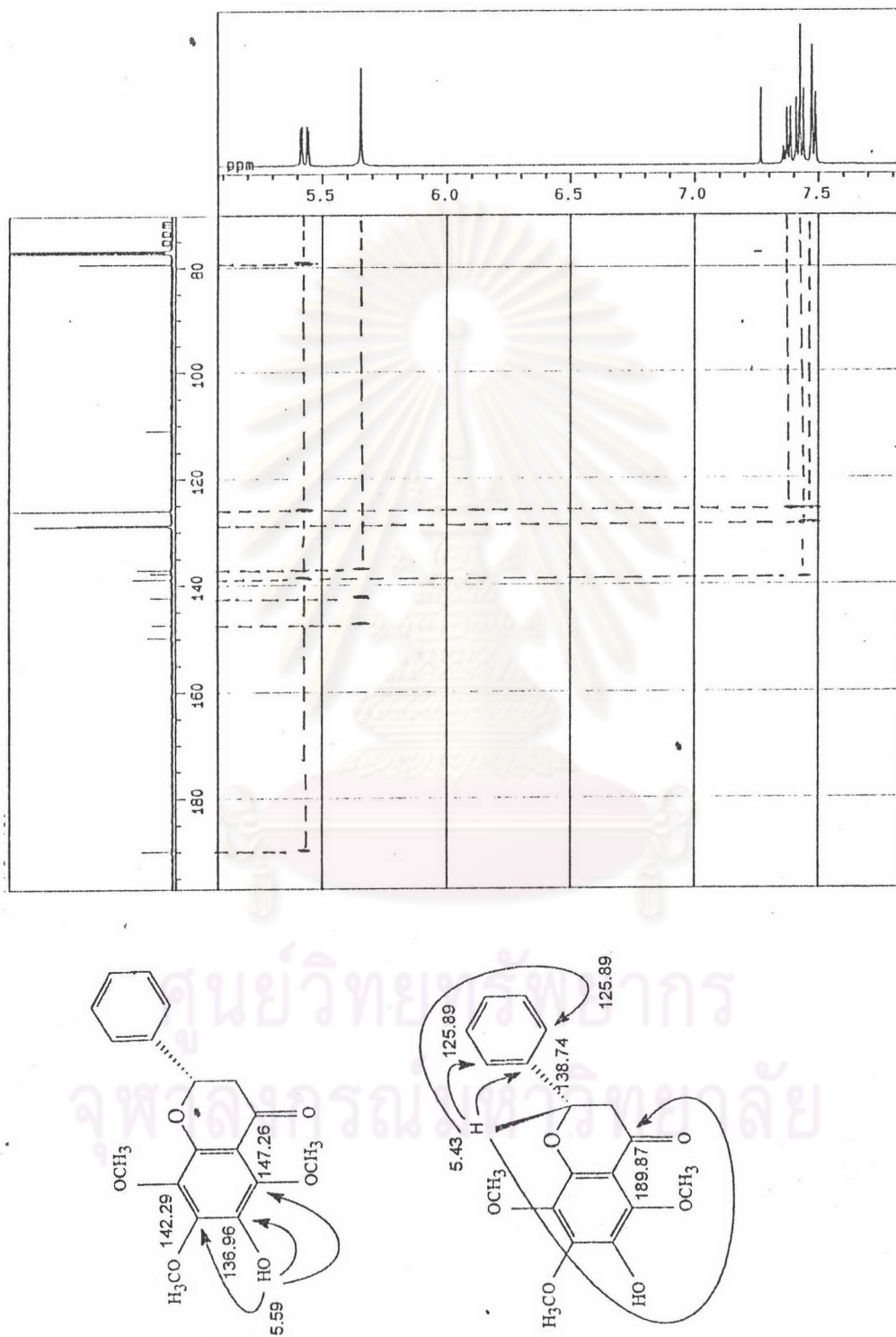


Figure 35 The partial expanded ^1H , ^{13}C COLOC spectrum of compound HEX-B in CDCl_3

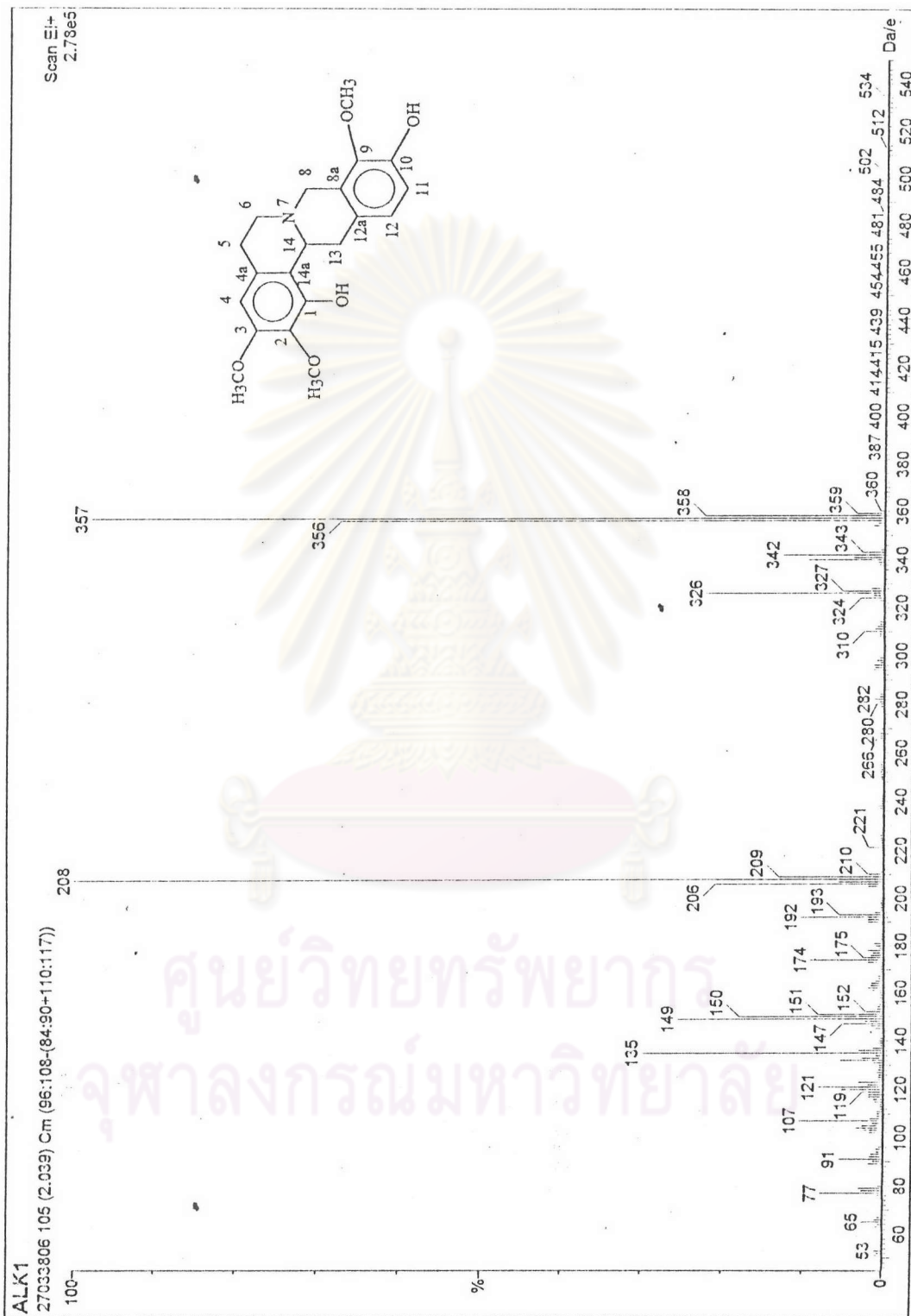


Figure 36 The eims spectrum of compound ALK 1

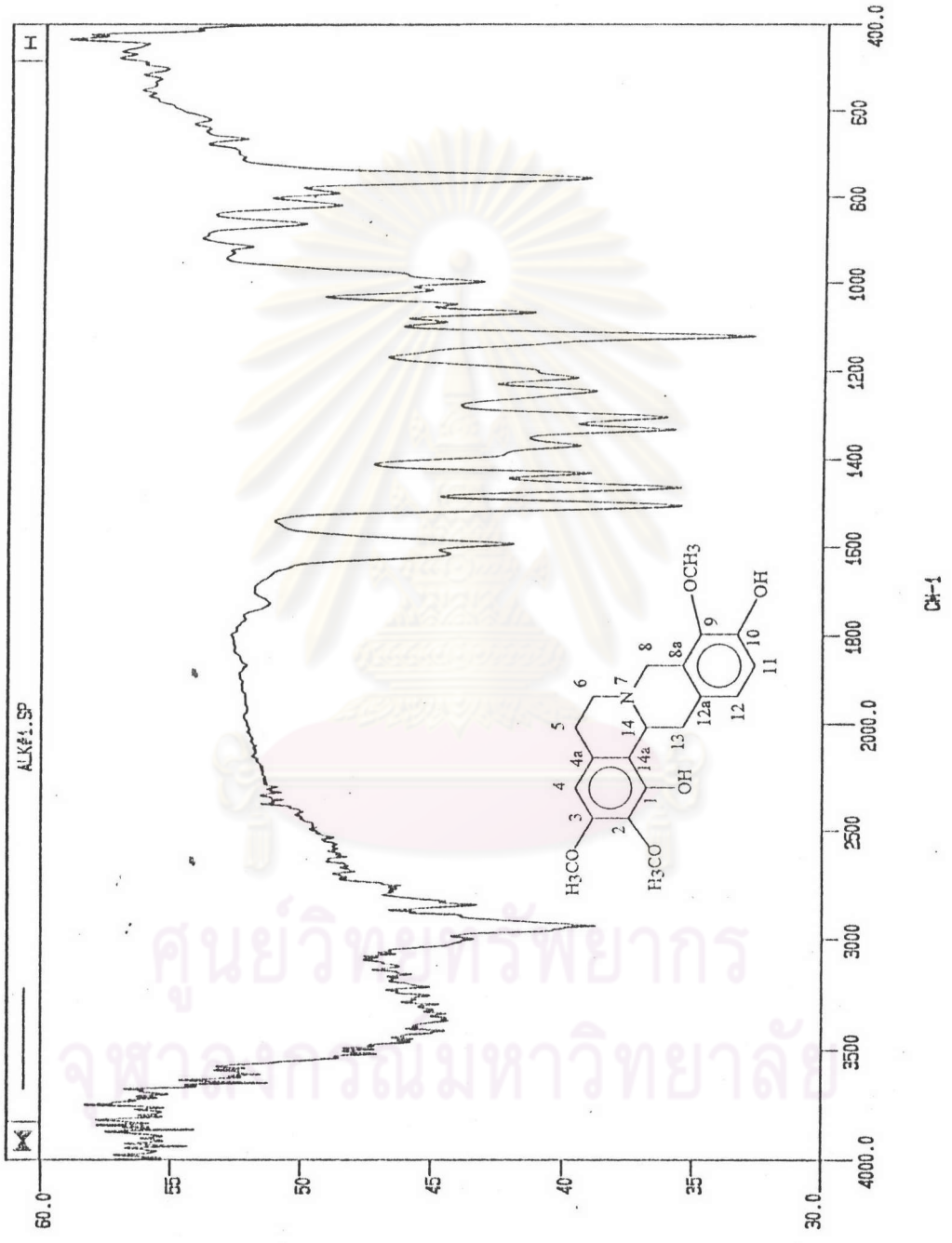


Figure 37 The ir spectrum of compound ALK 1

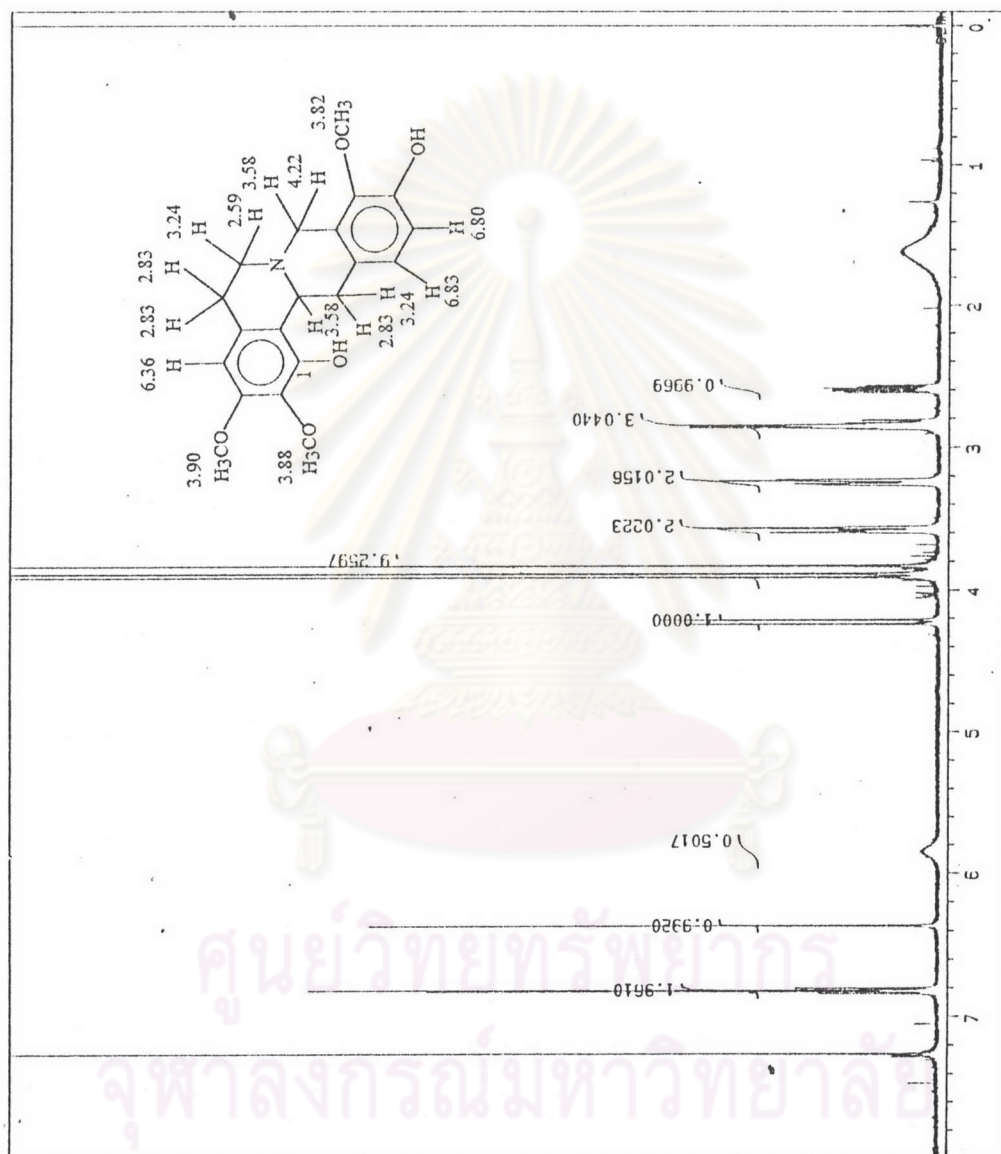


Figure 38 The 500 MHz ¹H NMR spectrum of compound ALK 1 in CDCl₃

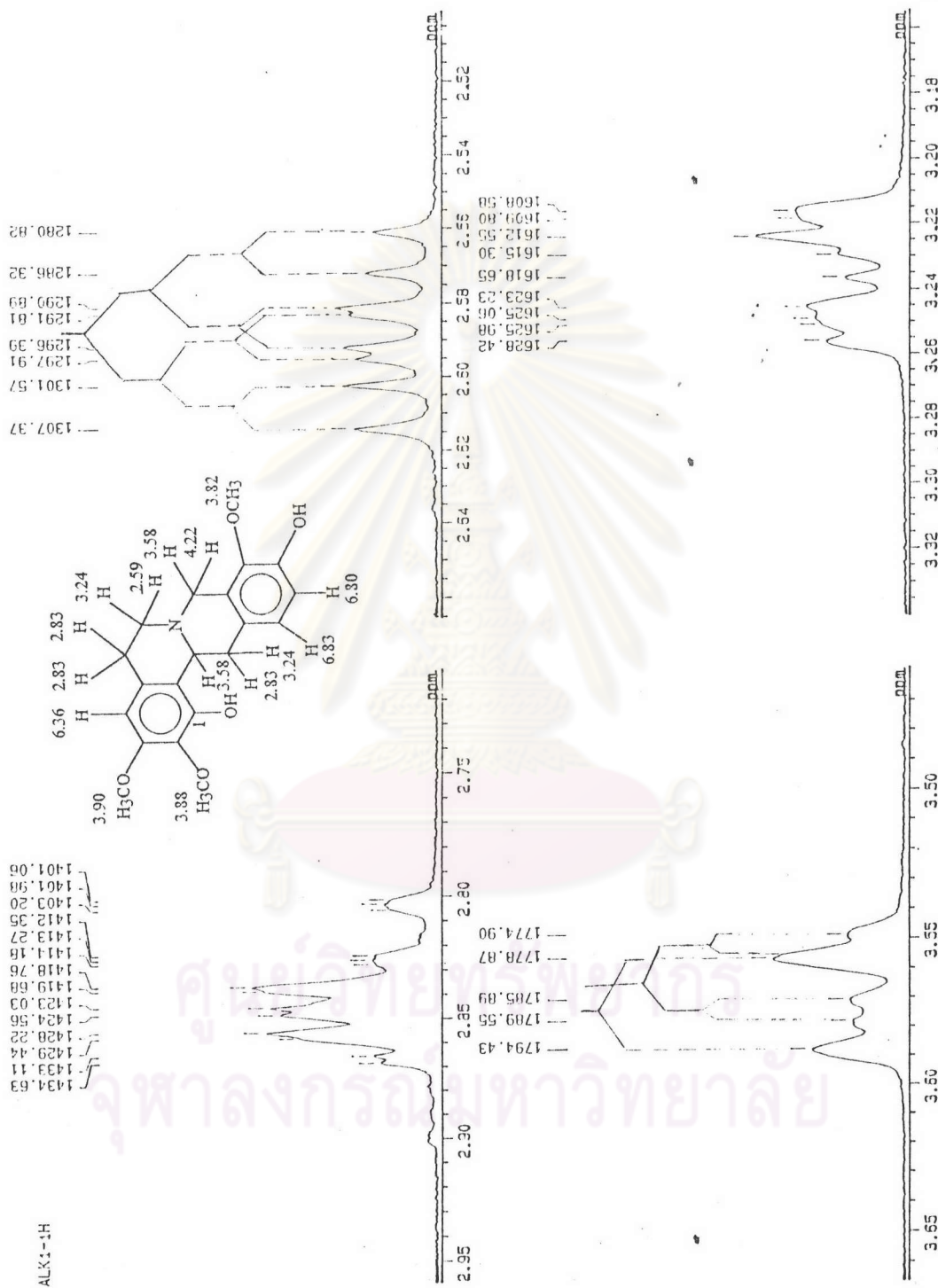


Figure 39 The partial expanded 500 MHz ¹H NMR spectrum of compound ALK 1 in CDCl₃

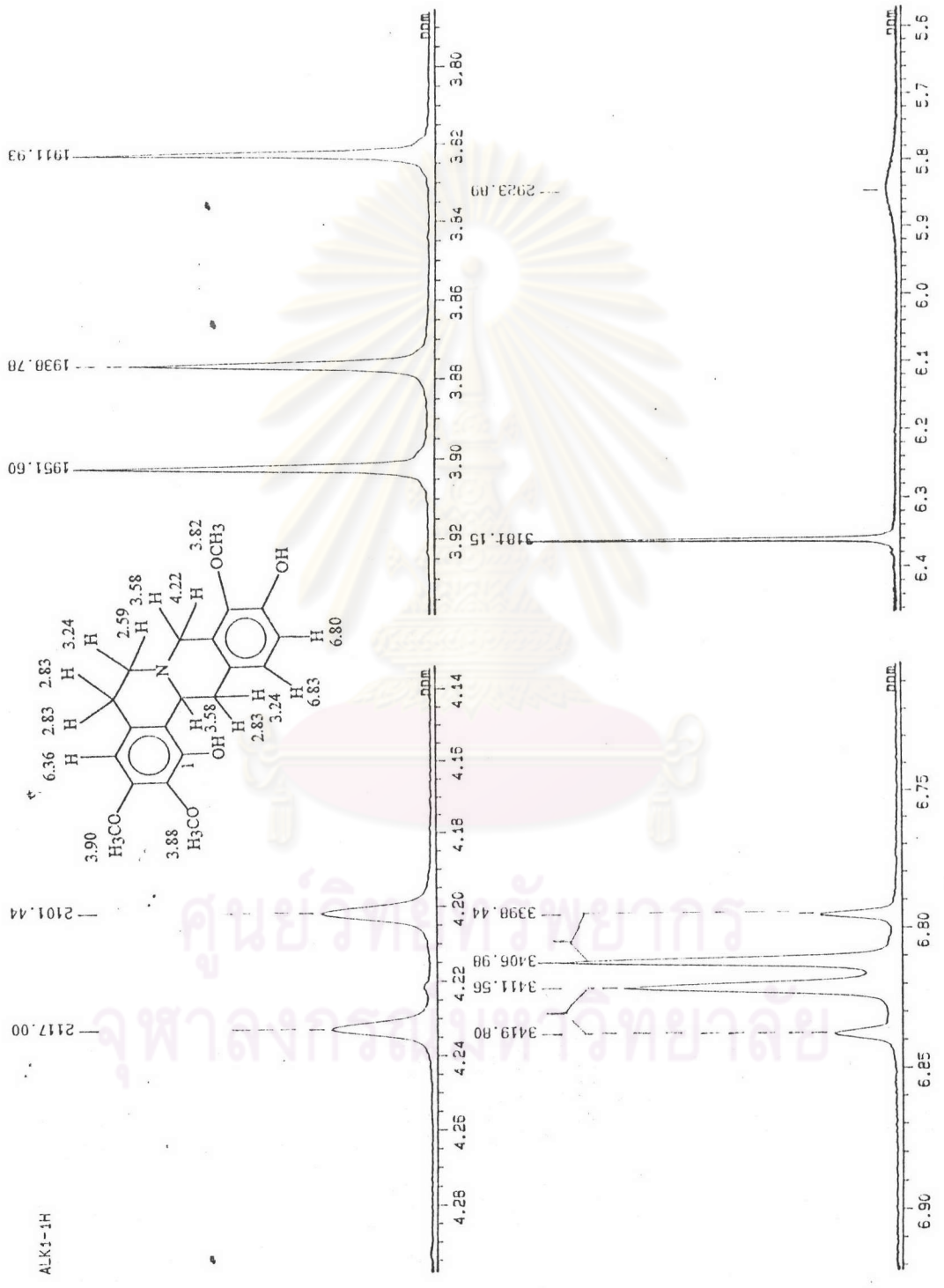


Figure 40 The partial expanded 500 MHz ¹H NMR spectrum of compound ALK 1 in CDCl₃

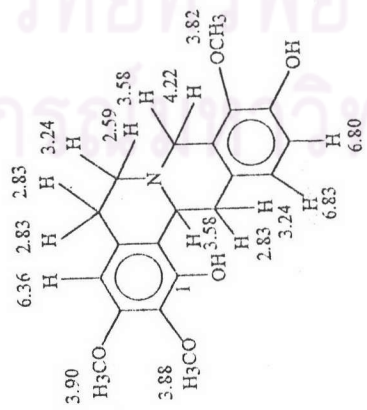
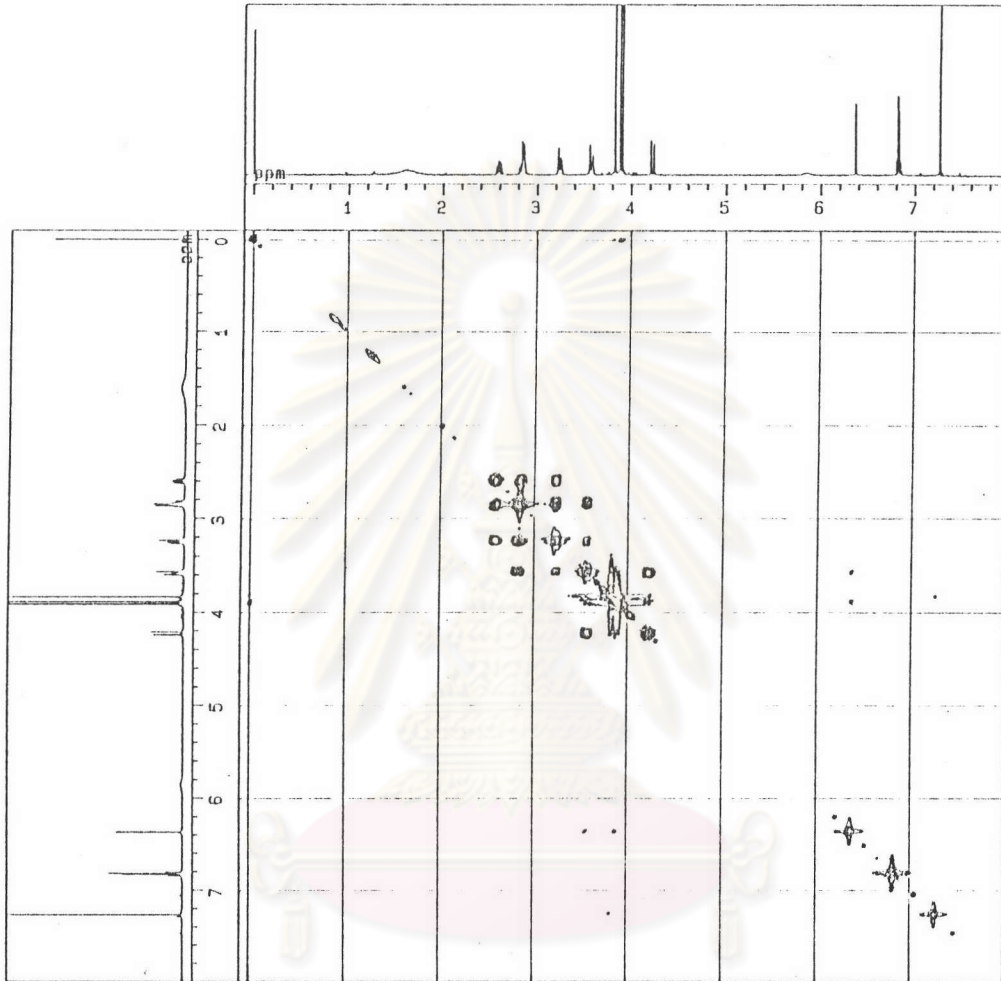


Figure 41 The ¹H-¹H COSY spectrum of compound ALK 1 in CDCl₃

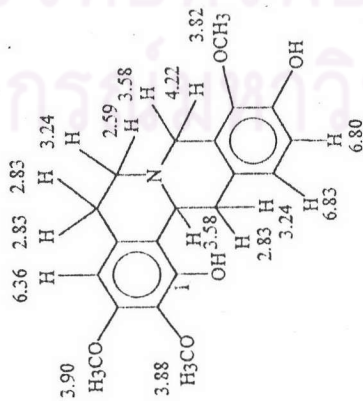
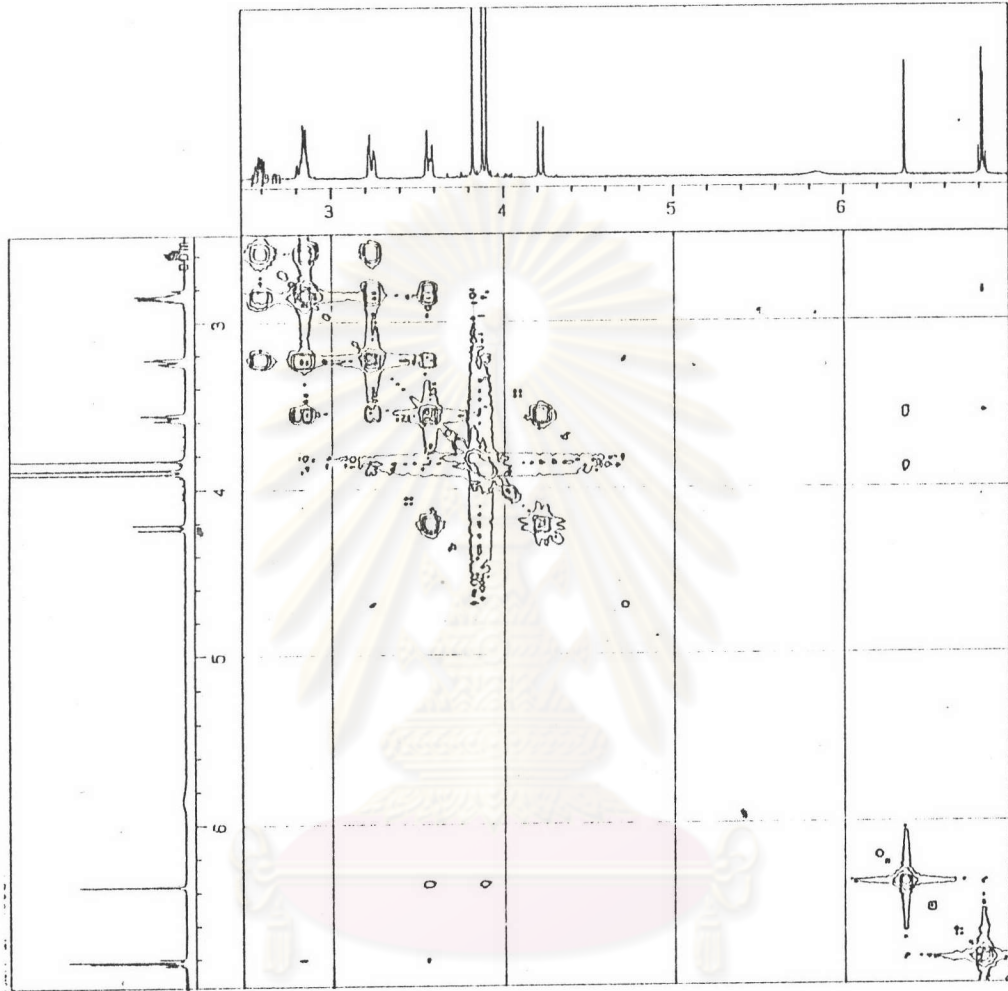


Figure 42 The partial expanded ¹H, ¹H COSY spectrum of compound ALK 1 in CDCl₃

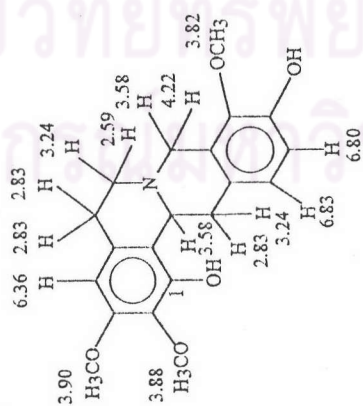
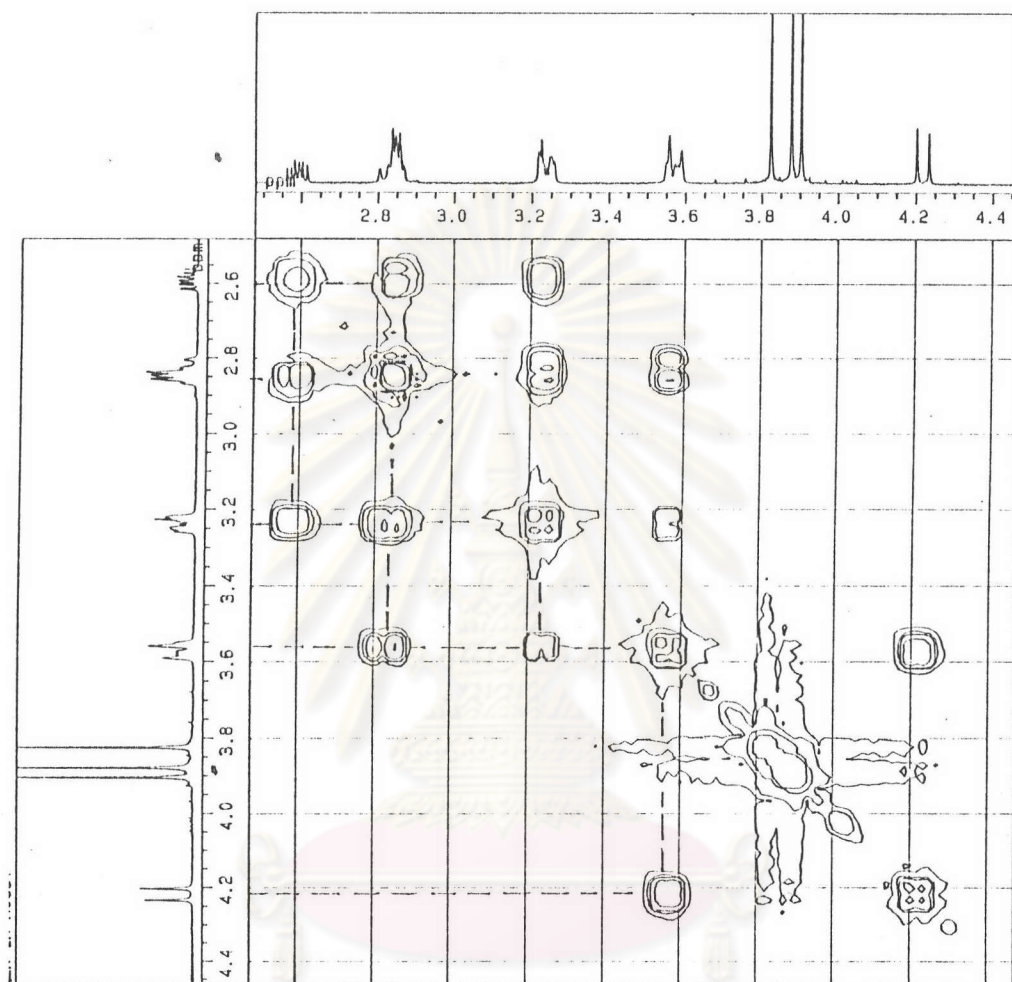


Figure 43 The partial expanded ^1H , ^1H COSY spectrum of compound ALK 1 in CDCl_3

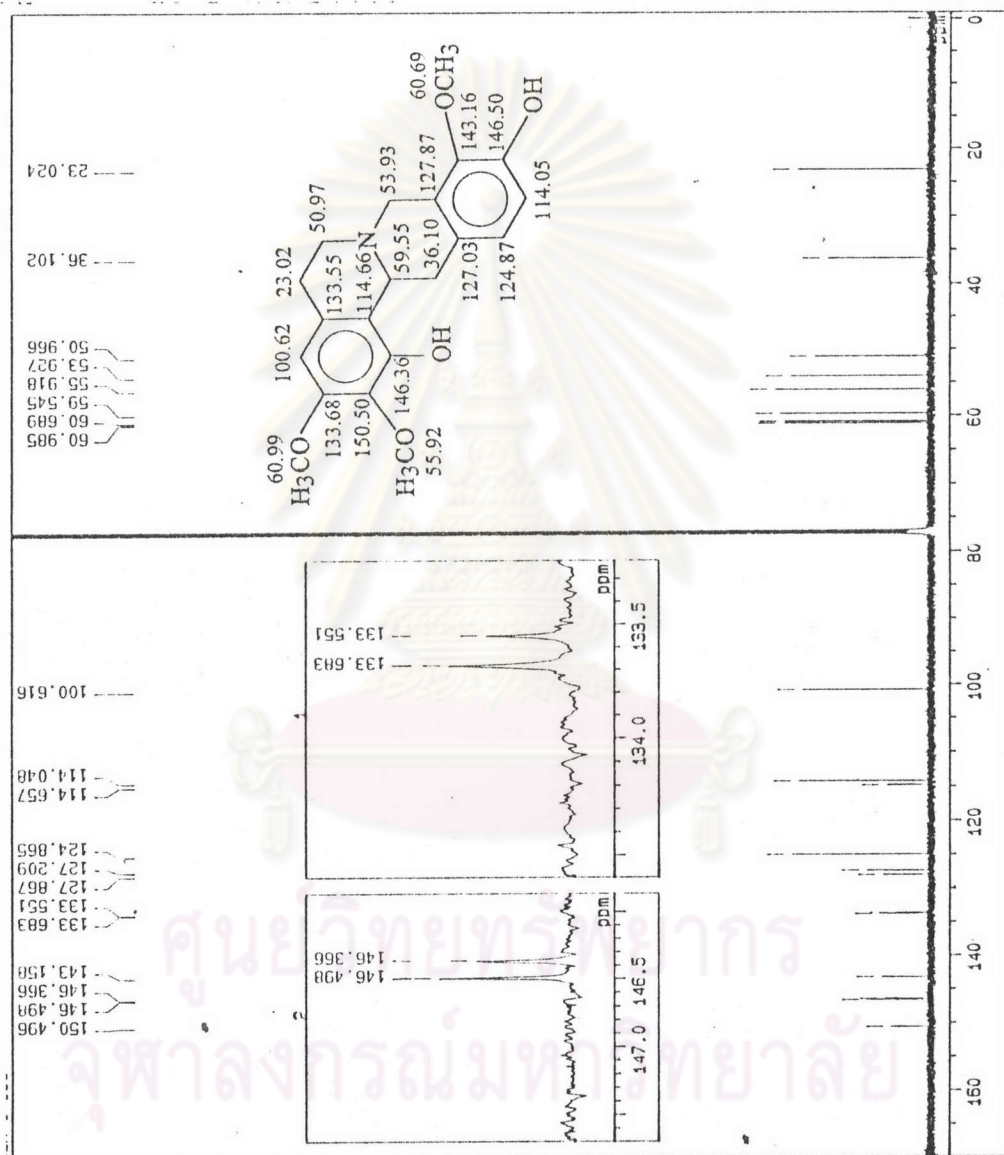
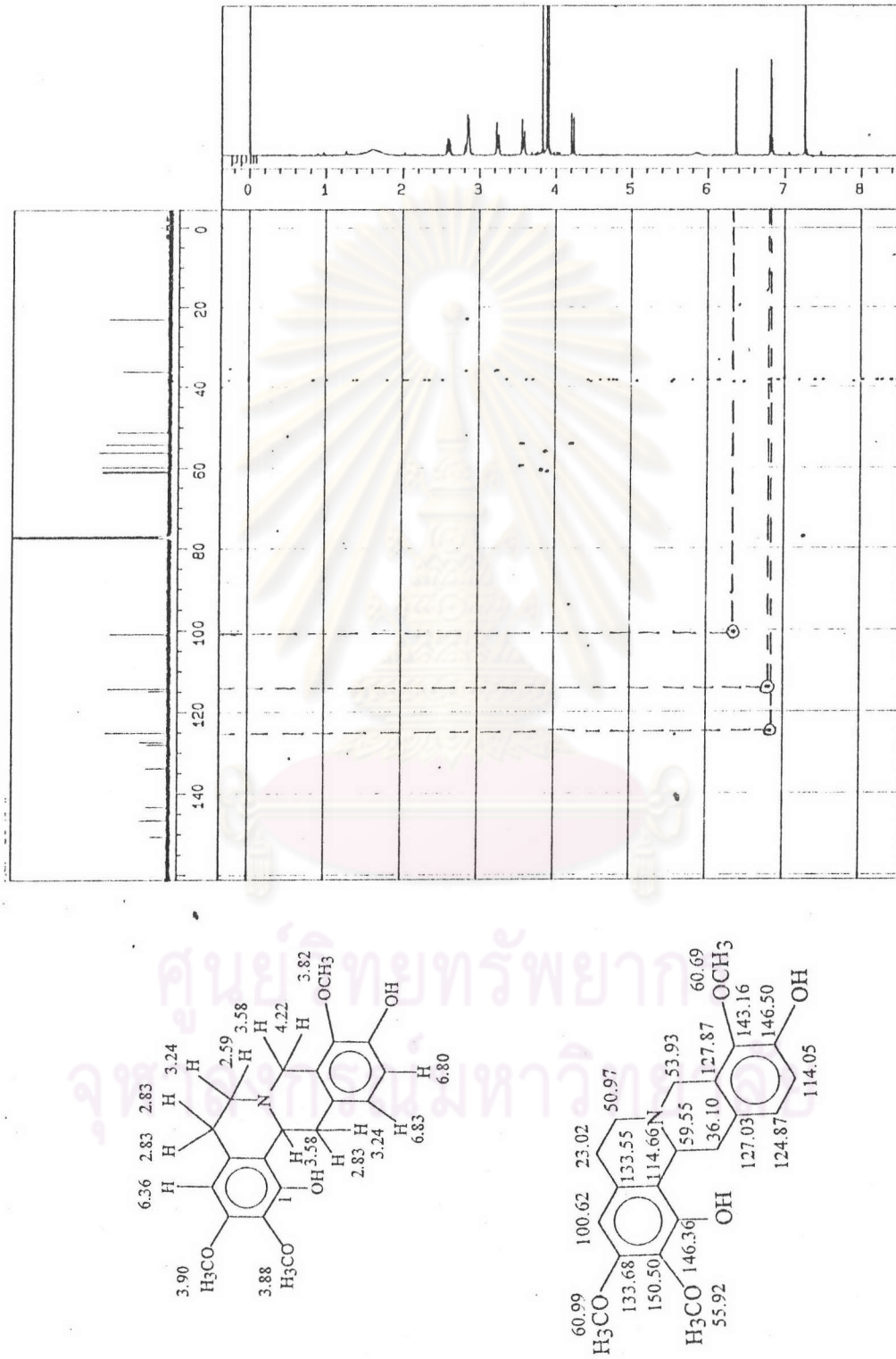


Figure 44 The 125 MHz ^{13}C NMR spectrum of compound ALK 1 in CDCl_3

Figure 45 The ^1H , ^{13}C COSY spectrum of compound ALK 1 in CDCl_3

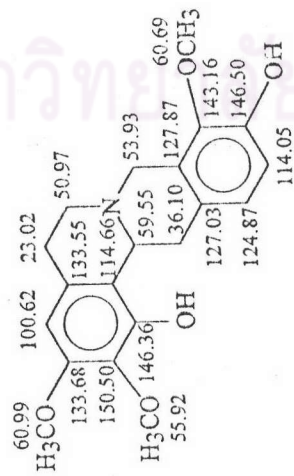
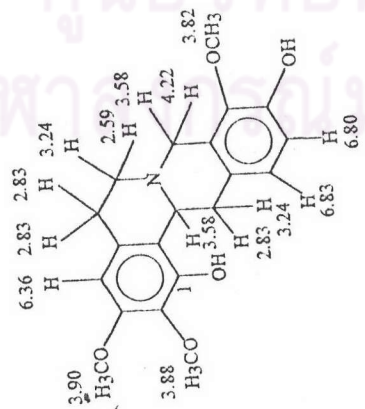
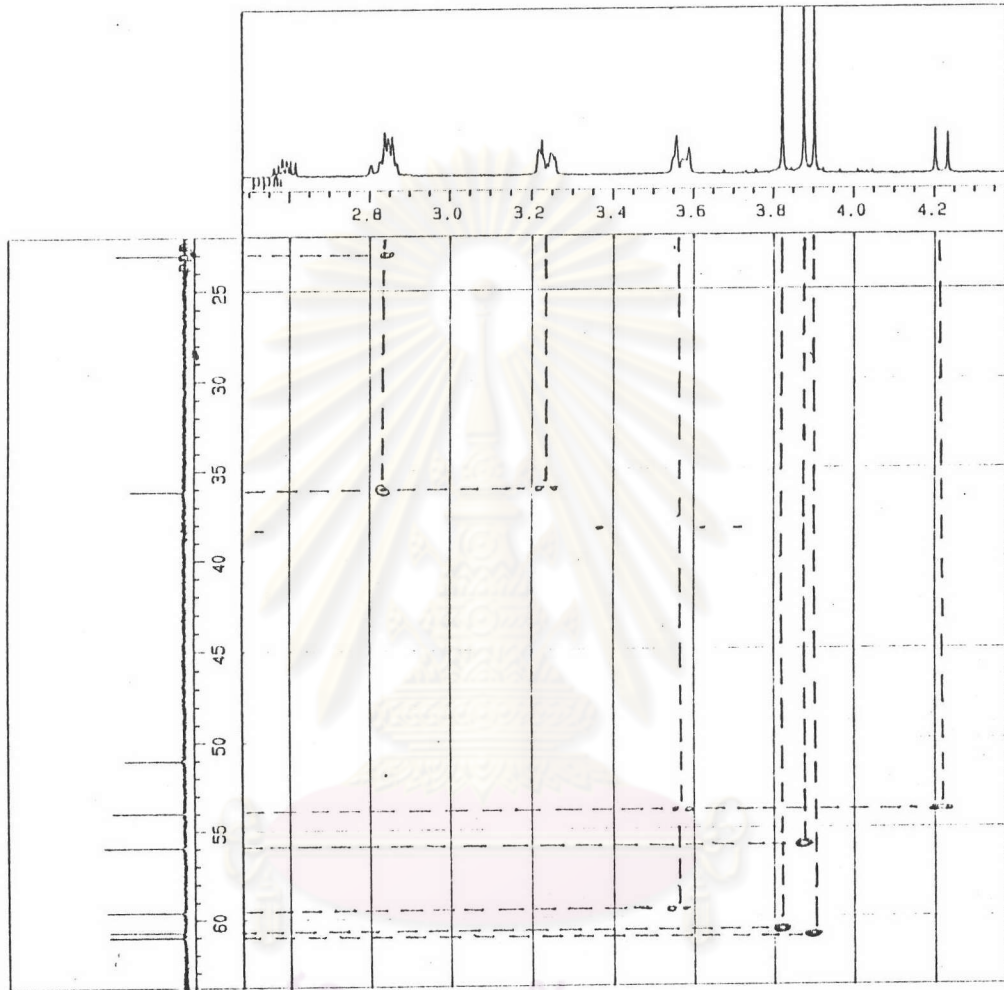


Figure 46 The partial expanded ¹H, ¹³C COSY spectrum of compound ALK 1 in CDCl₃

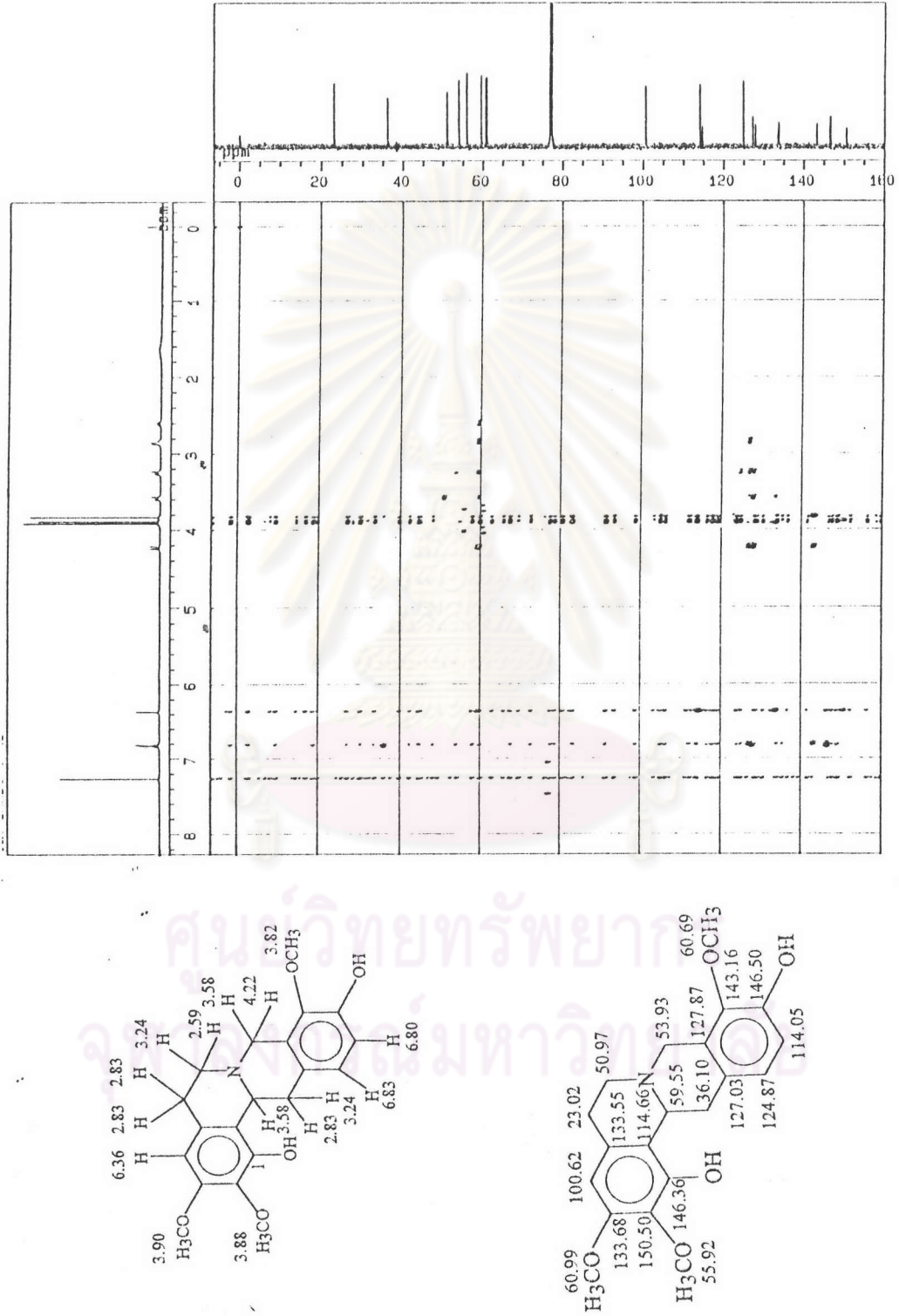


Figure 47 The HMBC spectrum of compound ALK 1 in CDCl₃

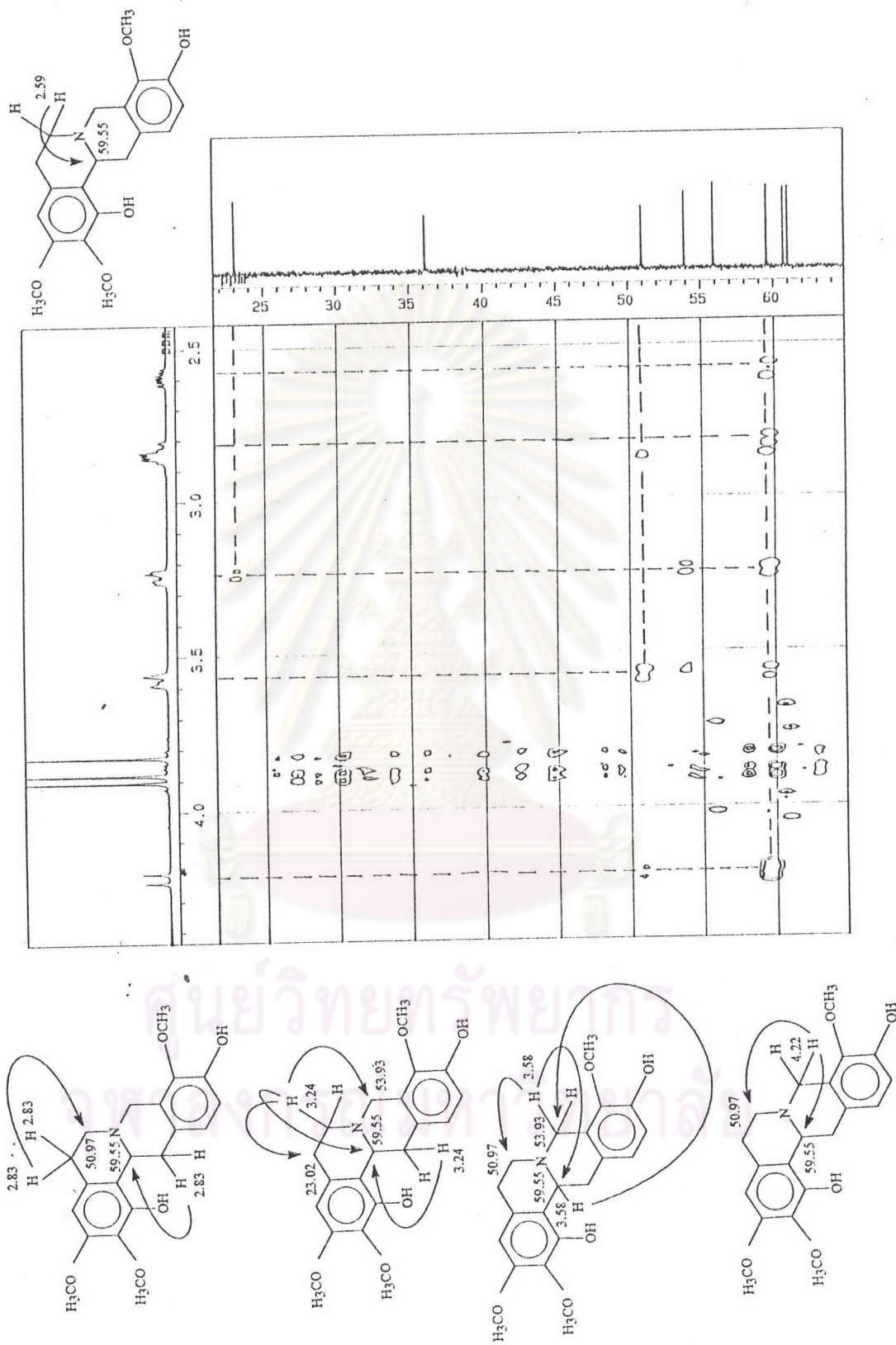


Figure 48 The partial expanded HMBC spectrum of compound ALK 1 in CDCl₃

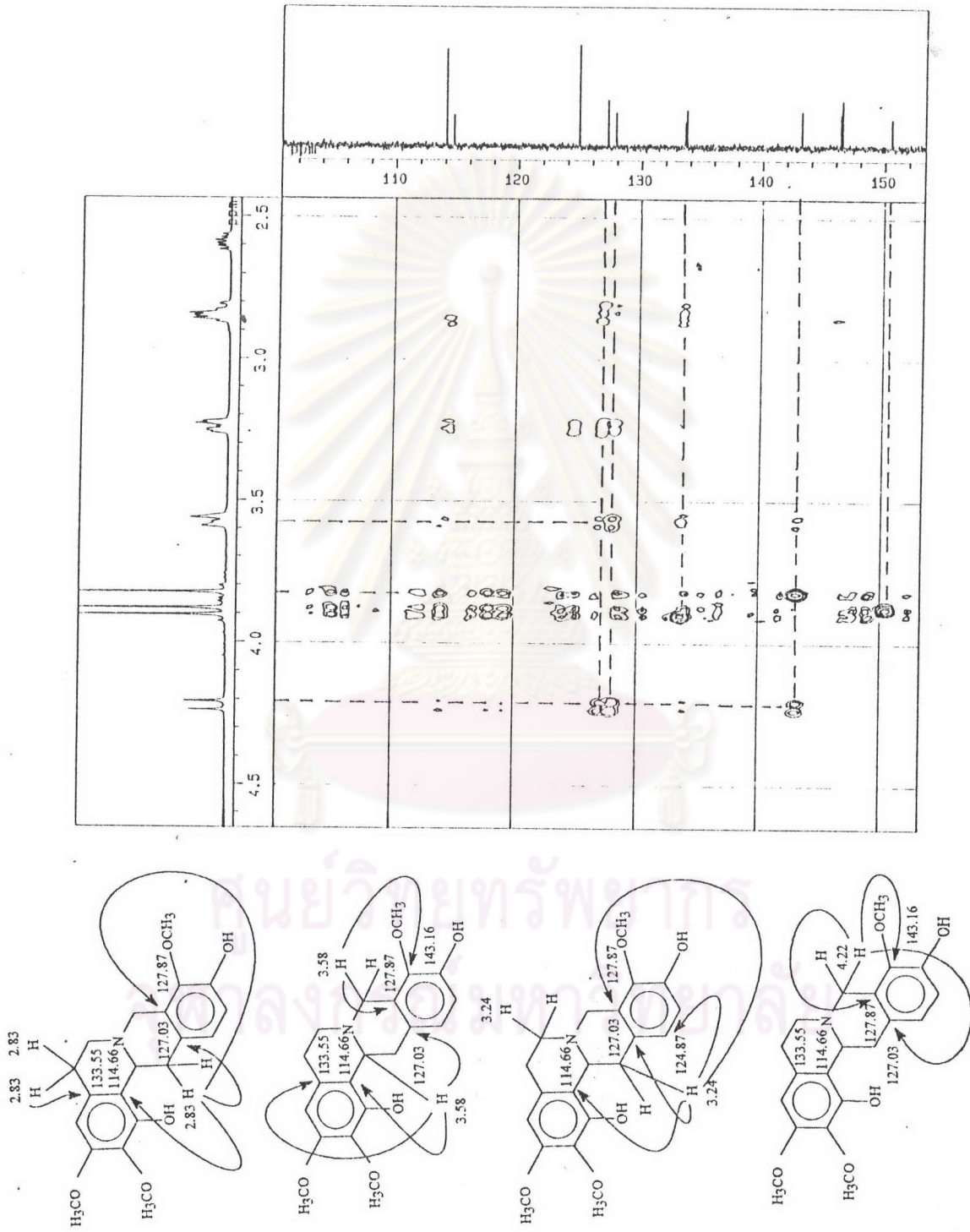


Figure 49 The partial expanded HMBC spectrum of compound ALK 1 in CDCl₃

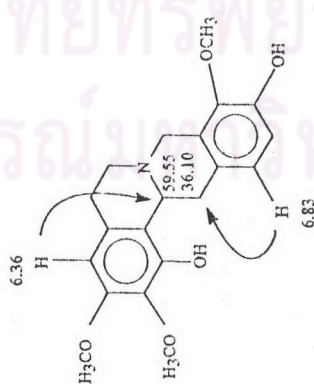
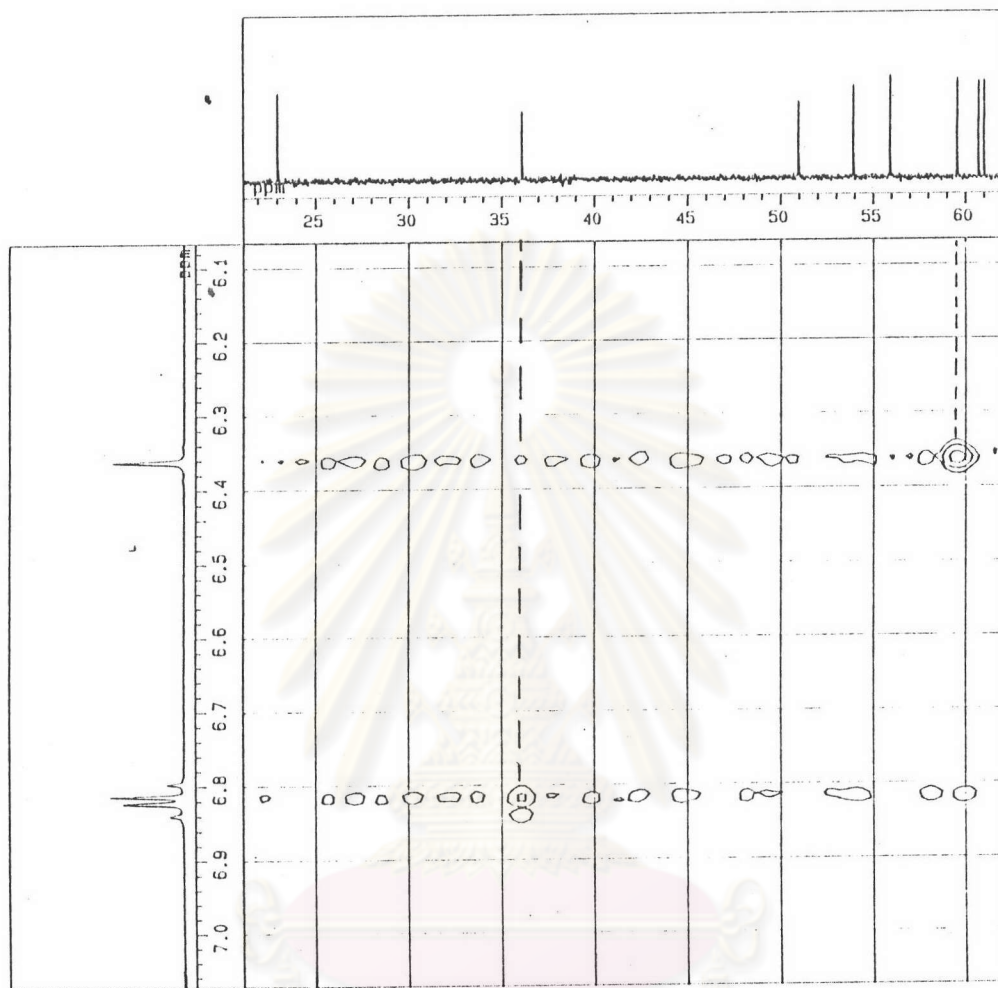


Figure 50 The partial expanded HMBC spectrum of compound ALK 1 in CDCl₃

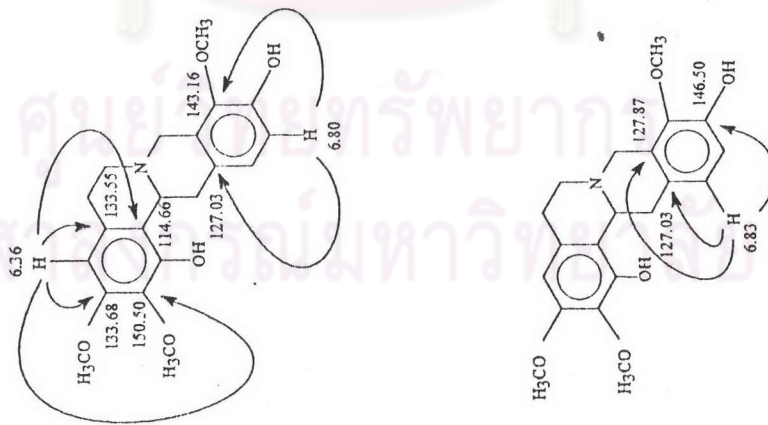
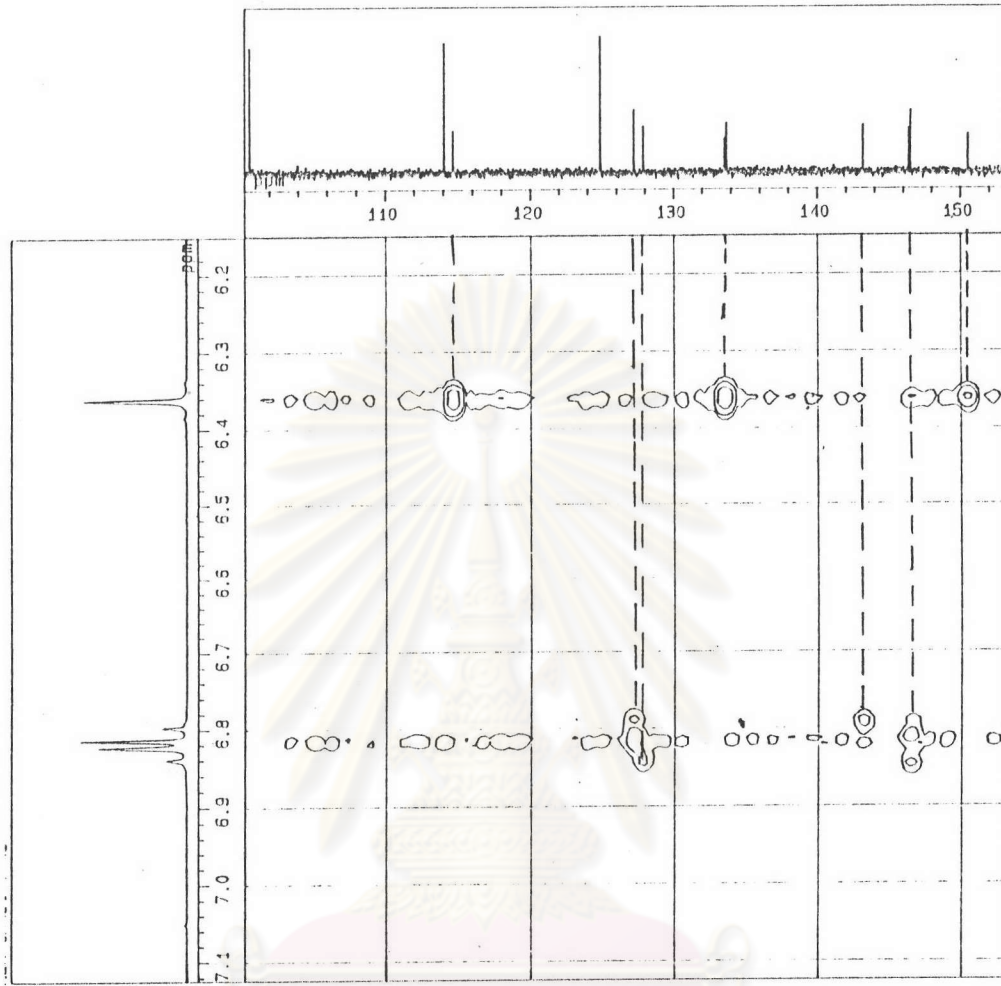


Figure 51 The partial expanded HMBC spectrum of compound ALK 1 in CDCl₃

VITA

NAME : Porntip Theraratchailert
BORN : August 8, 1964
EDUCATION : B.S. in Pharmacy, Faculty of Pharmaceutical Sciences,
Chulalongkorn University, 1988
WORKING : Somdetchaopraya Hospital, Bangkok, Thailand



ศูนย์วิทยุทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย