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APPENDIX

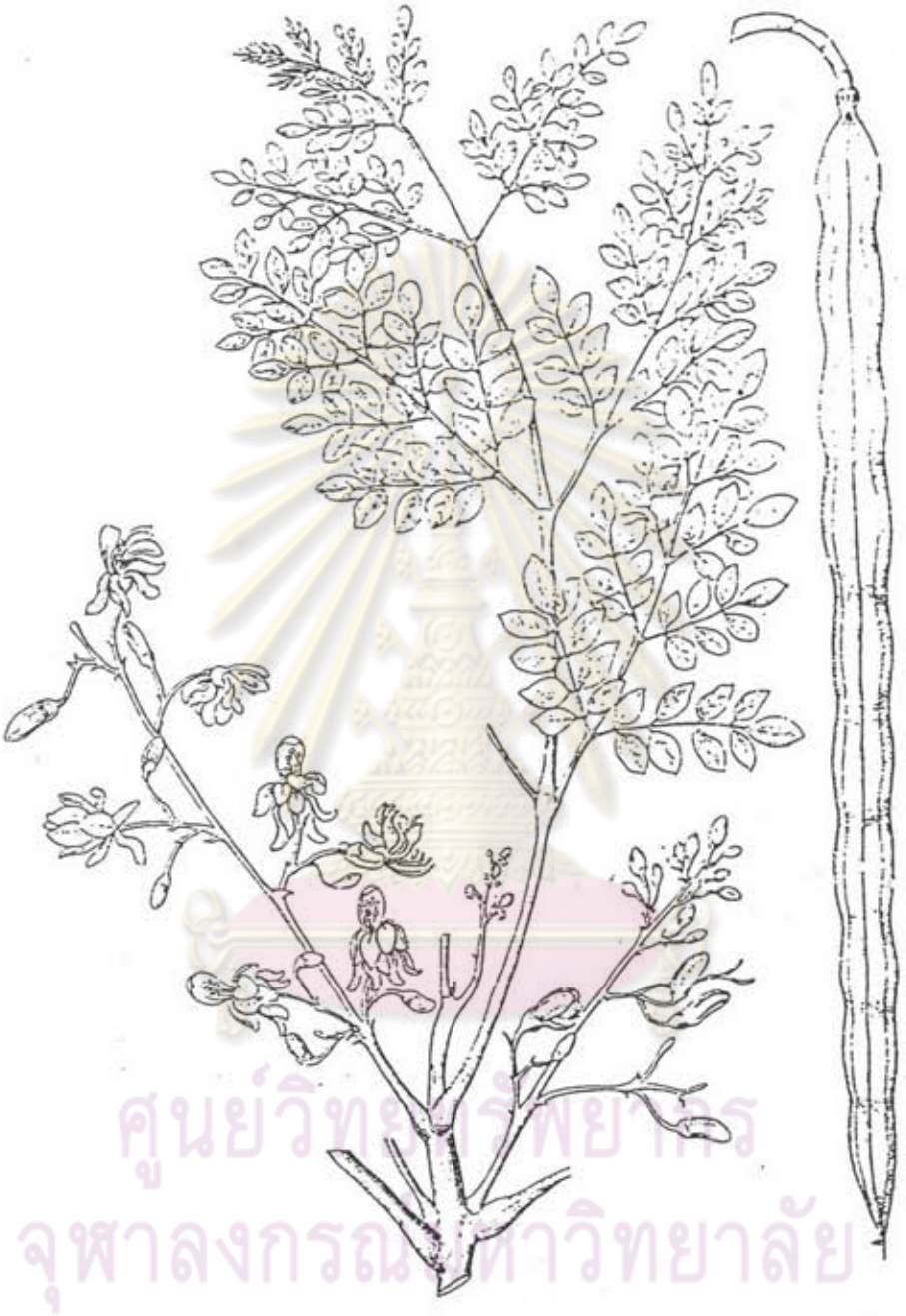


Figure 4 Moringa pterygosperma Gaertn.

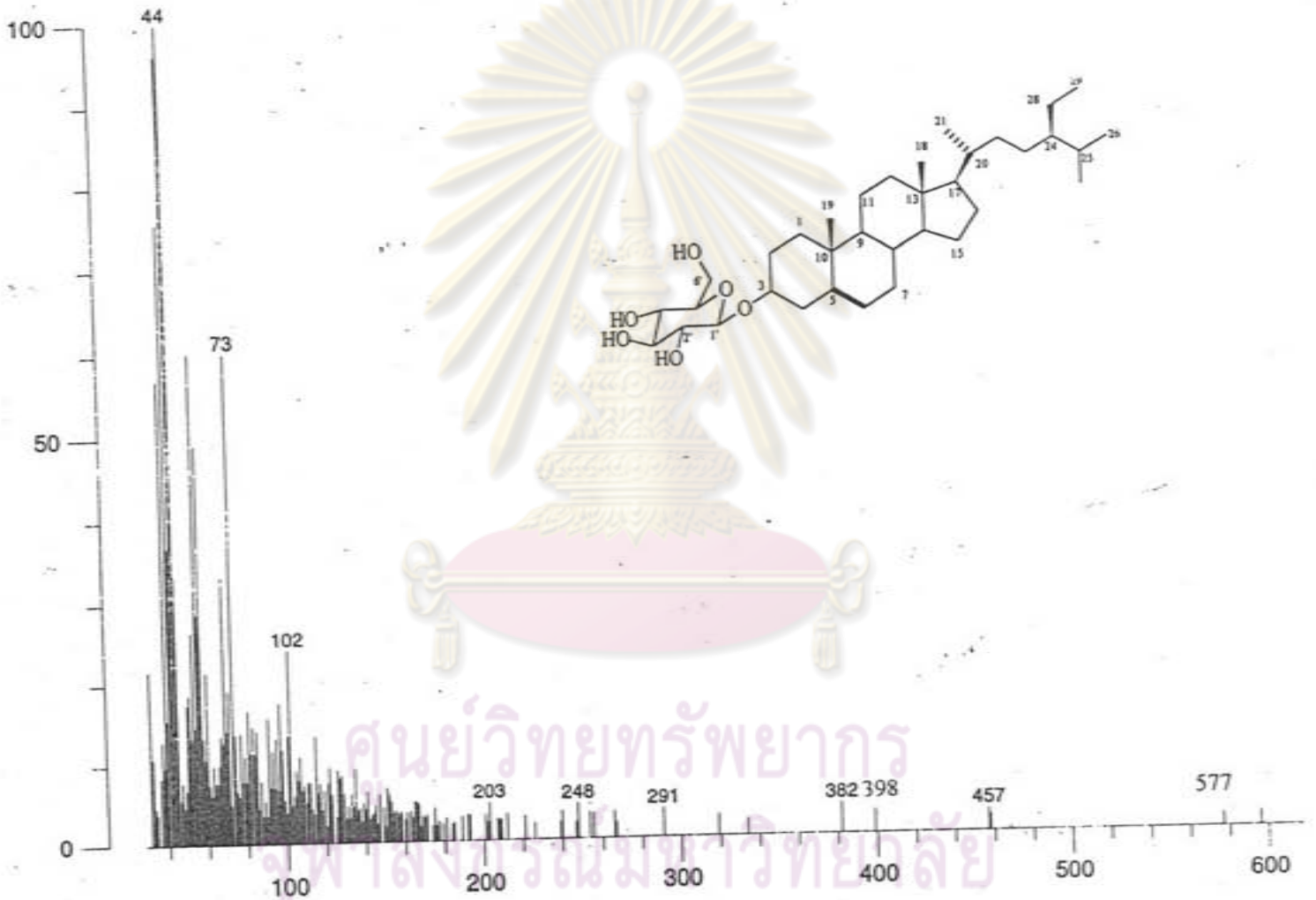


Figure 5 EI mass spectrum of PPT8

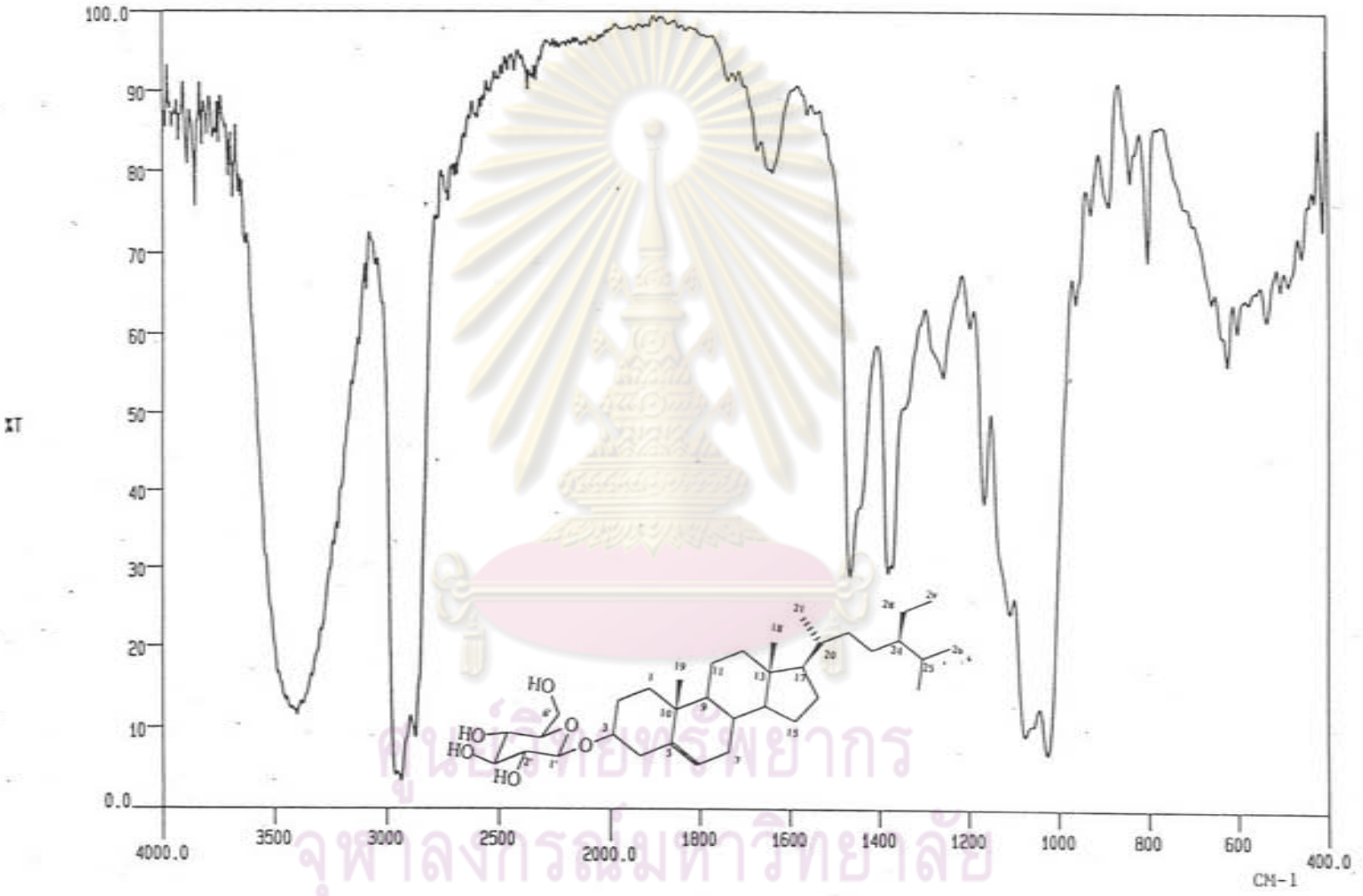
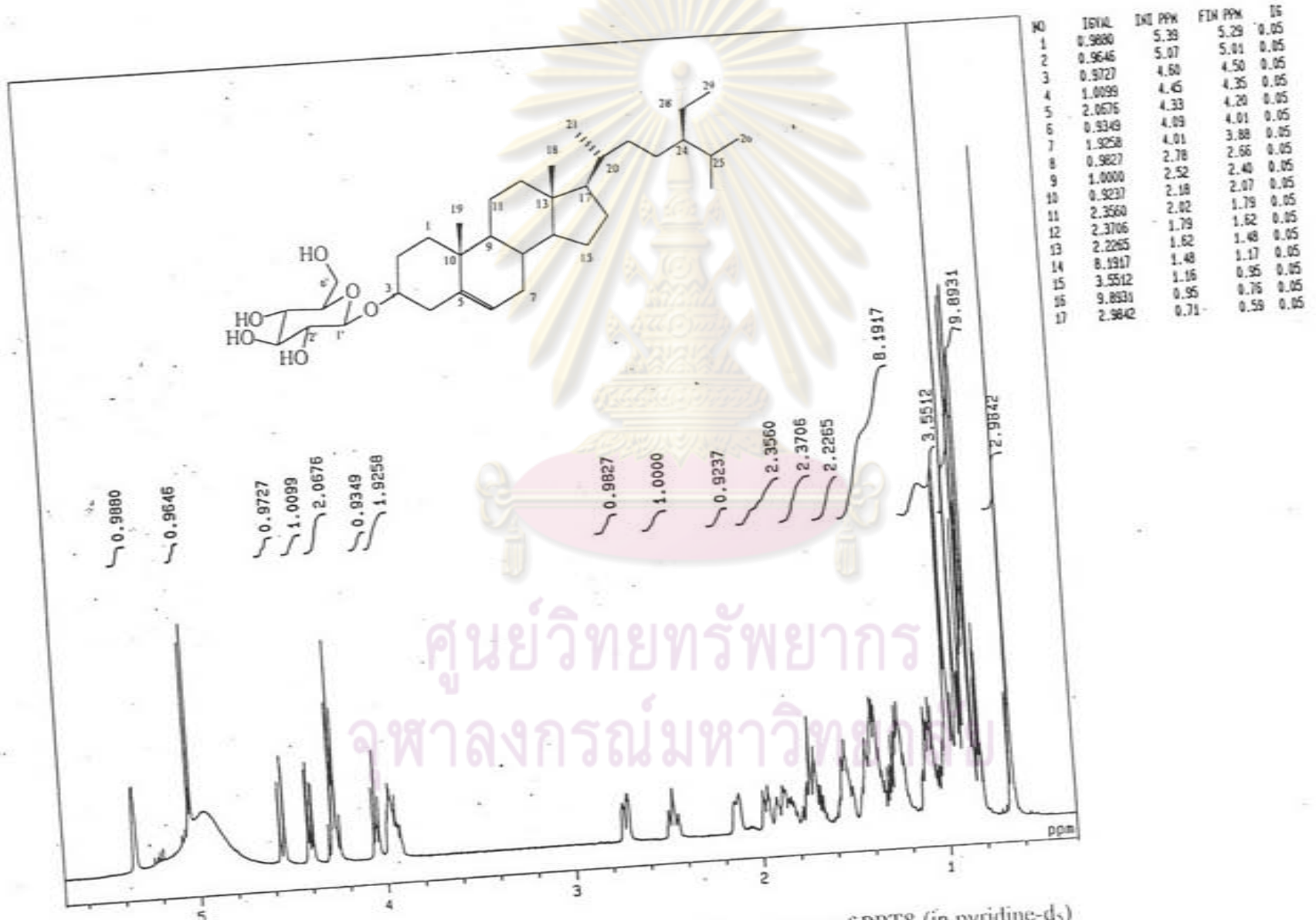


Figure 6 IR spectrum of PPT8 (Kbr disc)



NO	IGVAL	INT PPM	FIN PPM	DF
1	0.9880	5.39	5.29	0.05
2	0.9646	5.07	5.01	0.05
3	0.9727	4.60	4.50	0.05
4	1.0099	4.45	4.35	0.05
5	2.0676	4.33	4.20	0.05
6	0.9349	4.09	4.01	0.05
7	1.9258	4.01	3.88	0.05
8	0.9827	2.78	2.66	0.05
9	1.0000	2.52	2.40	0.05
10	0.9237	2.18	2.07	0.05
11	2.3560	2.02	1.79	0.05
12	2.3706	1.79	1.62	0.05
13	2.2265	1.62	1.48	0.05
14	8.1917	1.48	1.17	0.05
15	3.5512	1.16	0.95	0.05
16	9.8931	0.95	0.76	0.05
17	2.9842	0.71	0.59	0.05

Figure 7 The 500 MHz ^{1}H NMR spectrum of PPT8 (in pyridine-d_5)

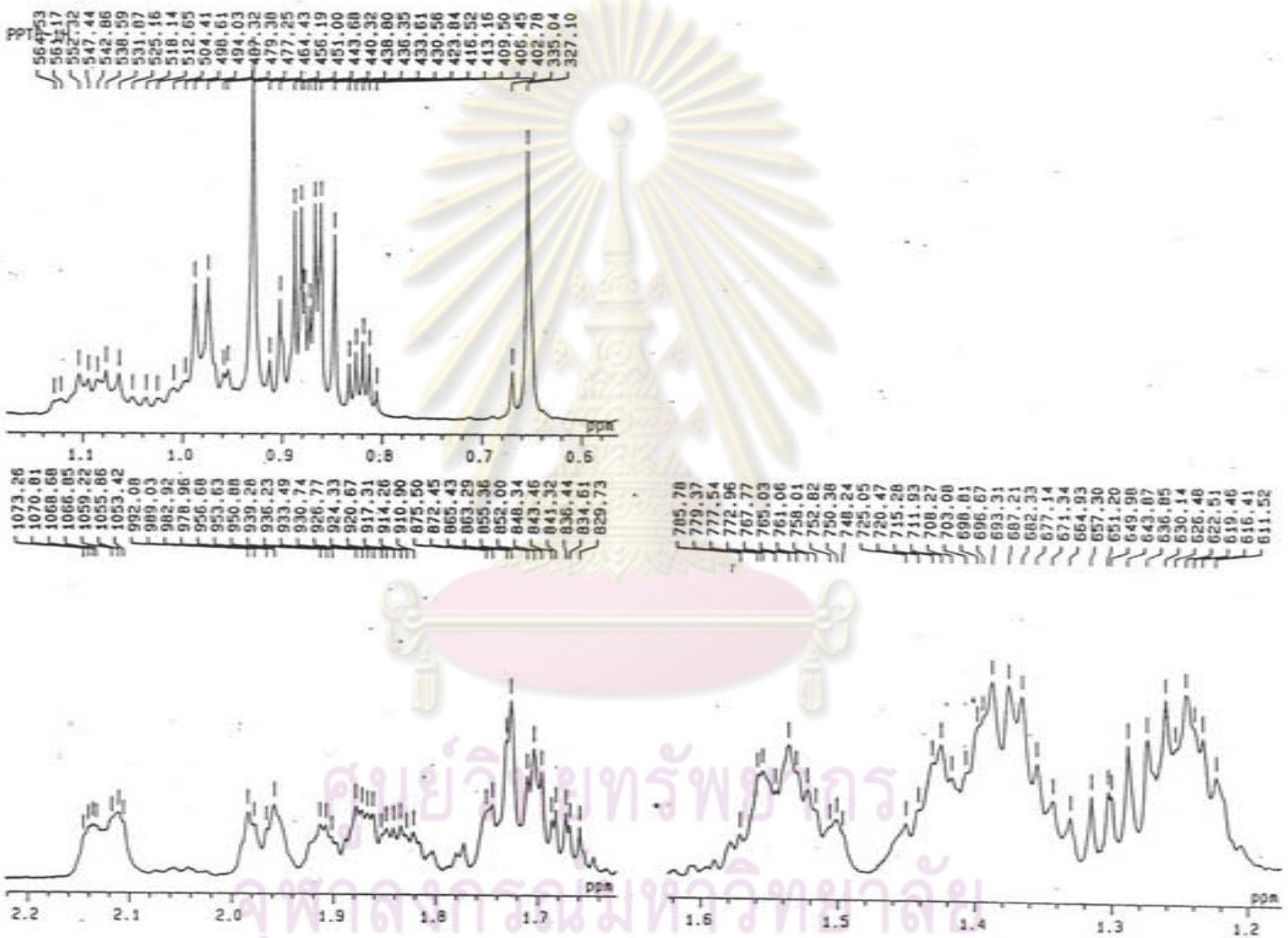


Figure 8 Expansion of the 500 MHz ^{1}H NMR of PPT8 (upfield region)

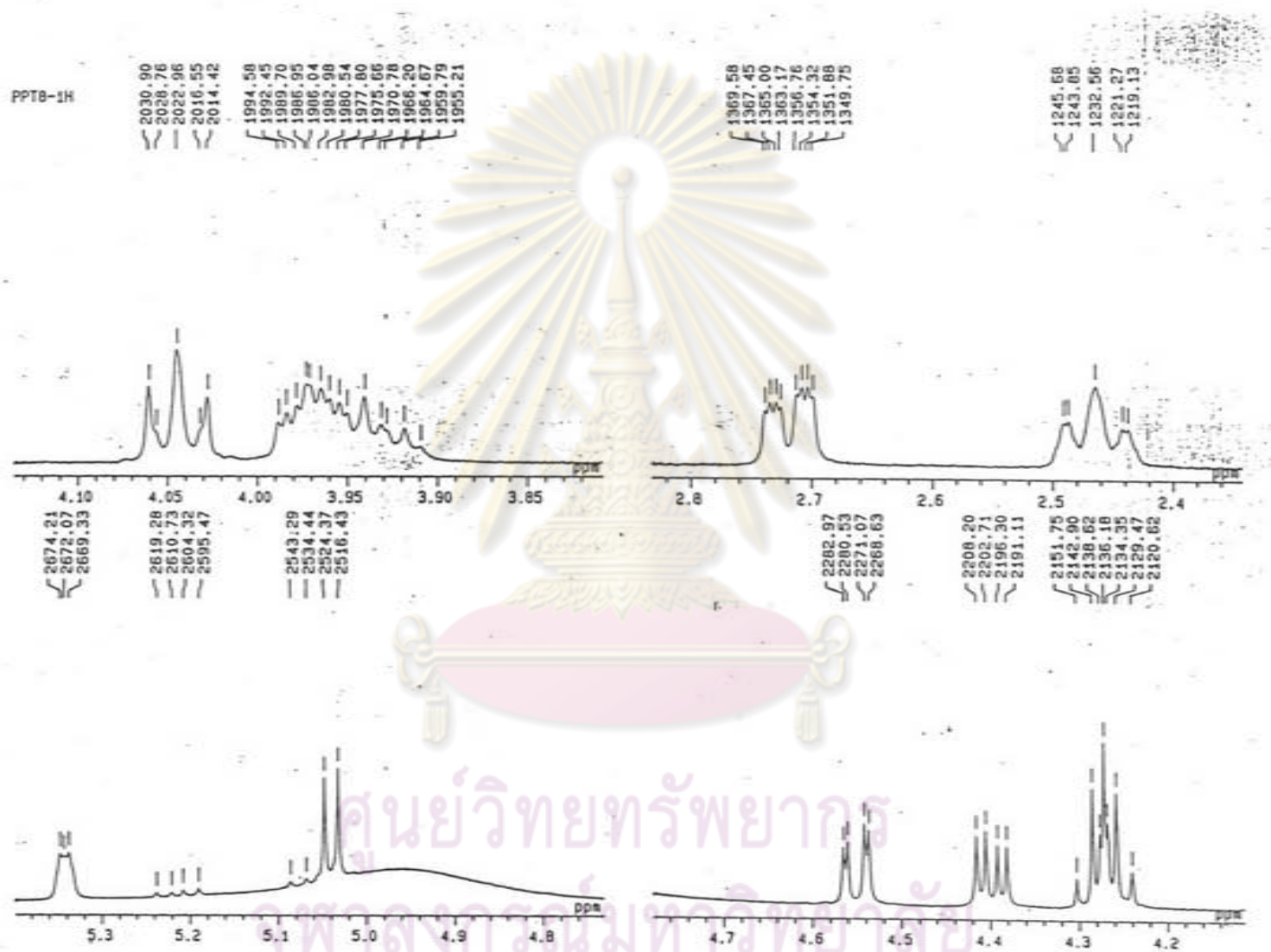


Figure 9 Expansion of the 500 MHz ^{1}H NMR of PPT8 (downfield region)

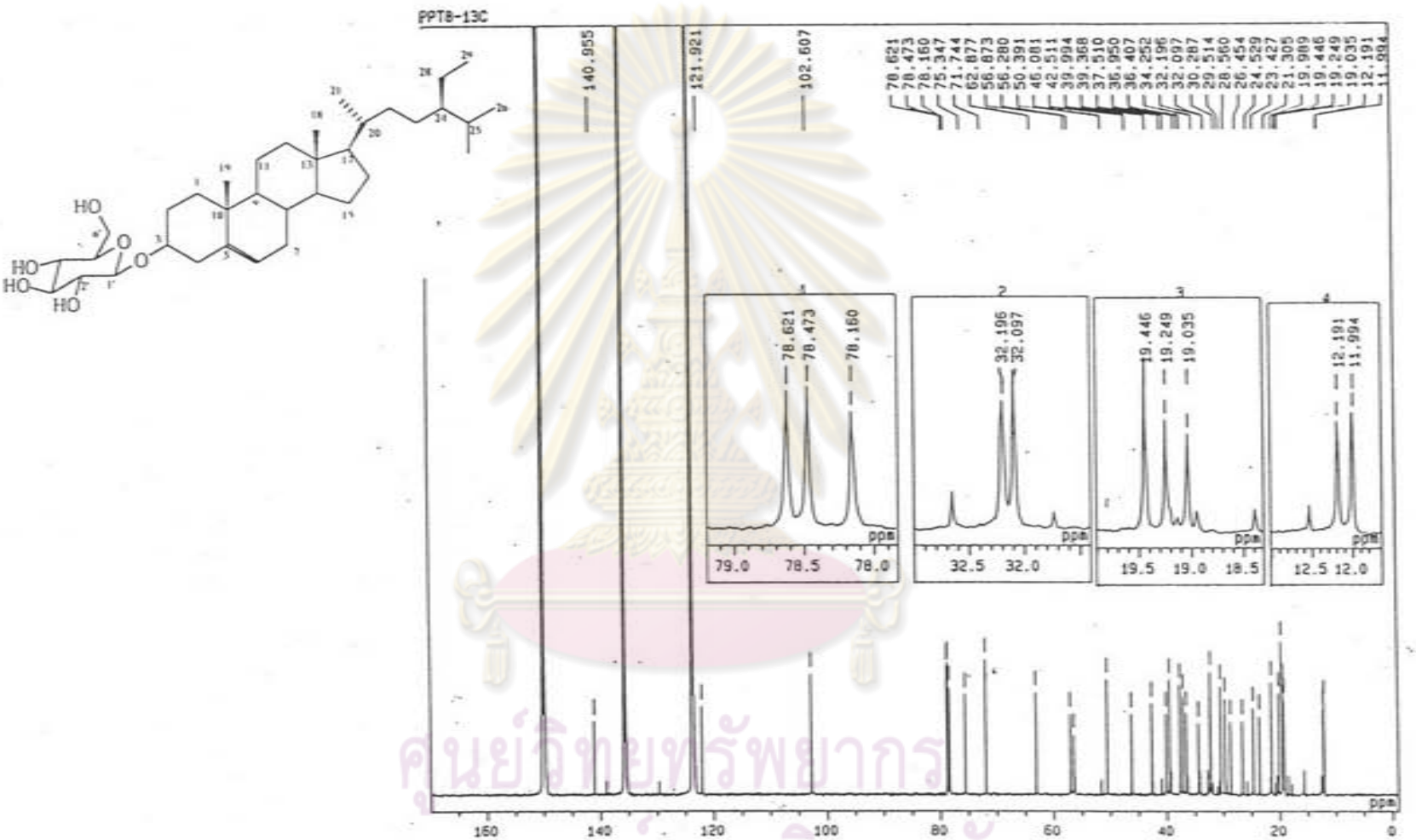


Figure 10 The 125 MHz ^{13}C NMR spectrum of PPT8 (in pyridine-d_5)

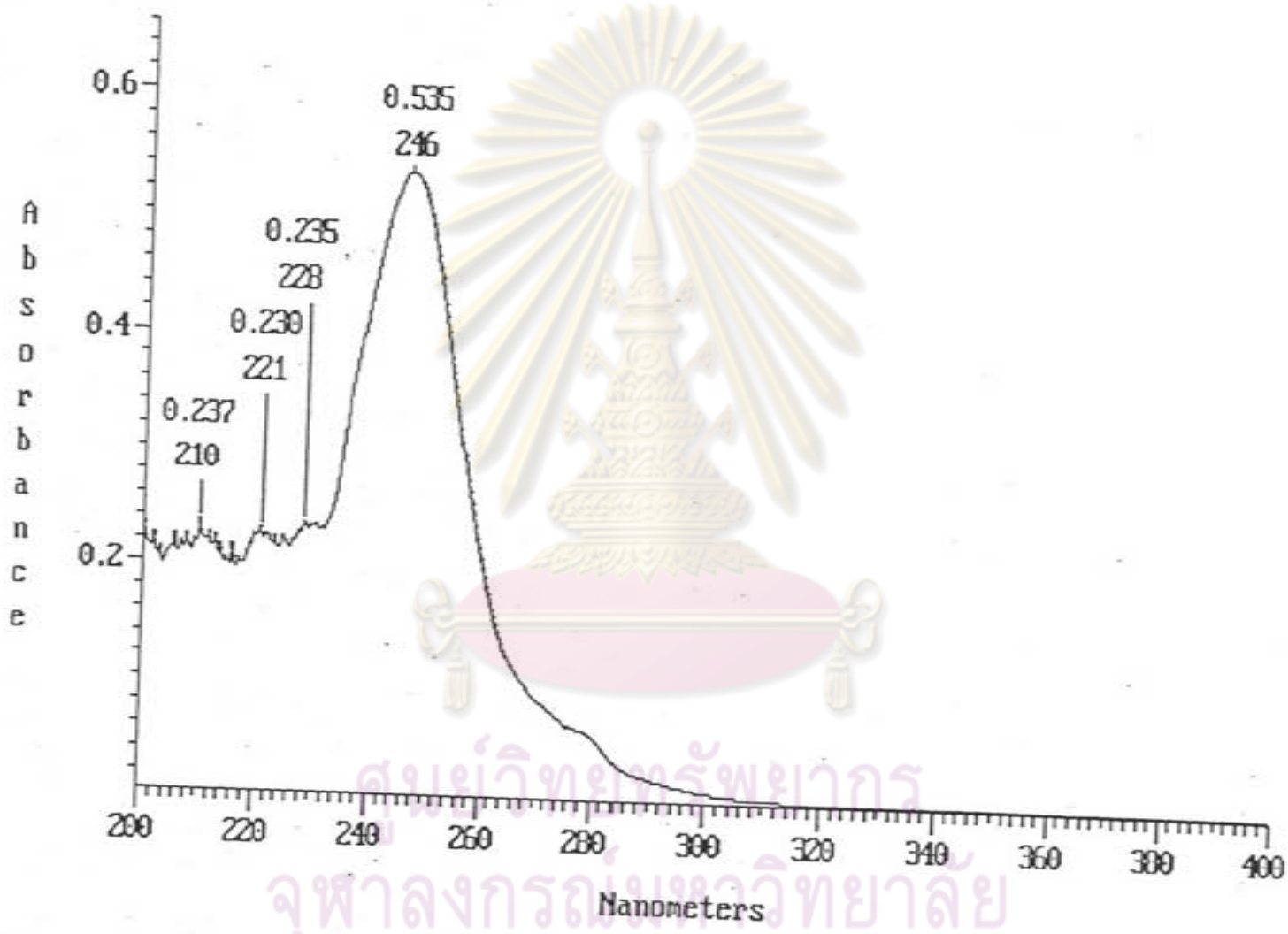


Figure 11 UV spectrum of J1 (in $CHCl_3$-MeOH=1:1)

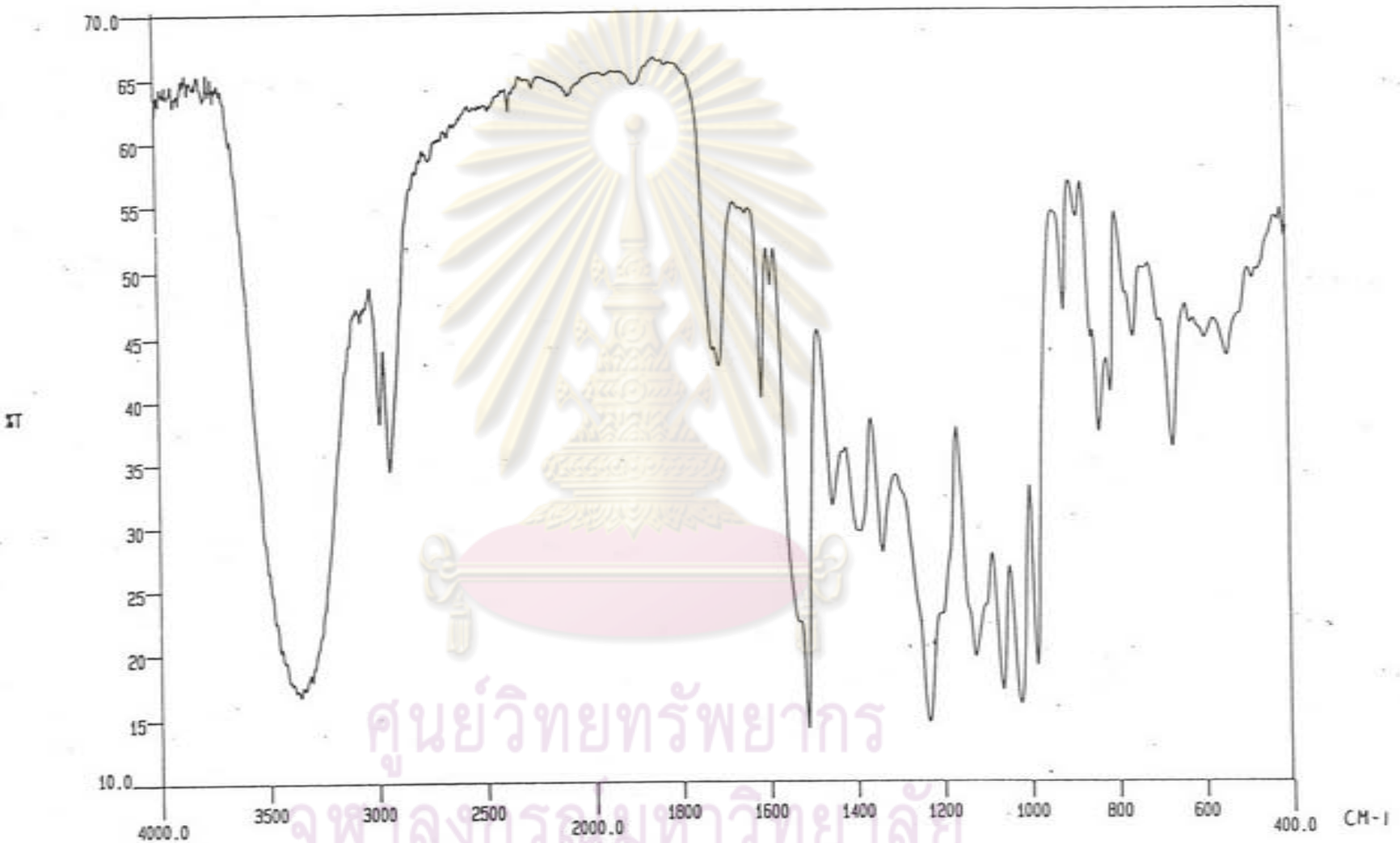


Figure 12 IR spectrum of J1 (neat)

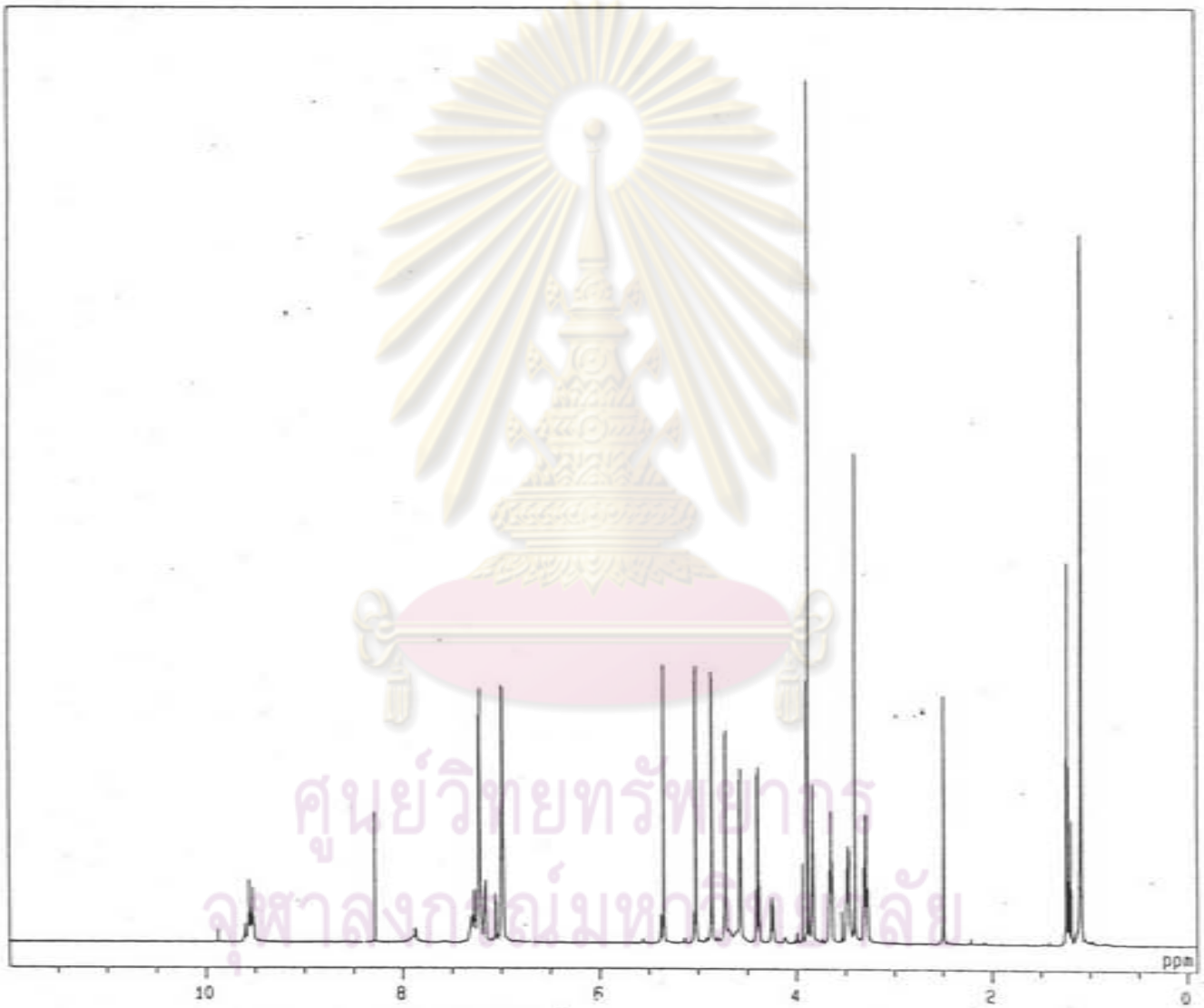


Figure 13 The 500 MHz ^{1}H NMR spectrum of J1 (in DMSO-d_6)

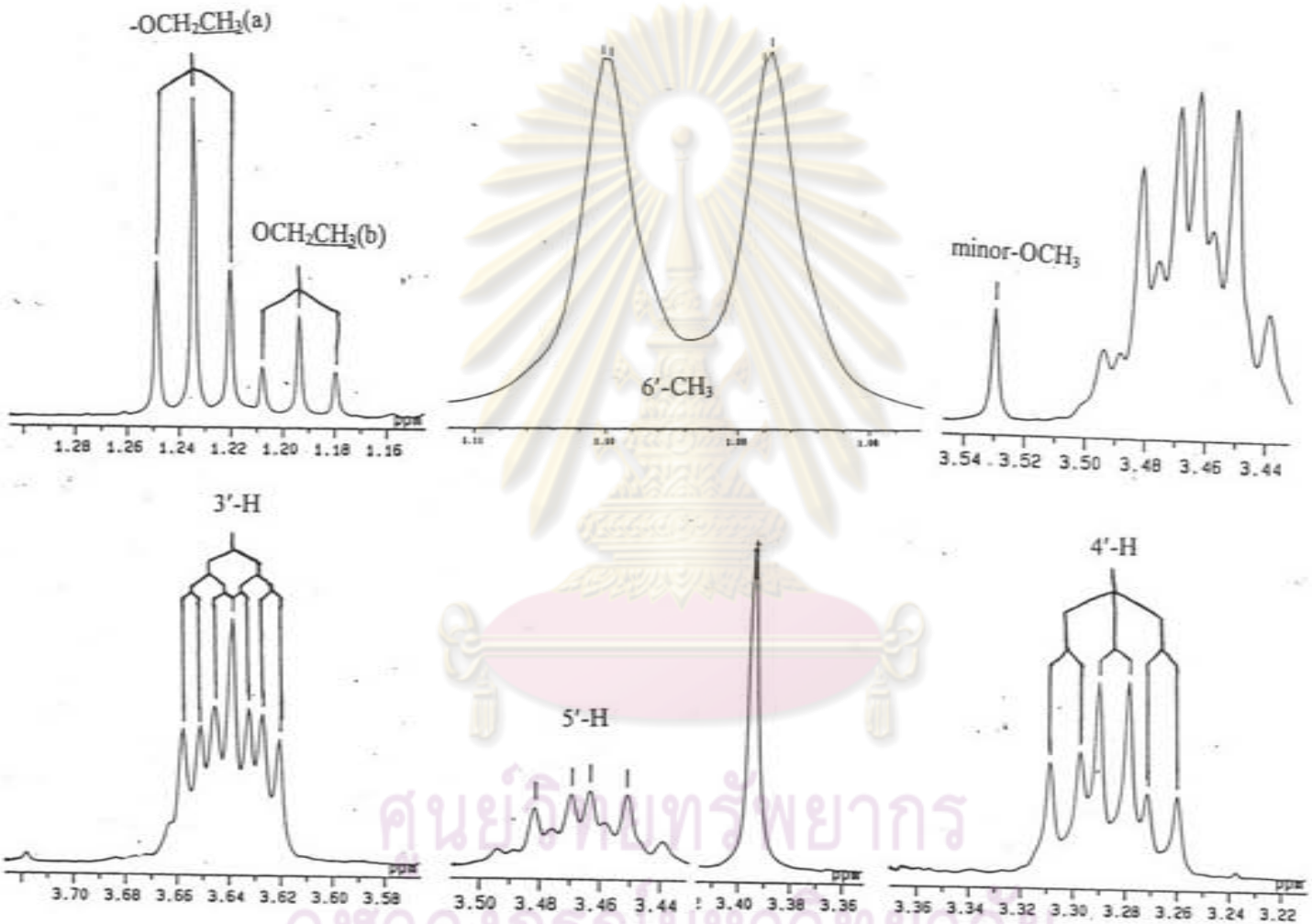


Figure 14 Expansion of the 500 MHz ^{1}H NMR of J1

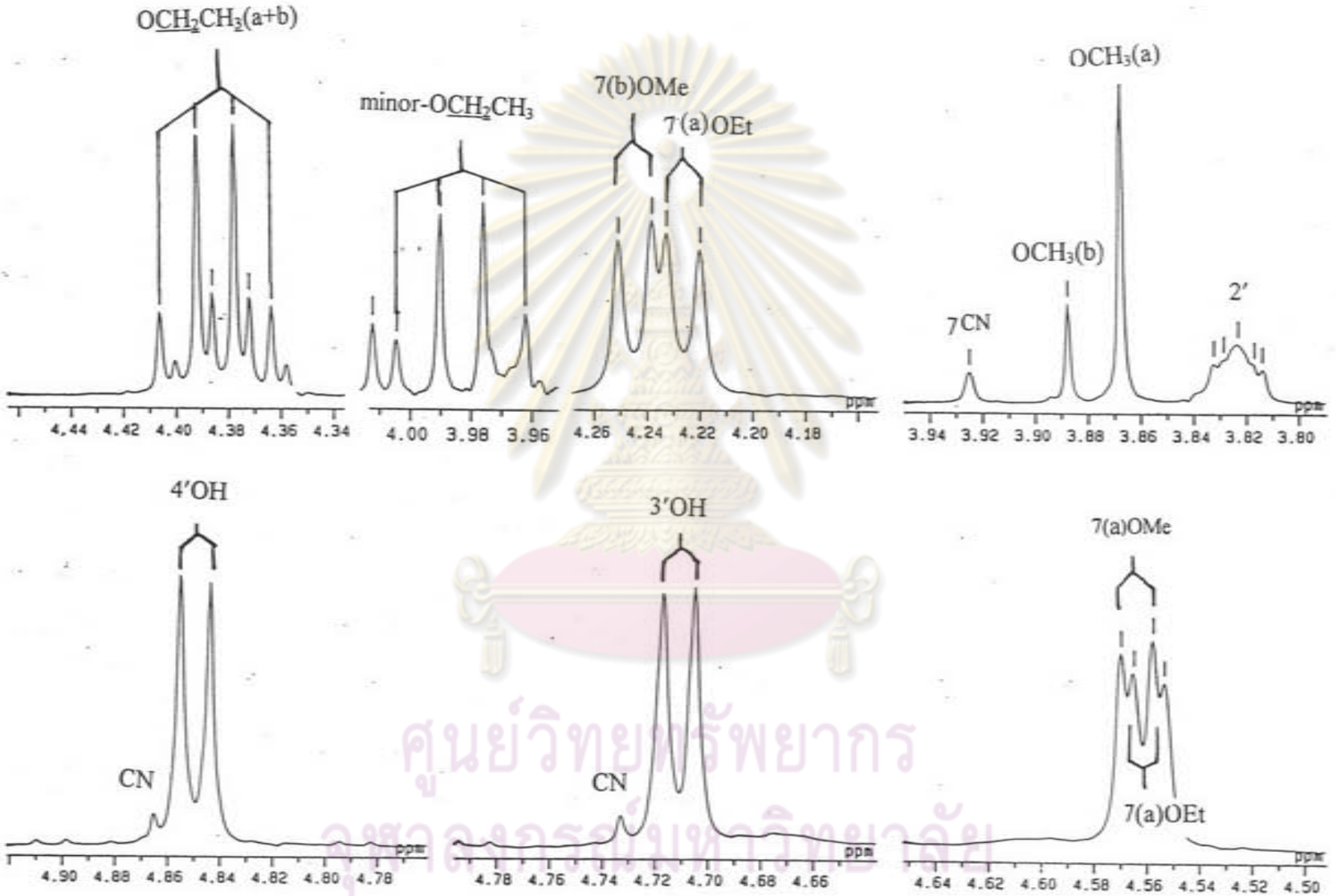


Figure 15 Expansion of the 500 MHz ^{1}H NMR of J1

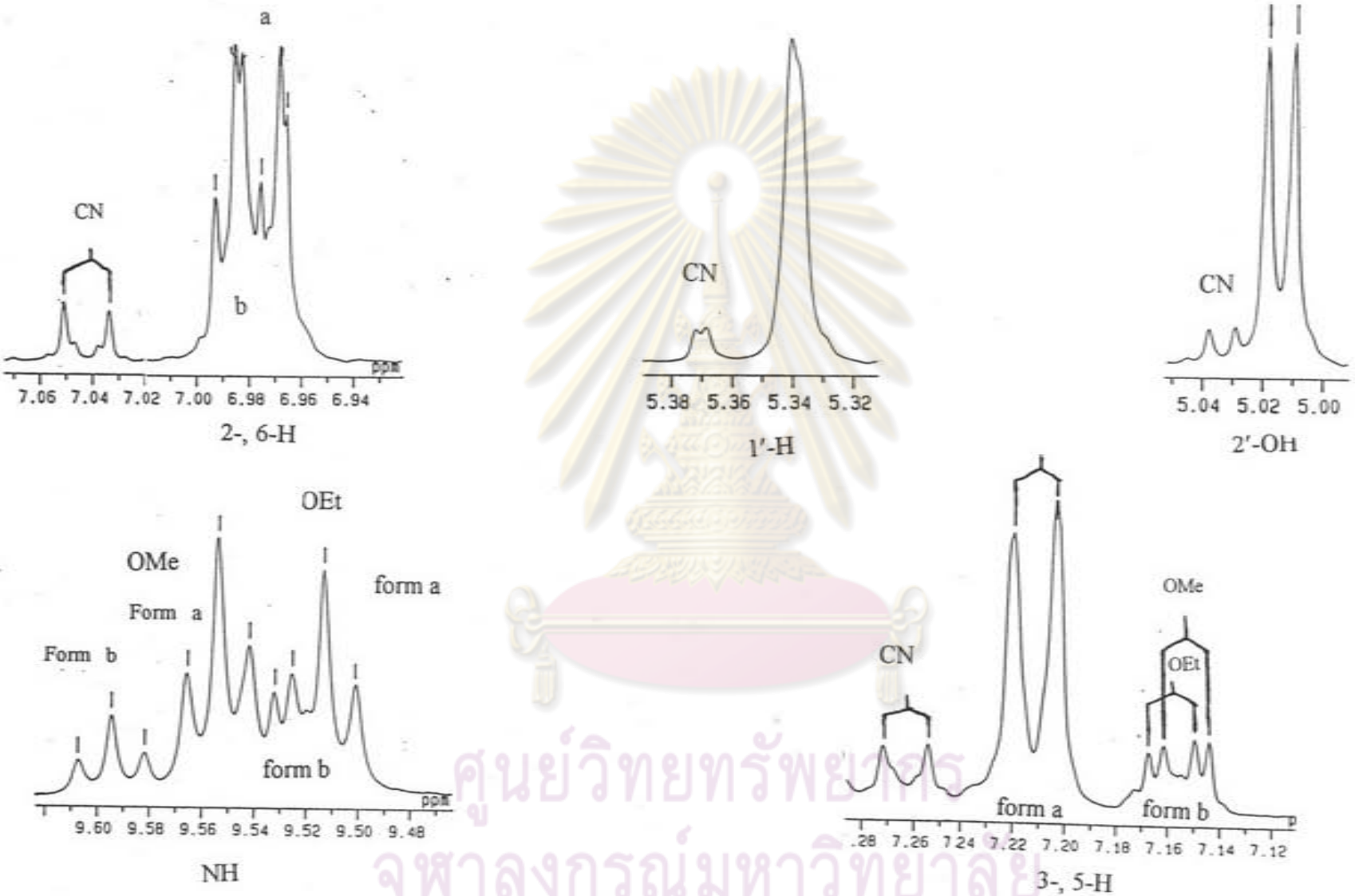


Figure 16 Expansion of the 500 MHz ^{1}H NMR of J1

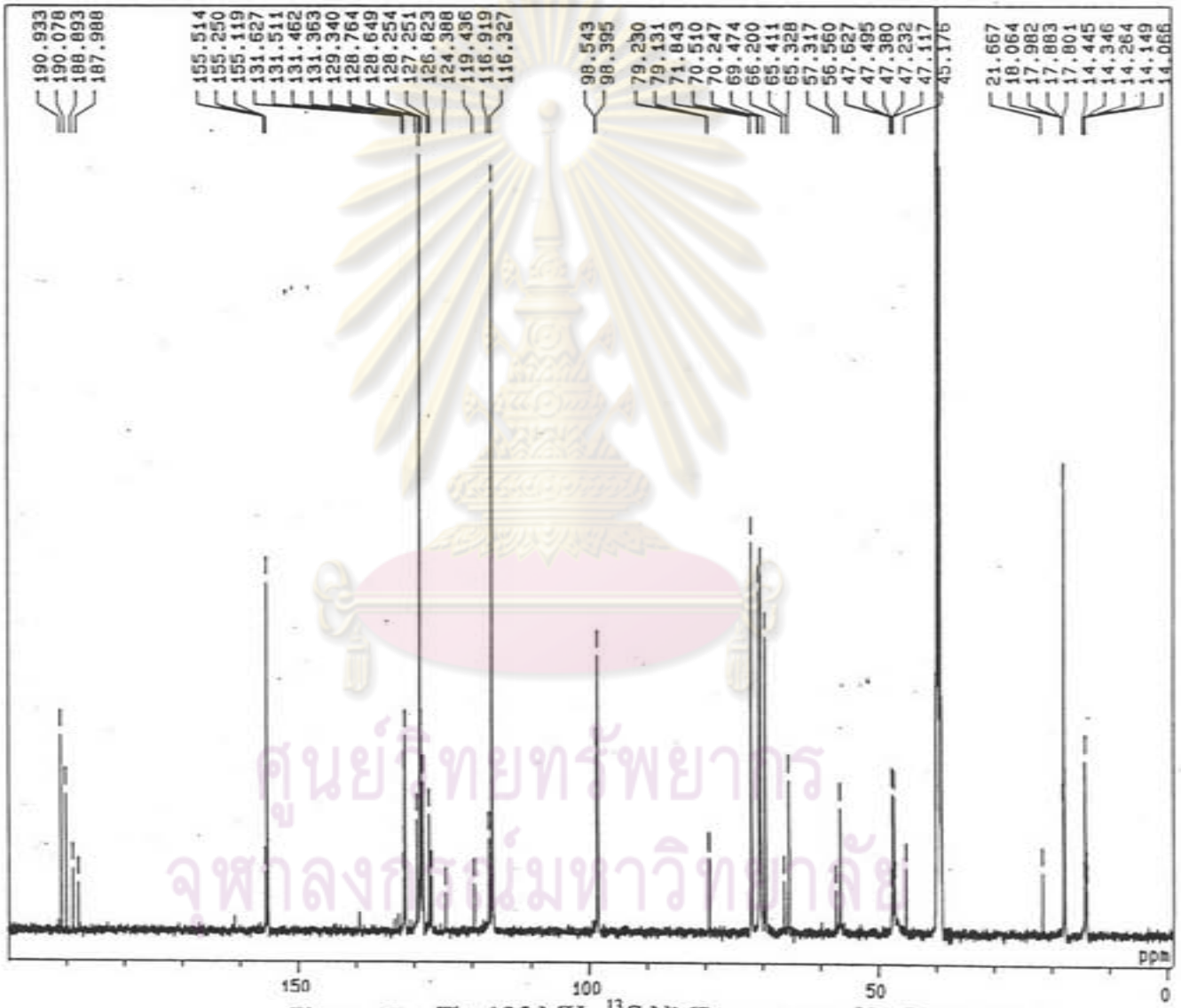


Figure 17 The 125 MHz ^{13}C NMR spectrum of J1 (in DMSO-d_6)

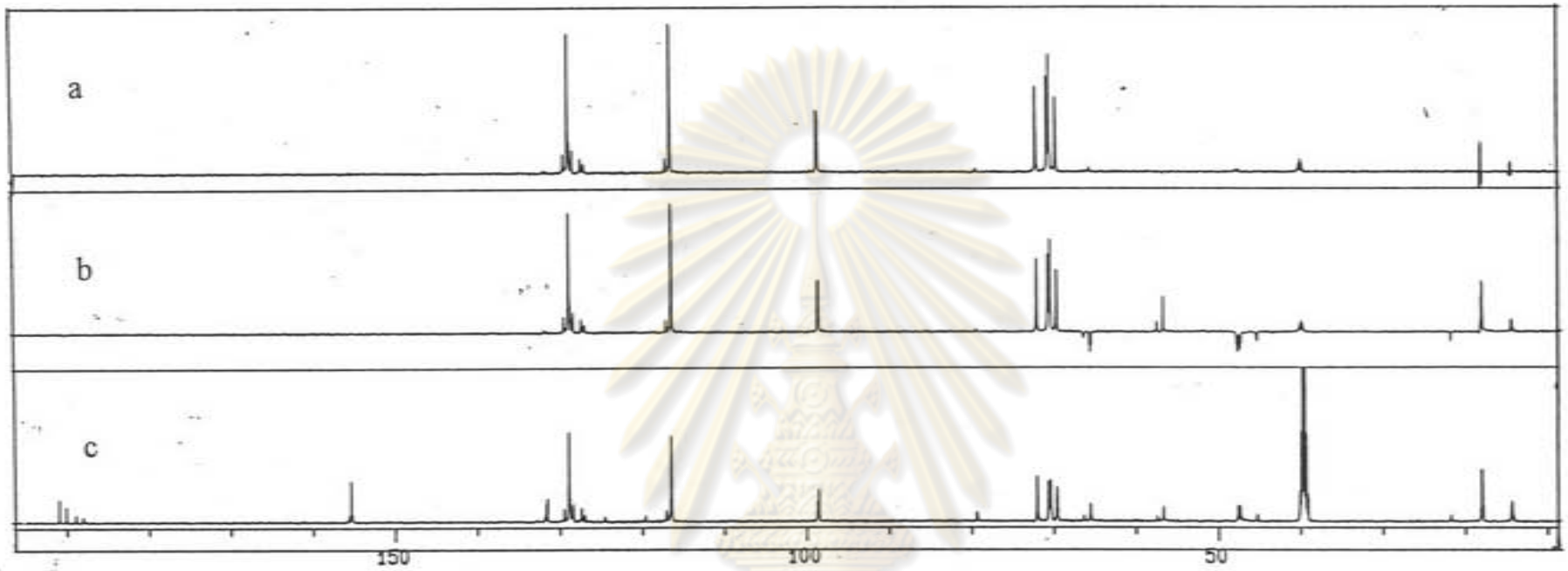


Figure 18 The 125 MHz ^{13}C DEPT NMR spectrum of J1 (in DMSO-d_6)

a. ^{13}C DEPT - 90

b. ^{13}C DEPT - 135

c. Normal spectrum

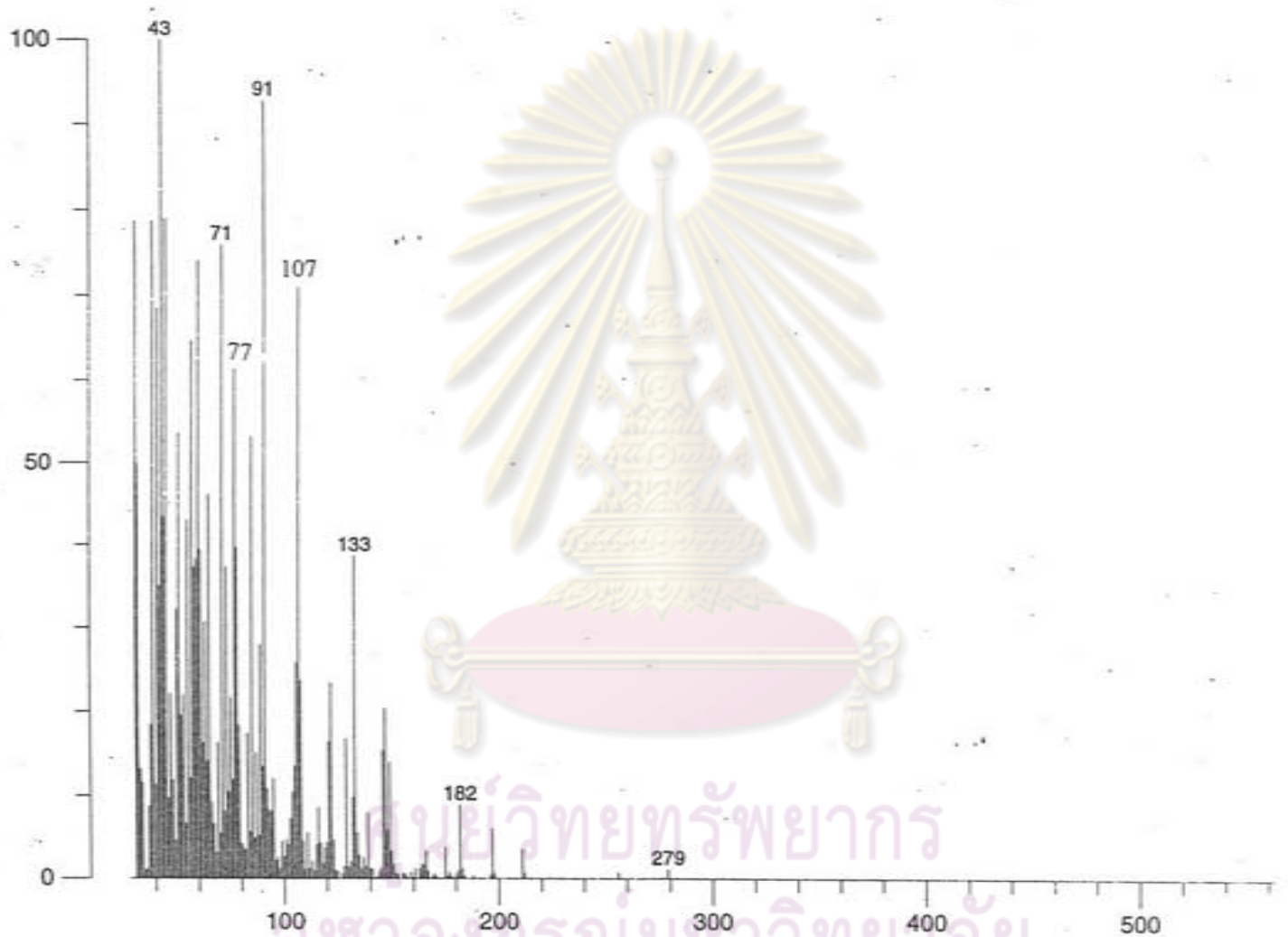


Figure 19 EI mass spectrum of J1

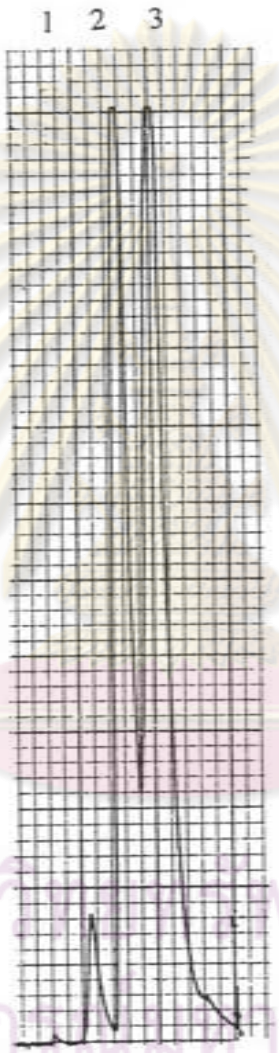


Figure 20 HPLC chromatogram from J1

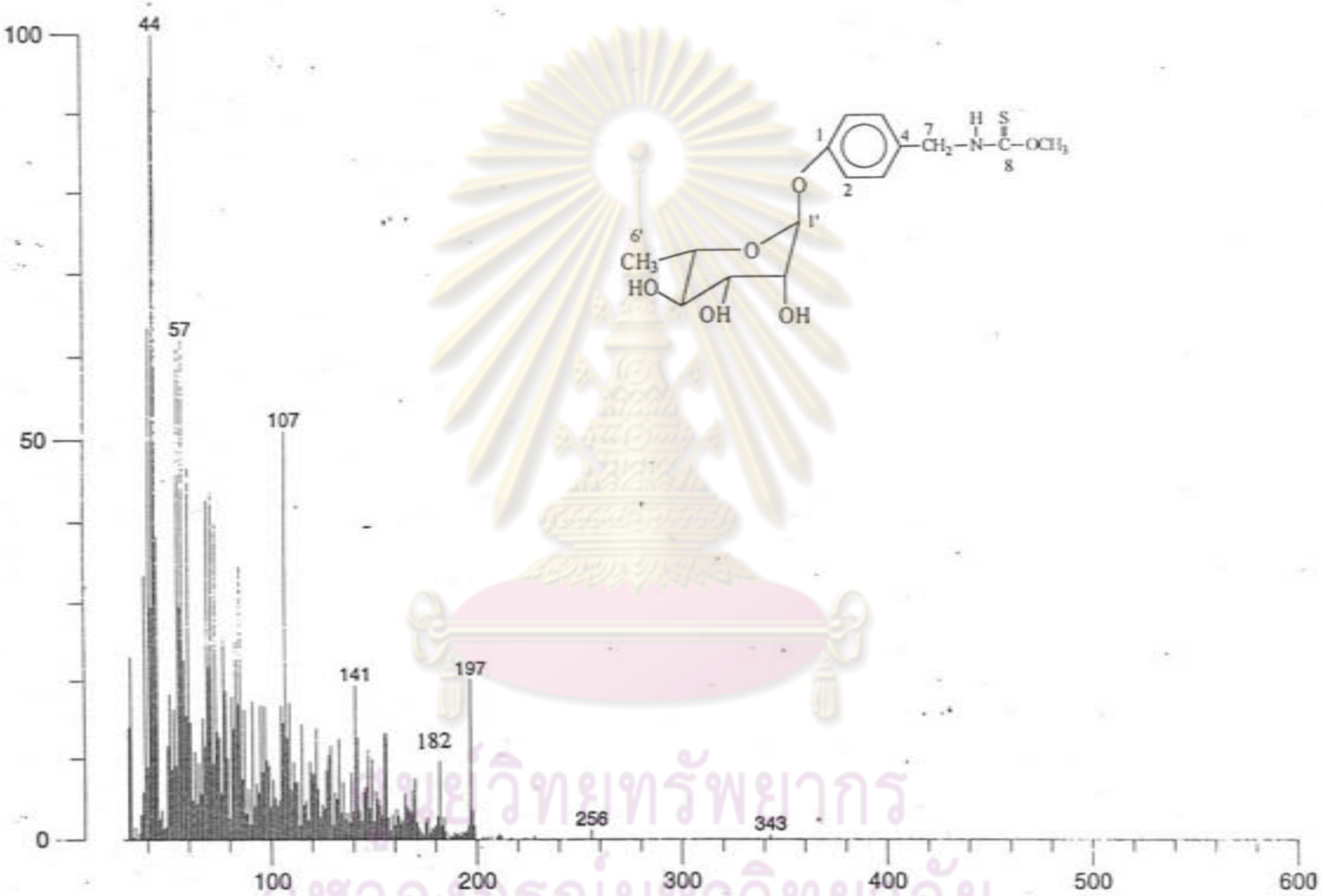


Figure 21 EI mass spectrum of niazinin A

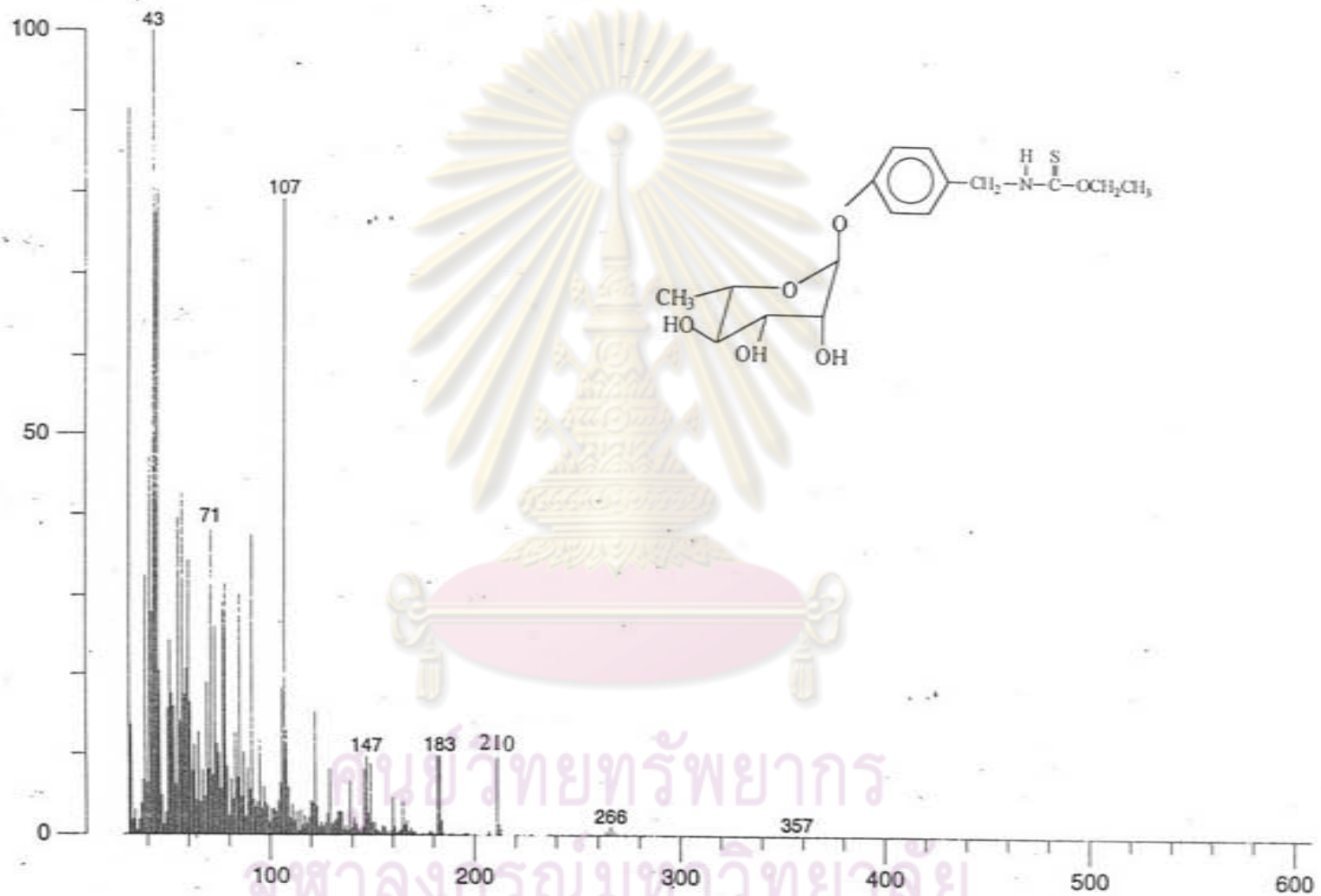


Figure 22 EI mass spectrum of niazimicin

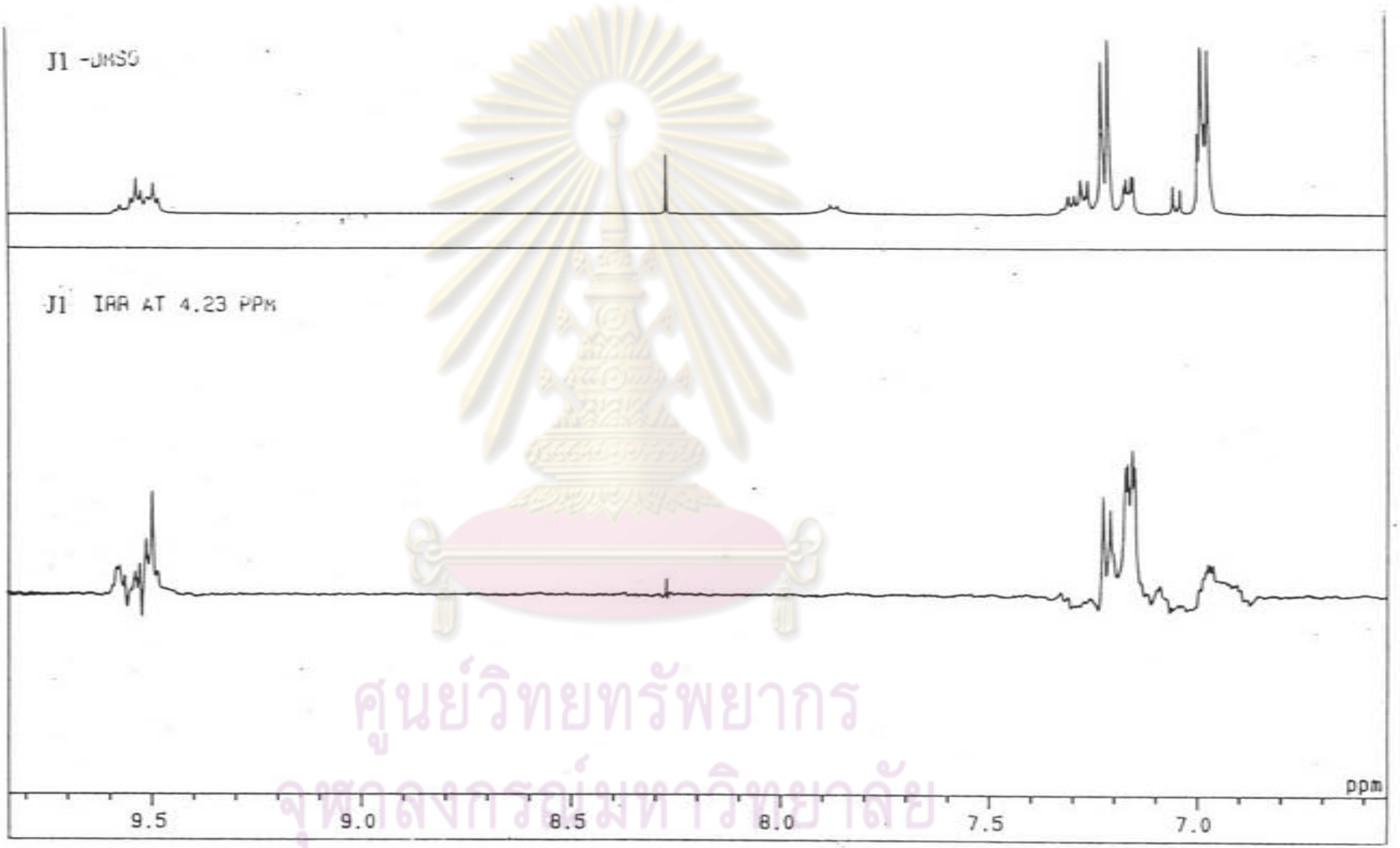


Figure 26 NOE spectrum of J1 irradiated at 4.23 ppm

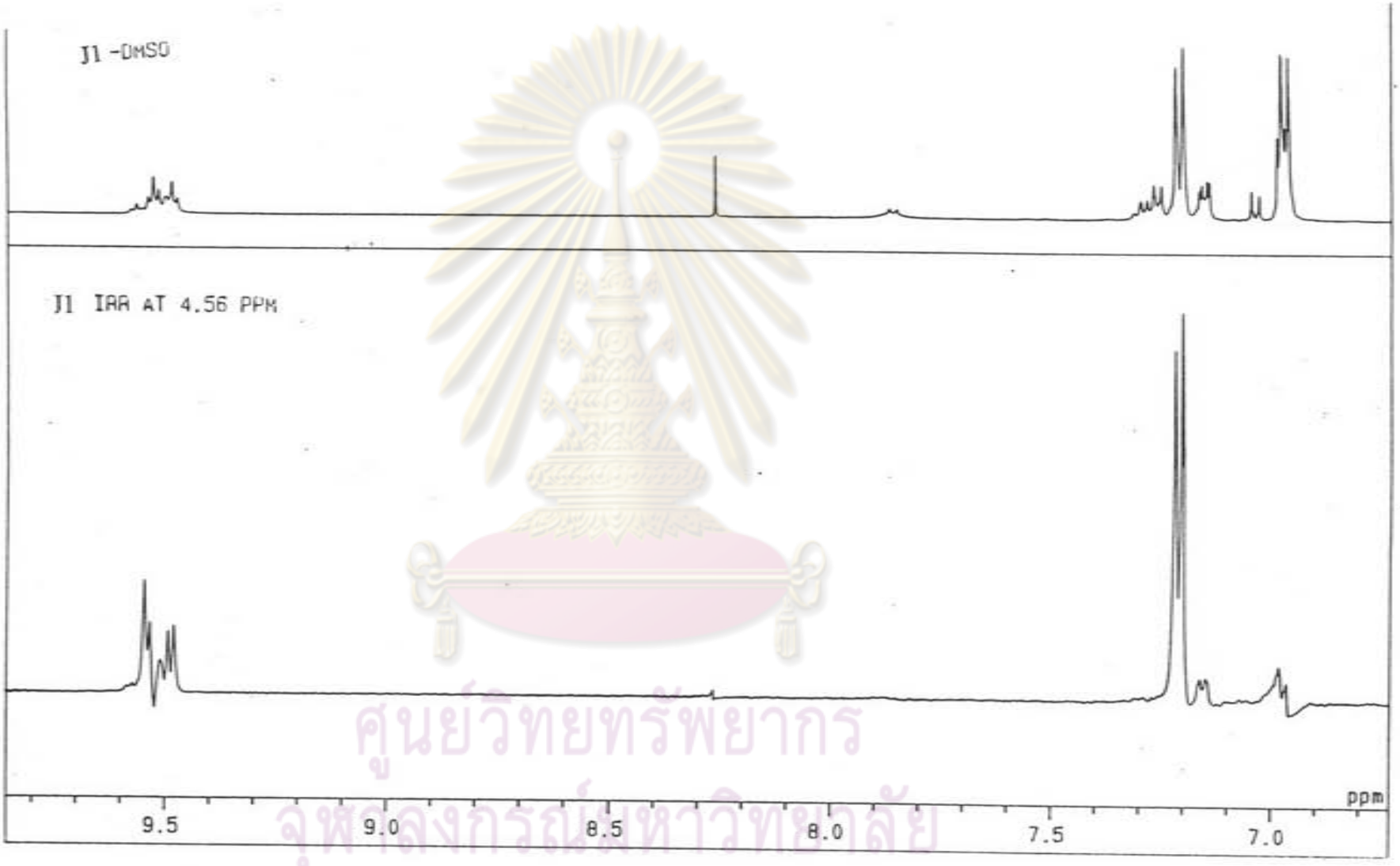


Figure 27 NOE spectrum of J1 irradiated at 4.56 ppm

VITA

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