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Figure 26 *Derris reticulata* Craib

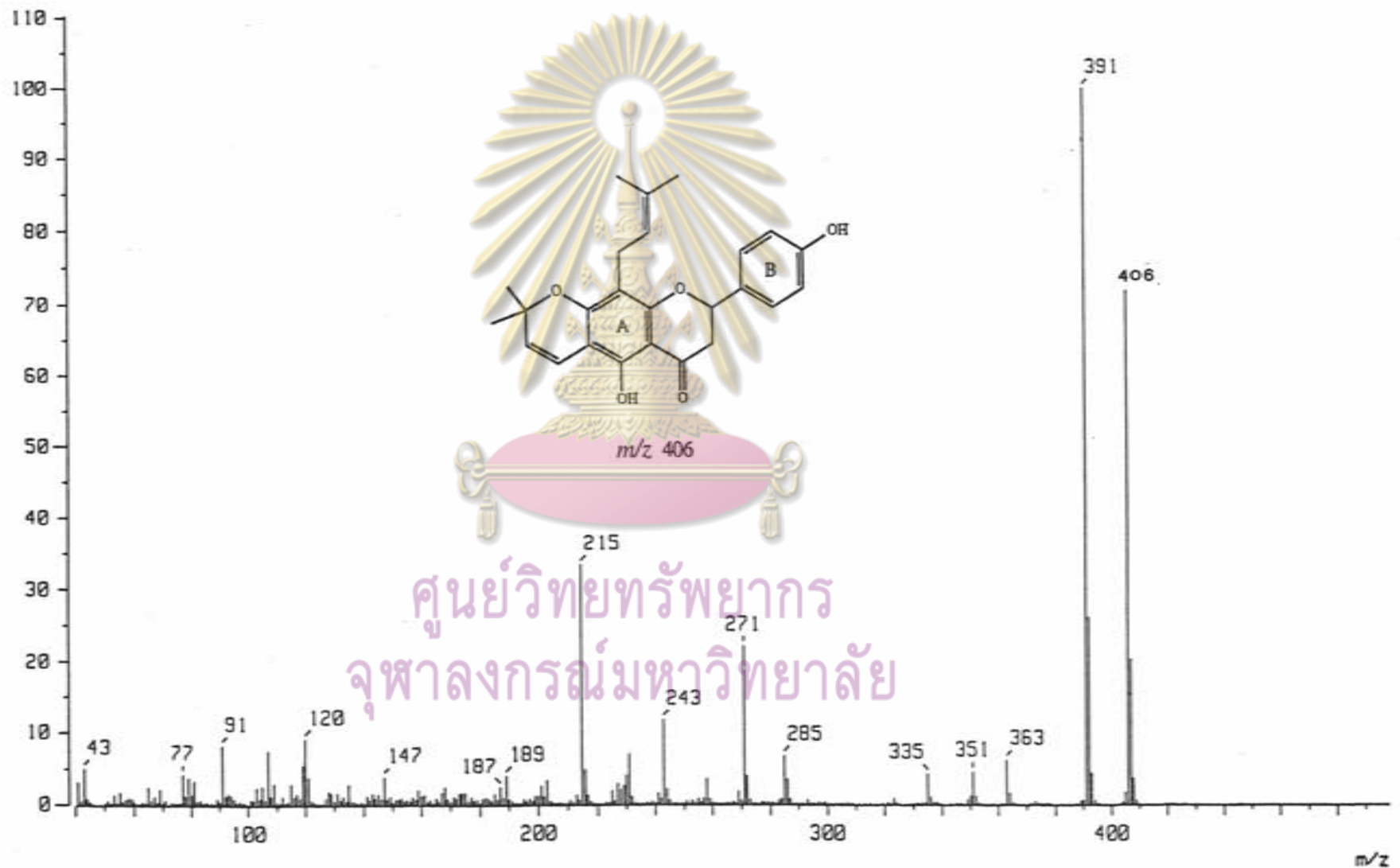


Figure 27 EI mass spectrum of DR-1

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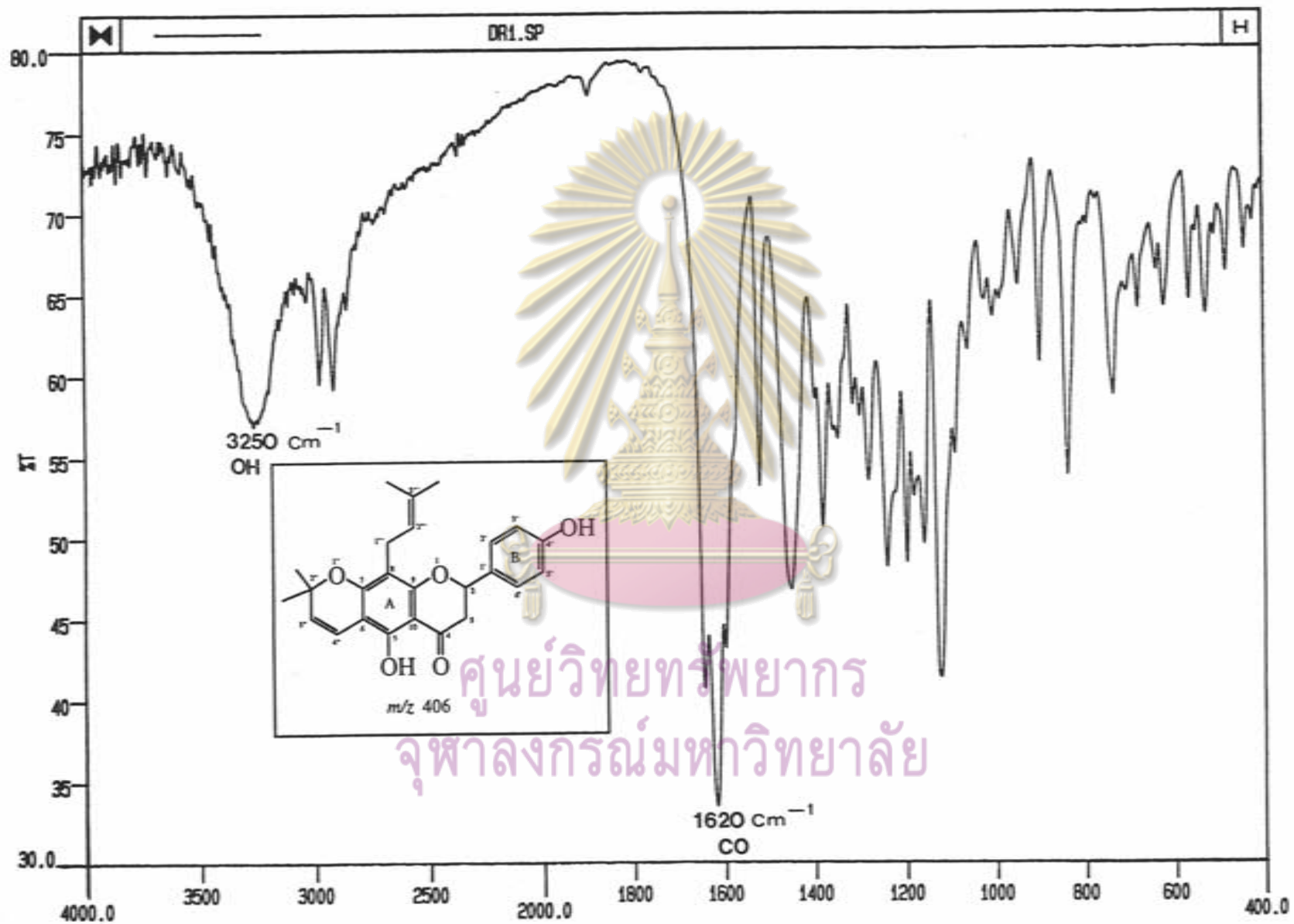


Figure 28 IR spectrum of DR-1

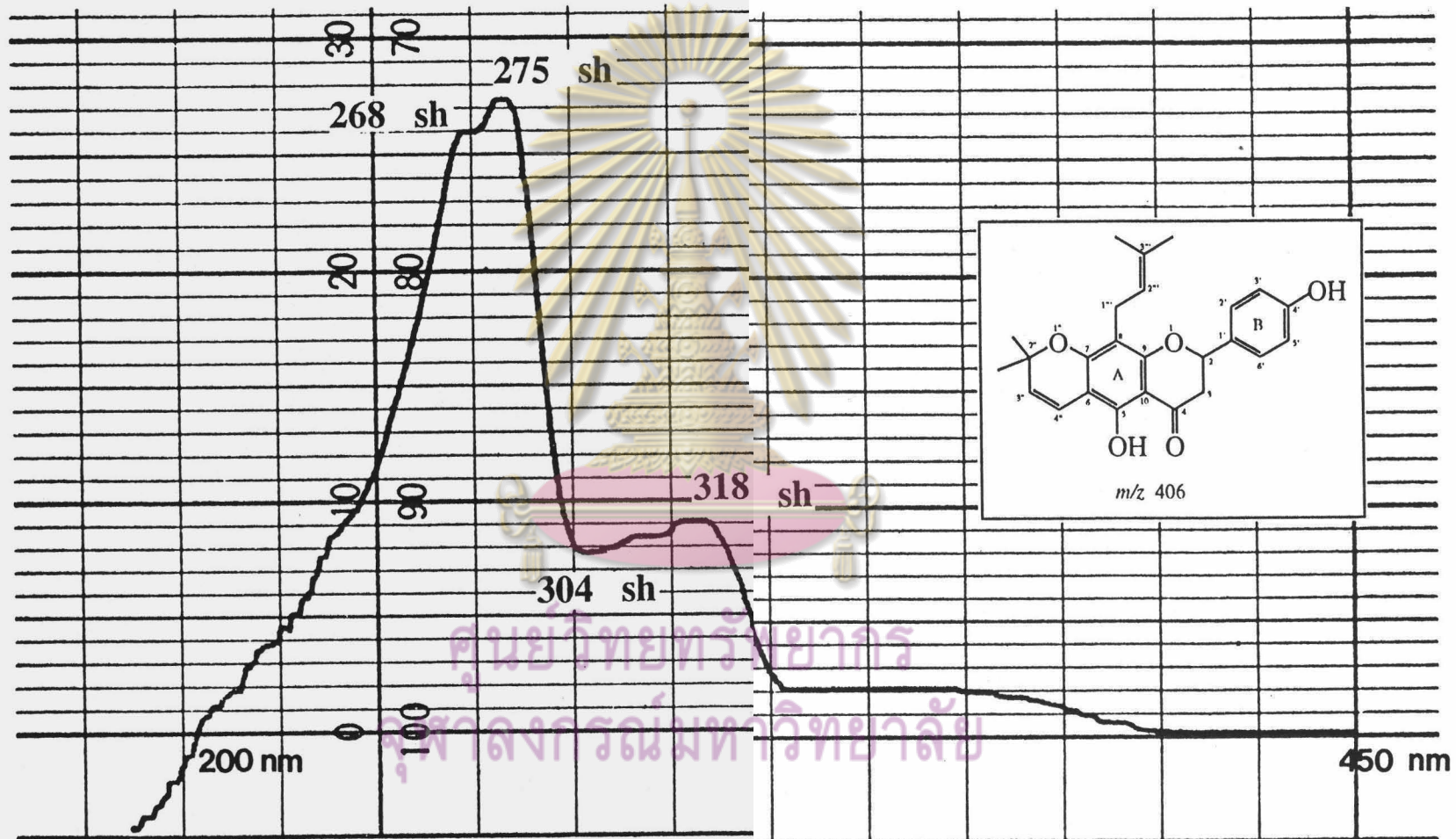


Figure 29 UV absorption spectrum of DR-1

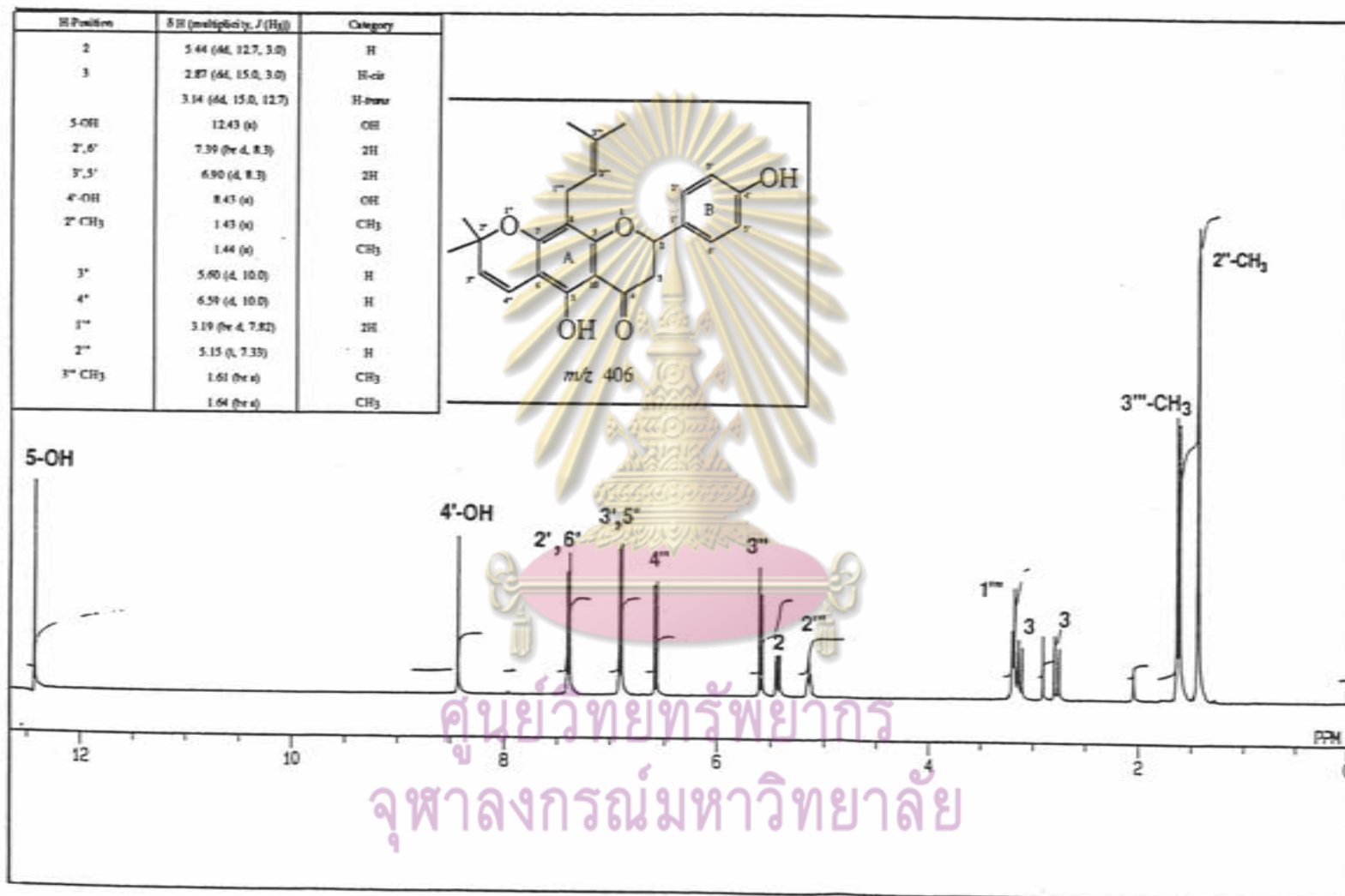


Figure 30 $^1\text{H-NMR}$ spectrum of DR-1 in acetone - d_6

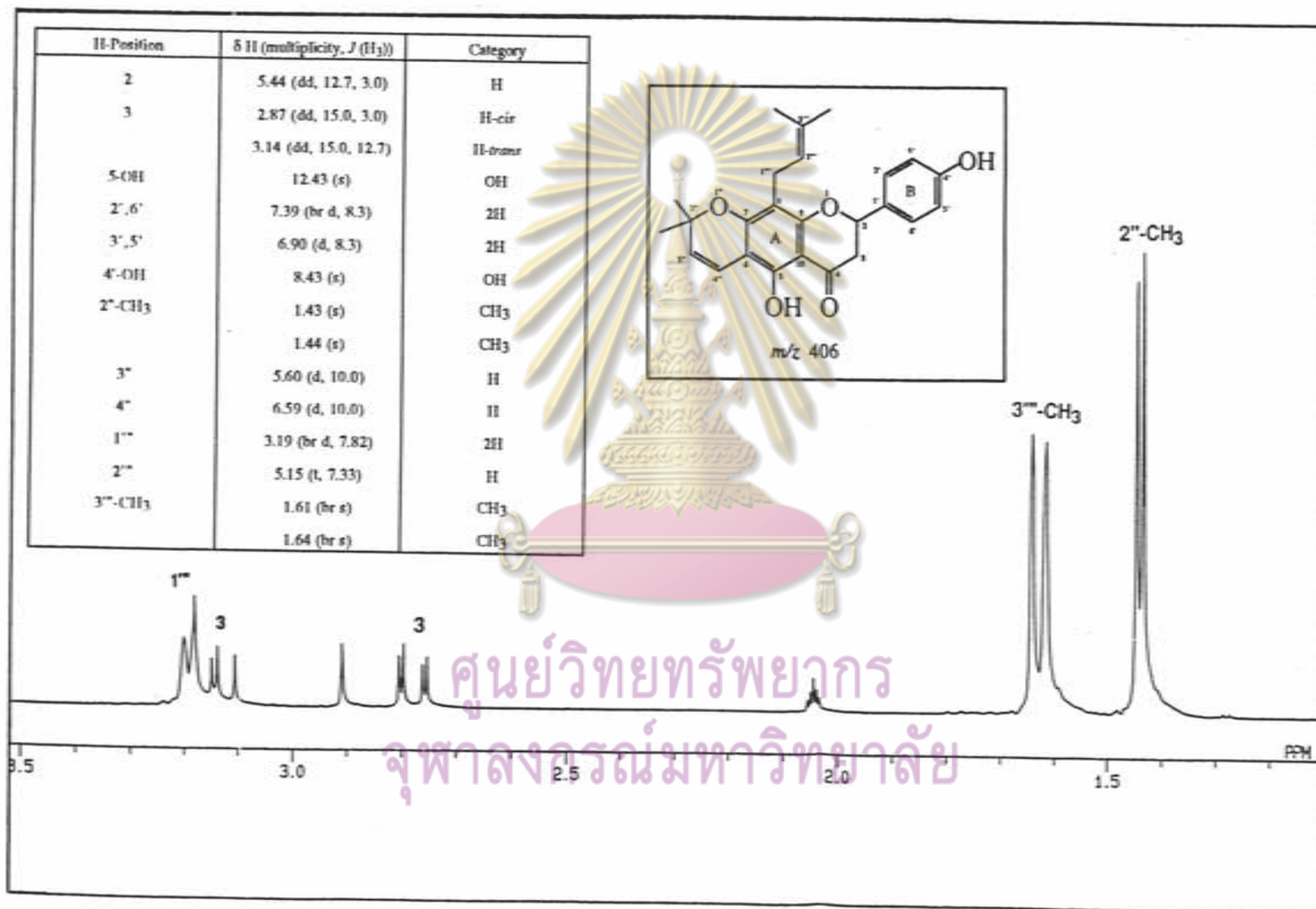


Figure 30.1 ¹H-NMR spectrum of DR-1 in acetone -*d*₆

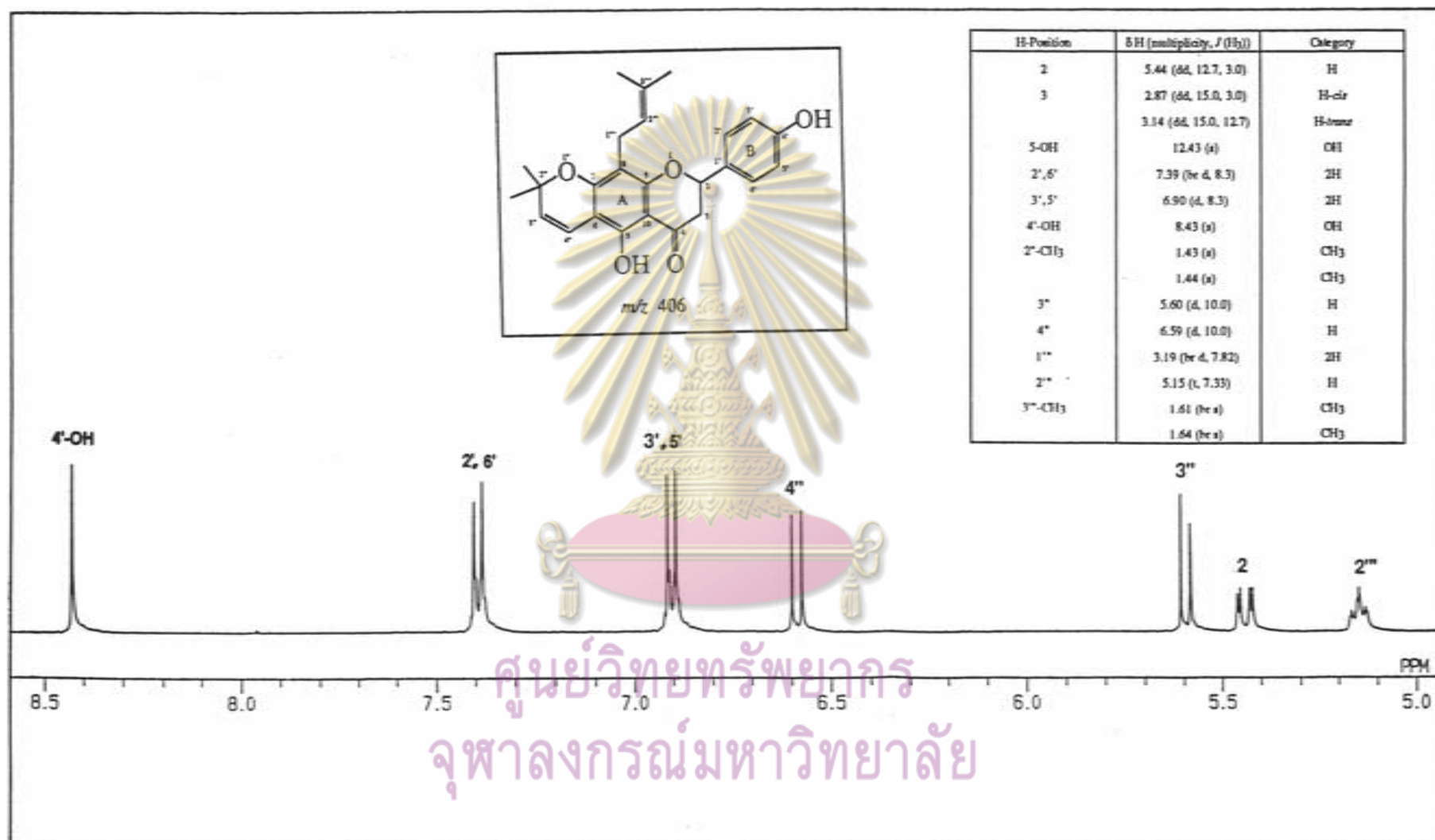


Figure 30.2 $^1\text{H-NMR}$ spectrum of DR-1 in acetone- d_6

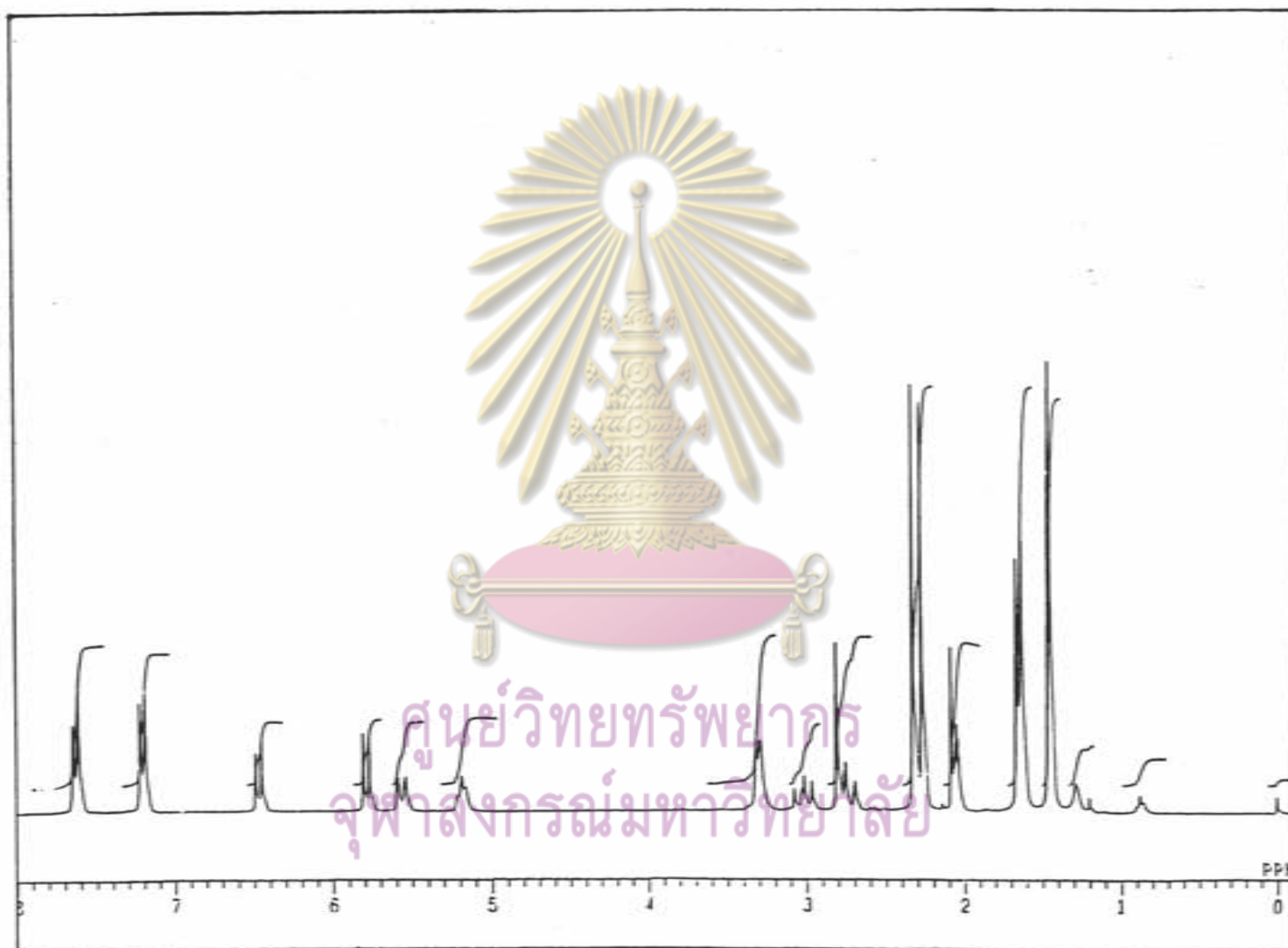


Figure 30.3 $^1\text{H-NMR}$ spectrum of DR-1 (acetylated DR-1)

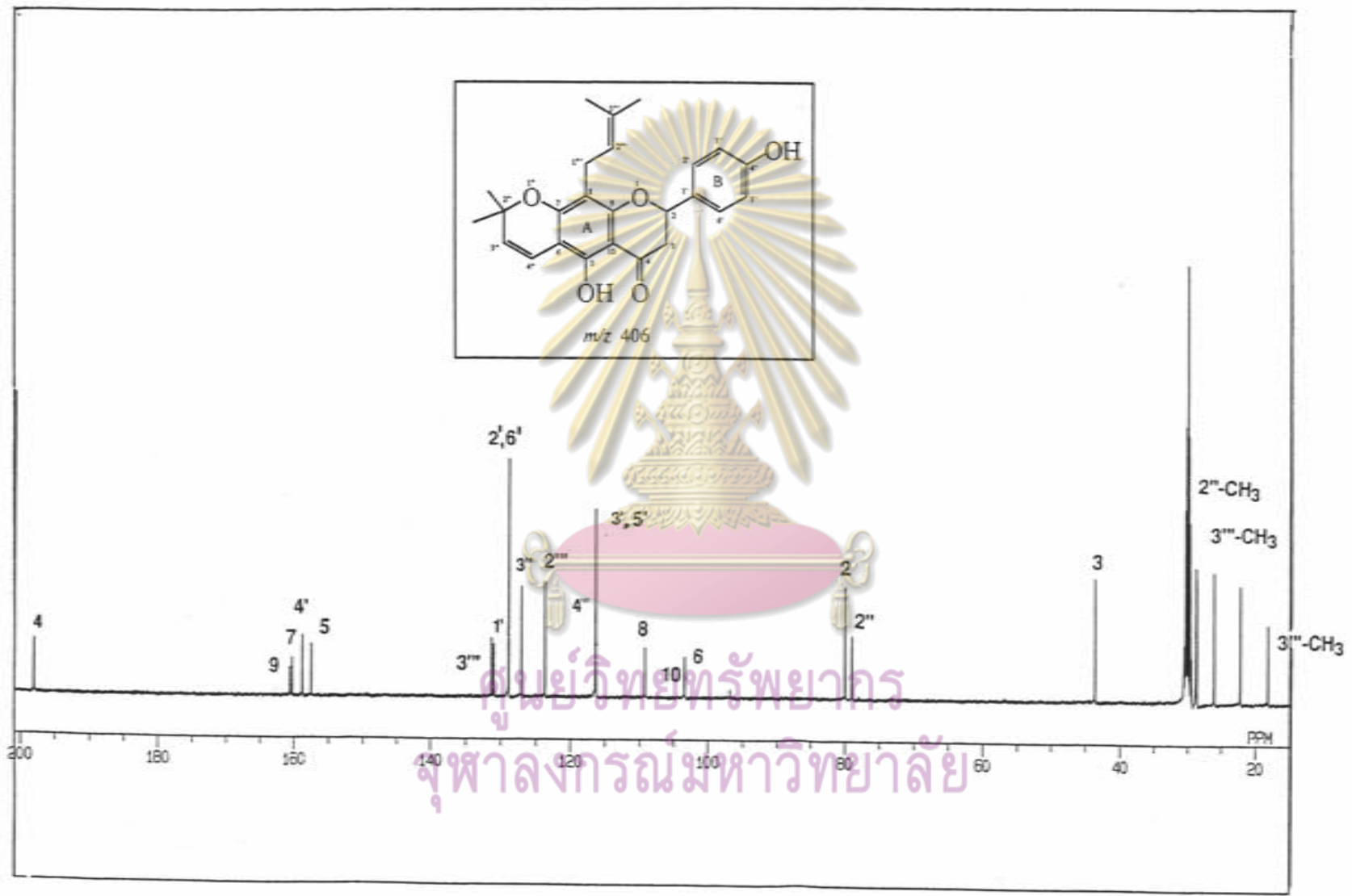


Figure 31 ^{13}C -NMR spectrum of DR-1 in acetone- d_6

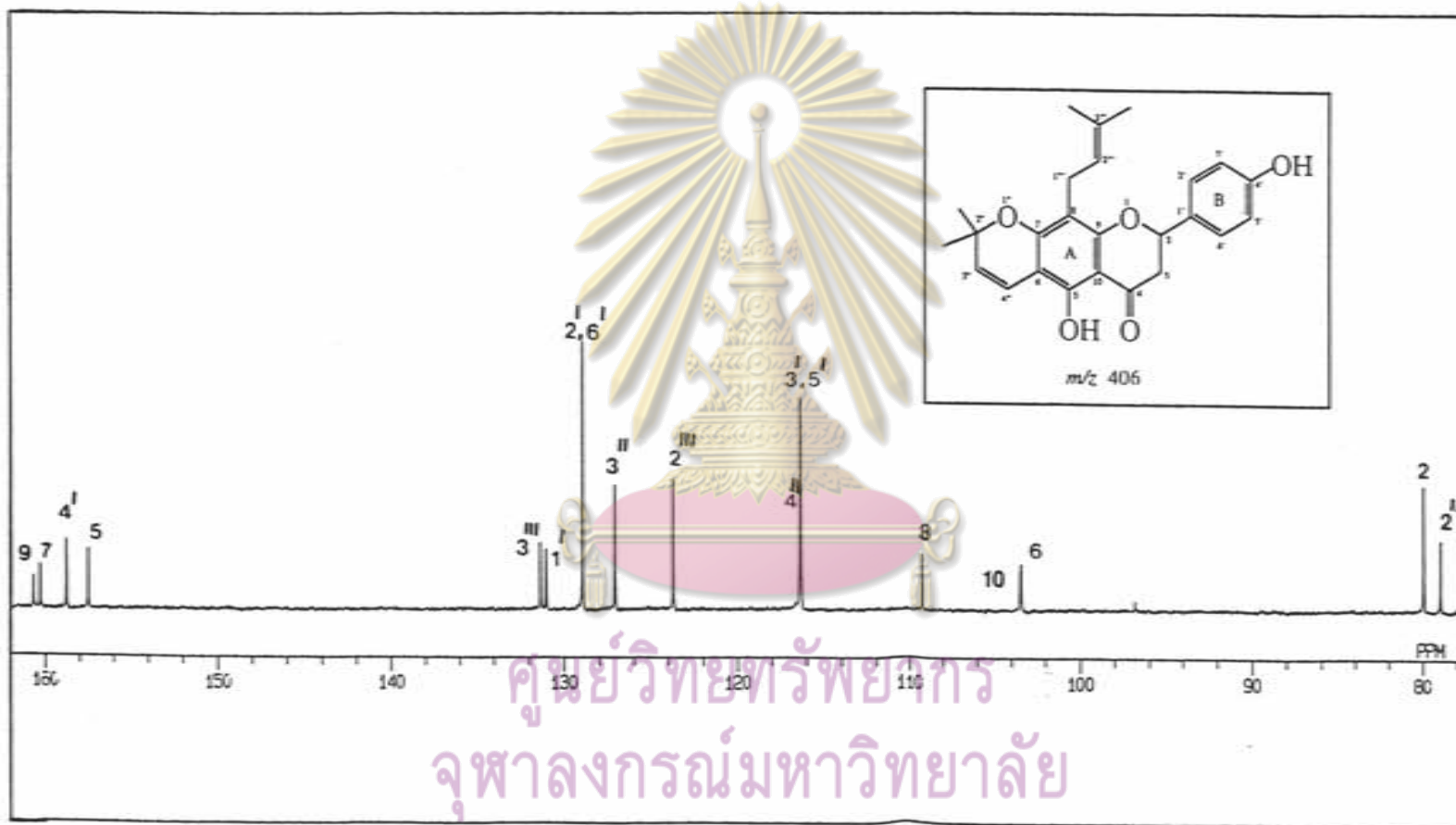
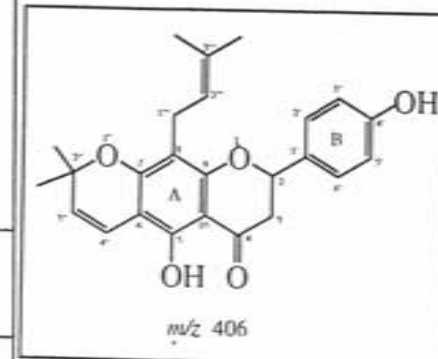
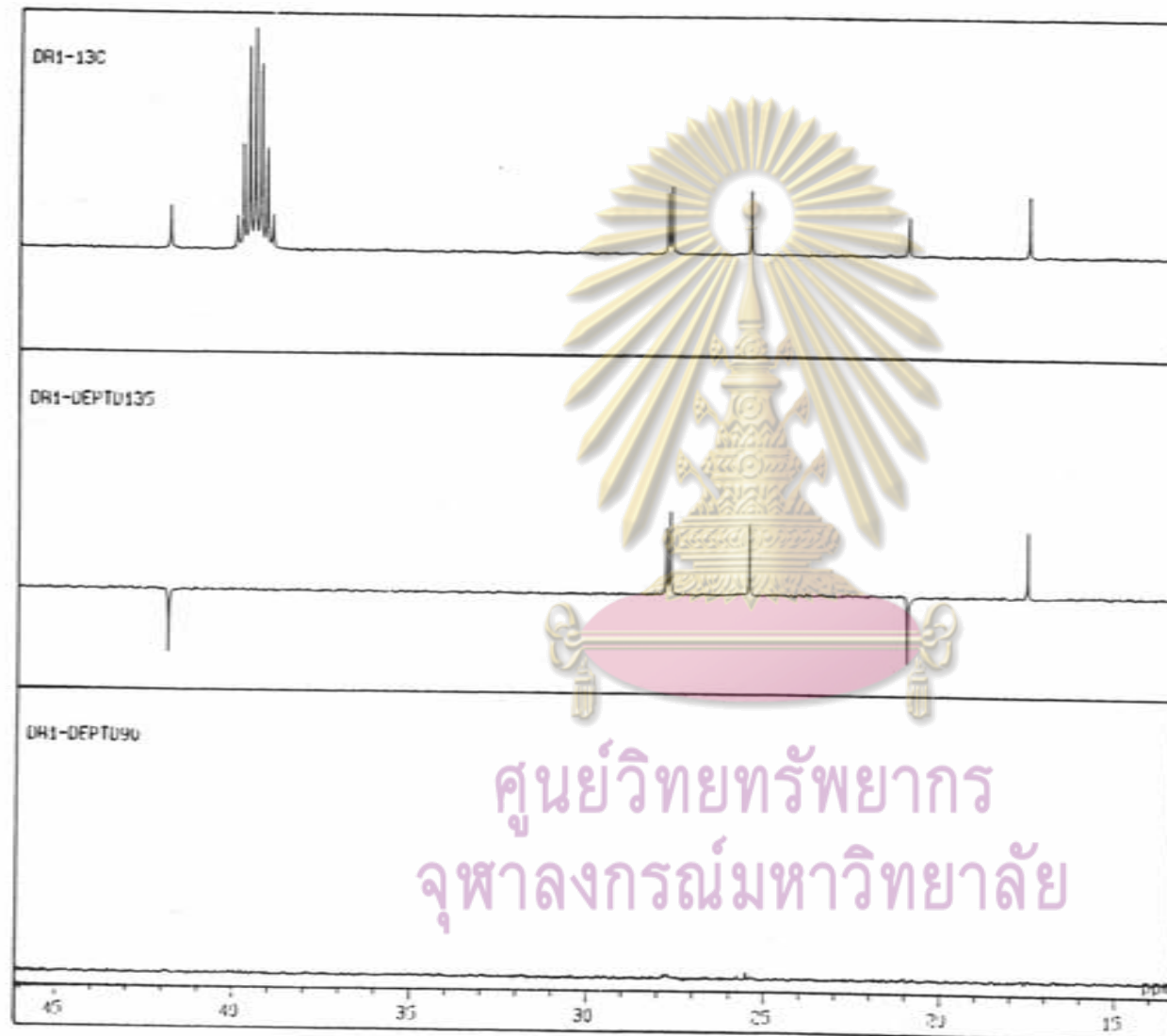


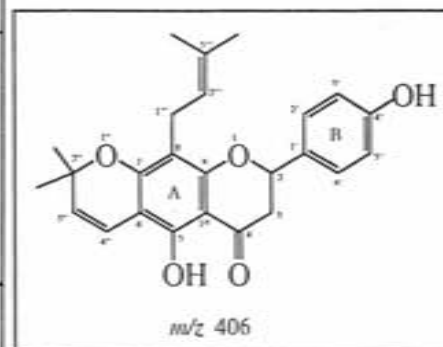
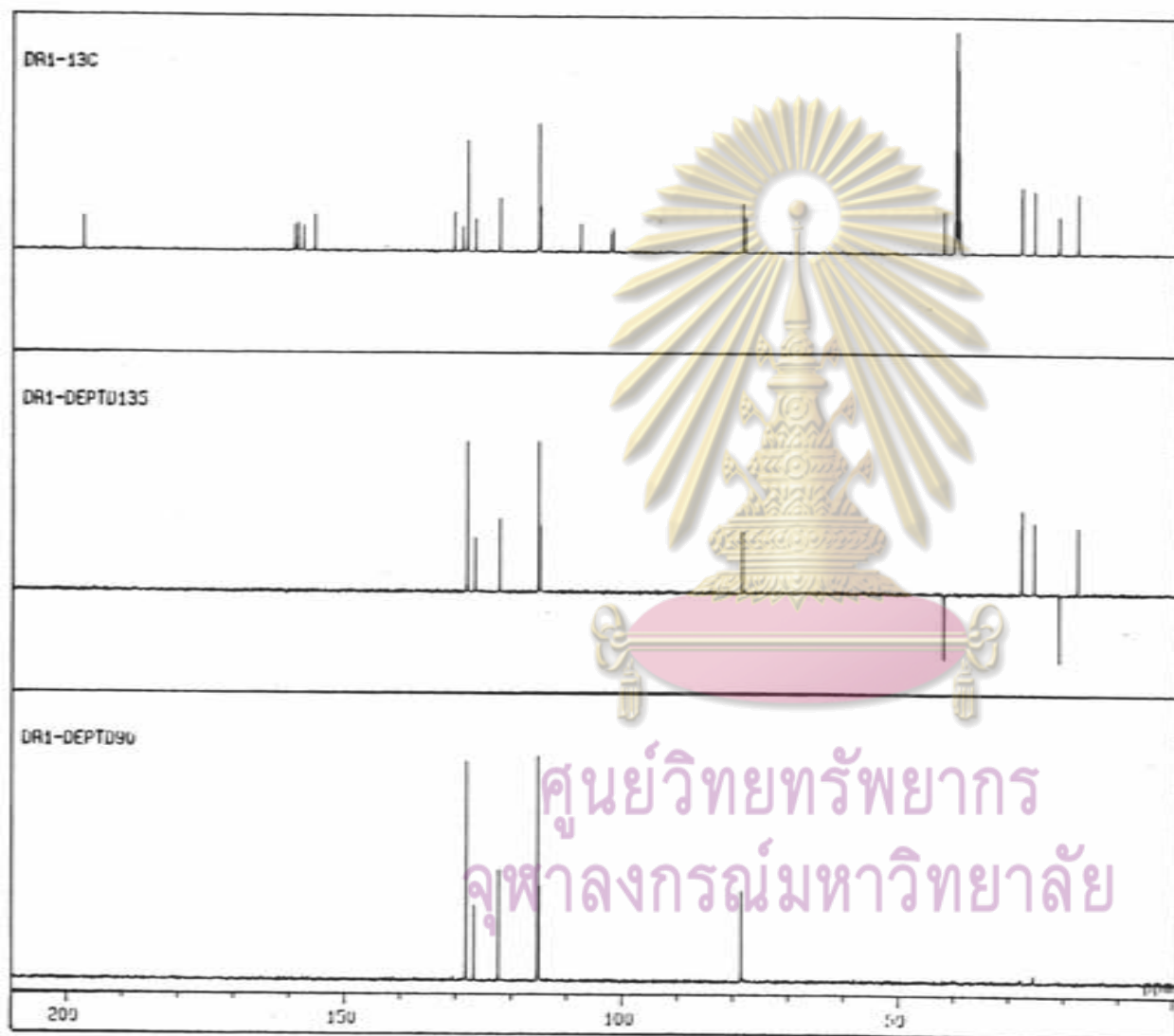
Figure 31.1 ^{13}C -NMR spectrum of DR-1 in acetone- d_6



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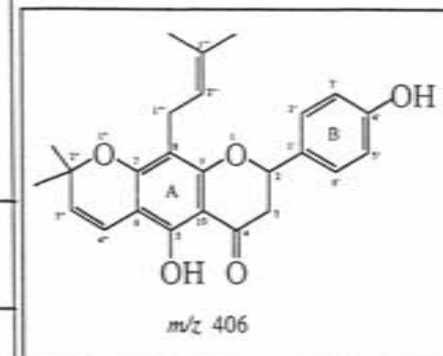
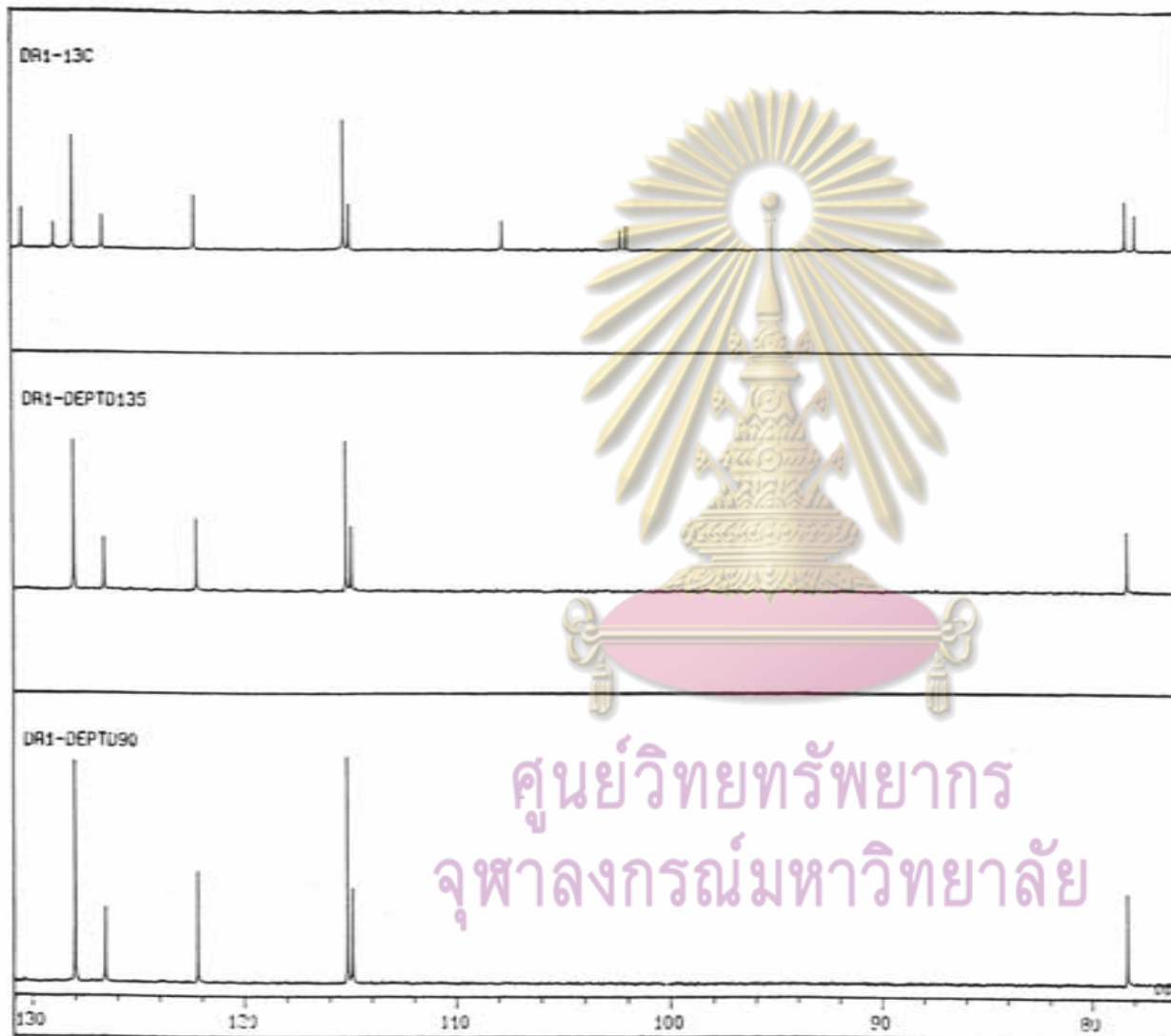


Figure 32 ^{13}C -NMR spectrum of DR-1 (DEPT)



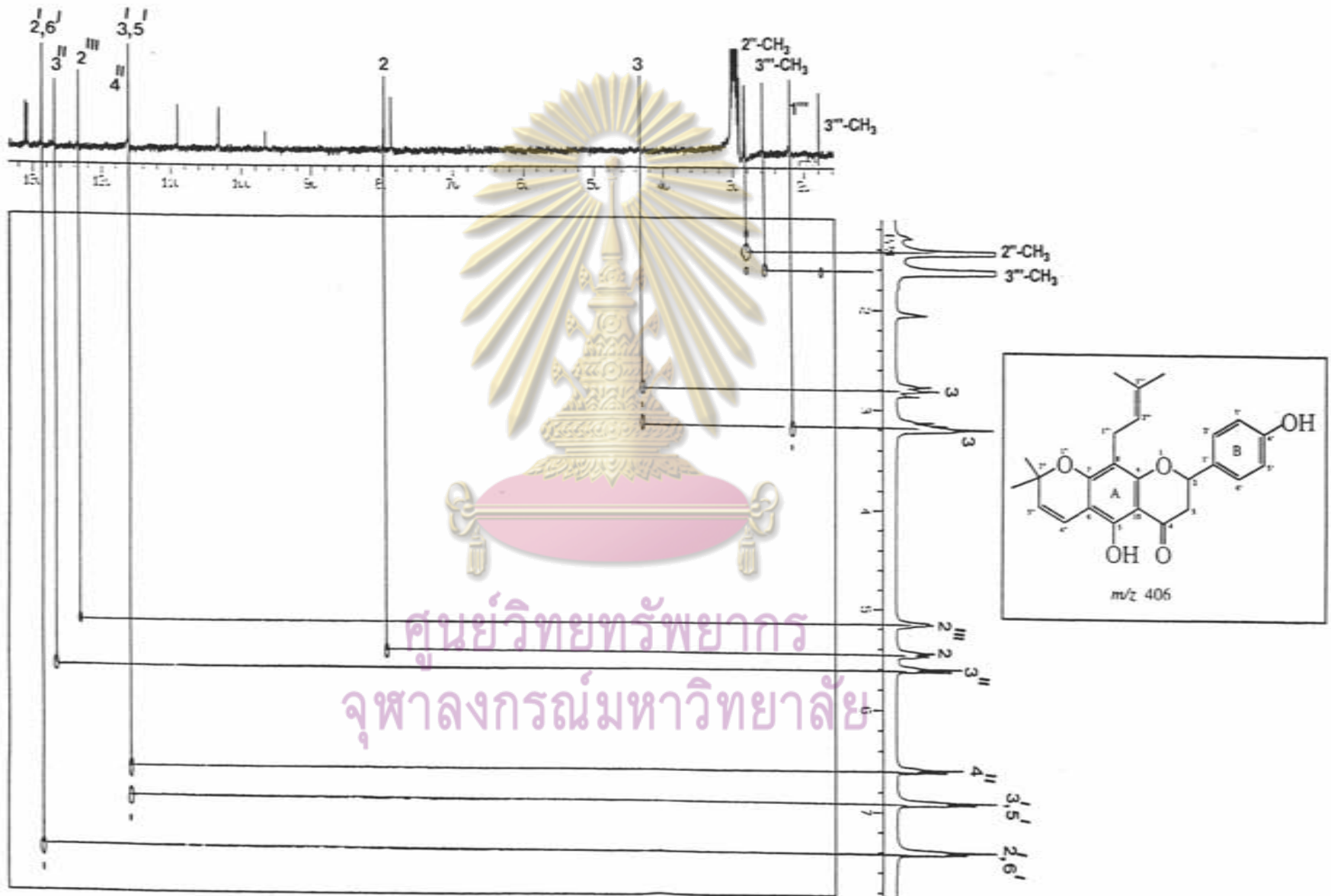
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Figure 32.1 ^{13}C -NMR spectrum of DR-1 (DEPT)



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Figure 32.2 ^{13}C -NMR spectrum of DR-1 (DEPT)



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Figure 33 HETCOR spectrum of DR-1 in acetone- d_6

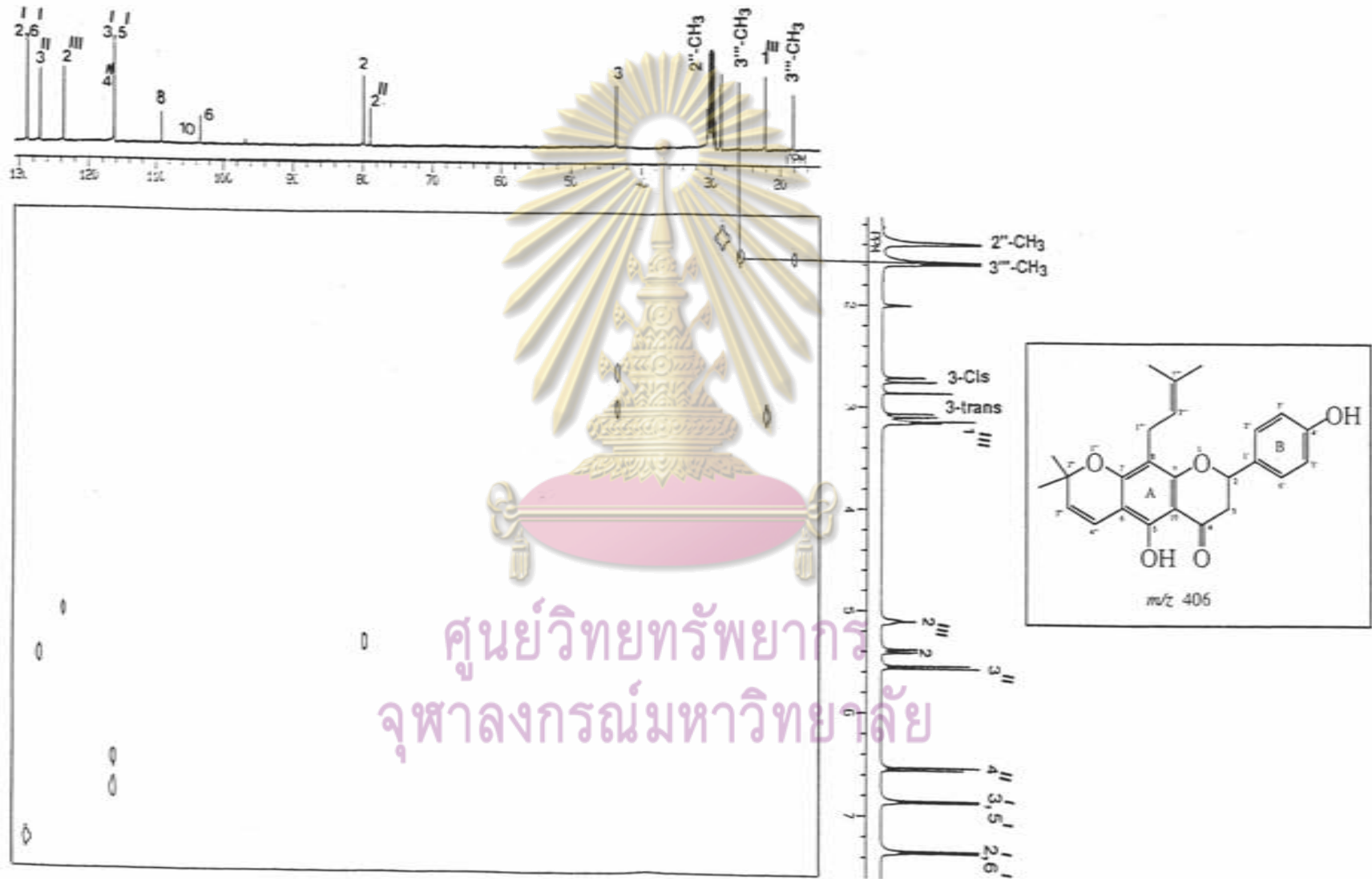


Figure 33.1 HETCOR spectrum of DR-1 in acetone- d_6

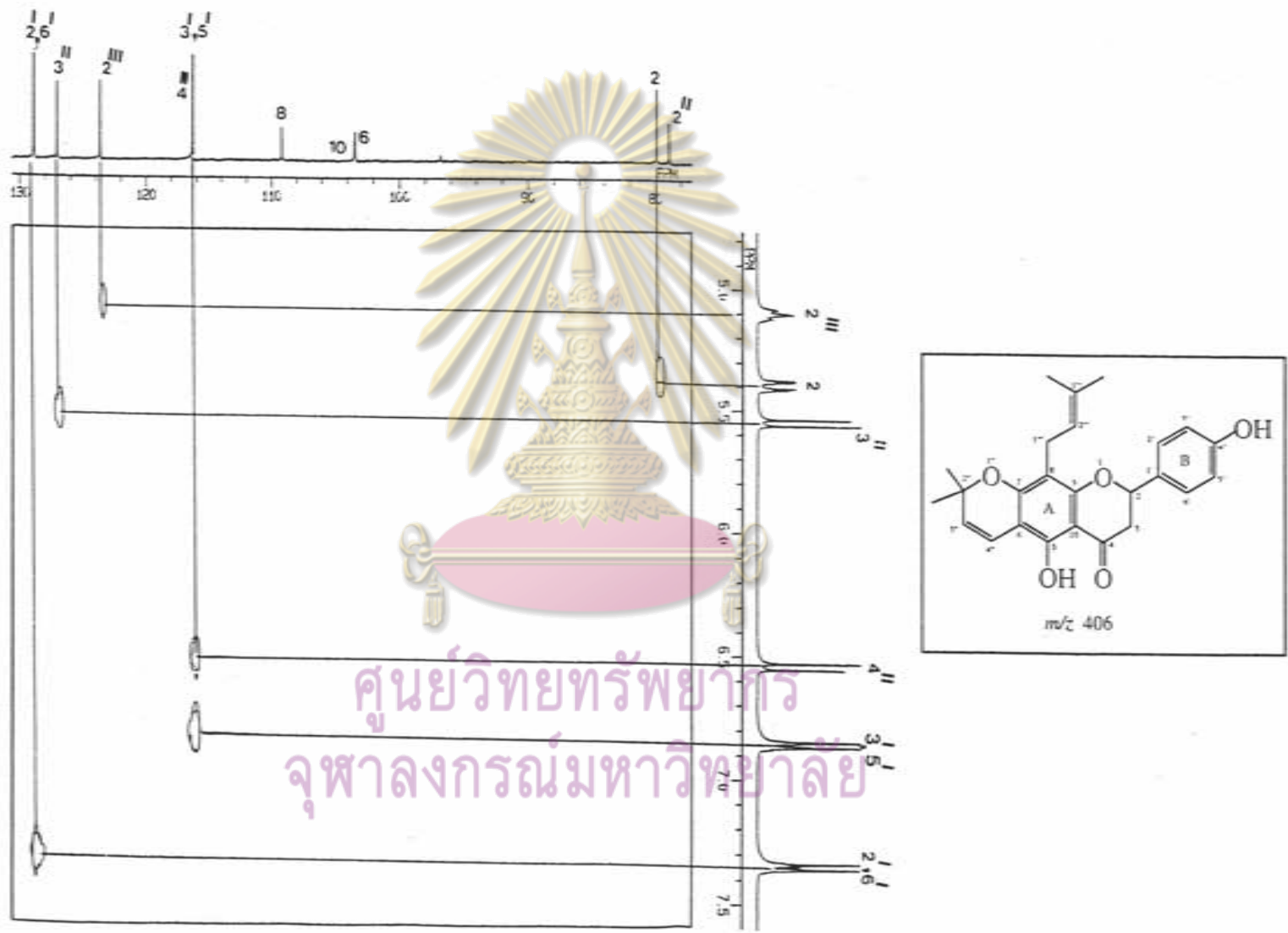


Figure 33.2 HETCOR spectrum of DR-1 in acetone - d_6

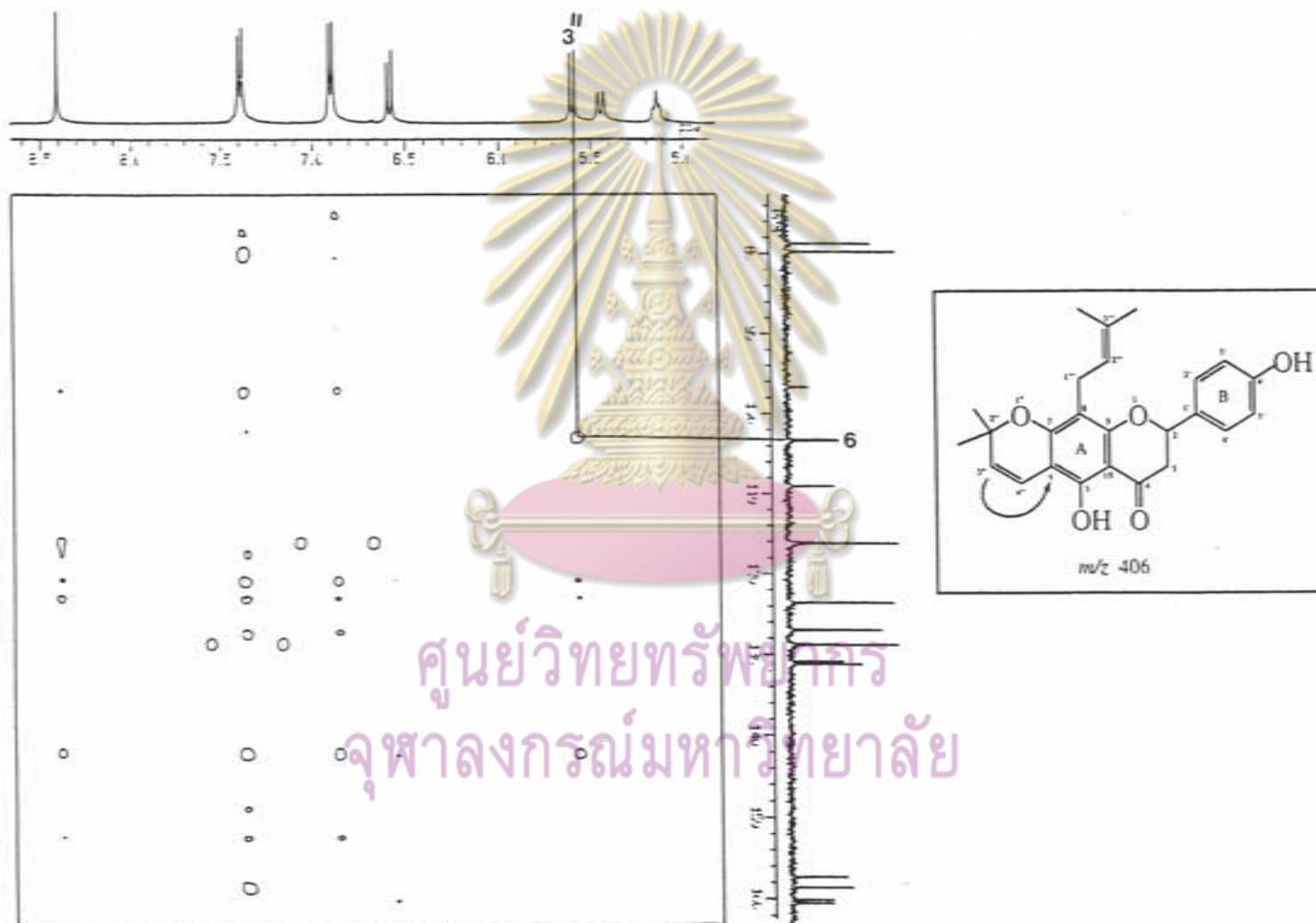
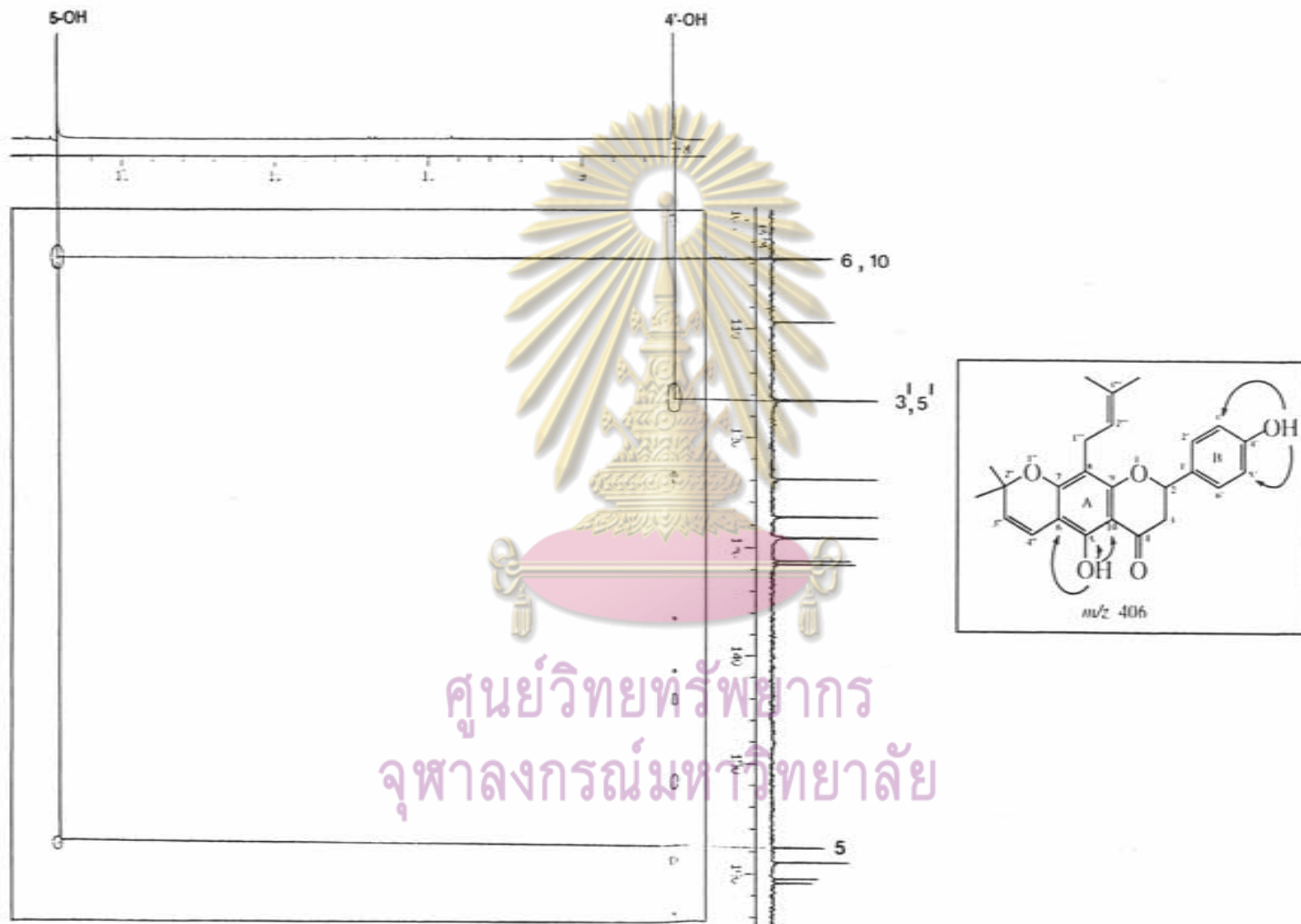


Figure 34 HMBC spectrum of DR-1 in acetone- d_6



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Figure 34.1 HMBC spectrum of DR-1 in acetone -*d*₆

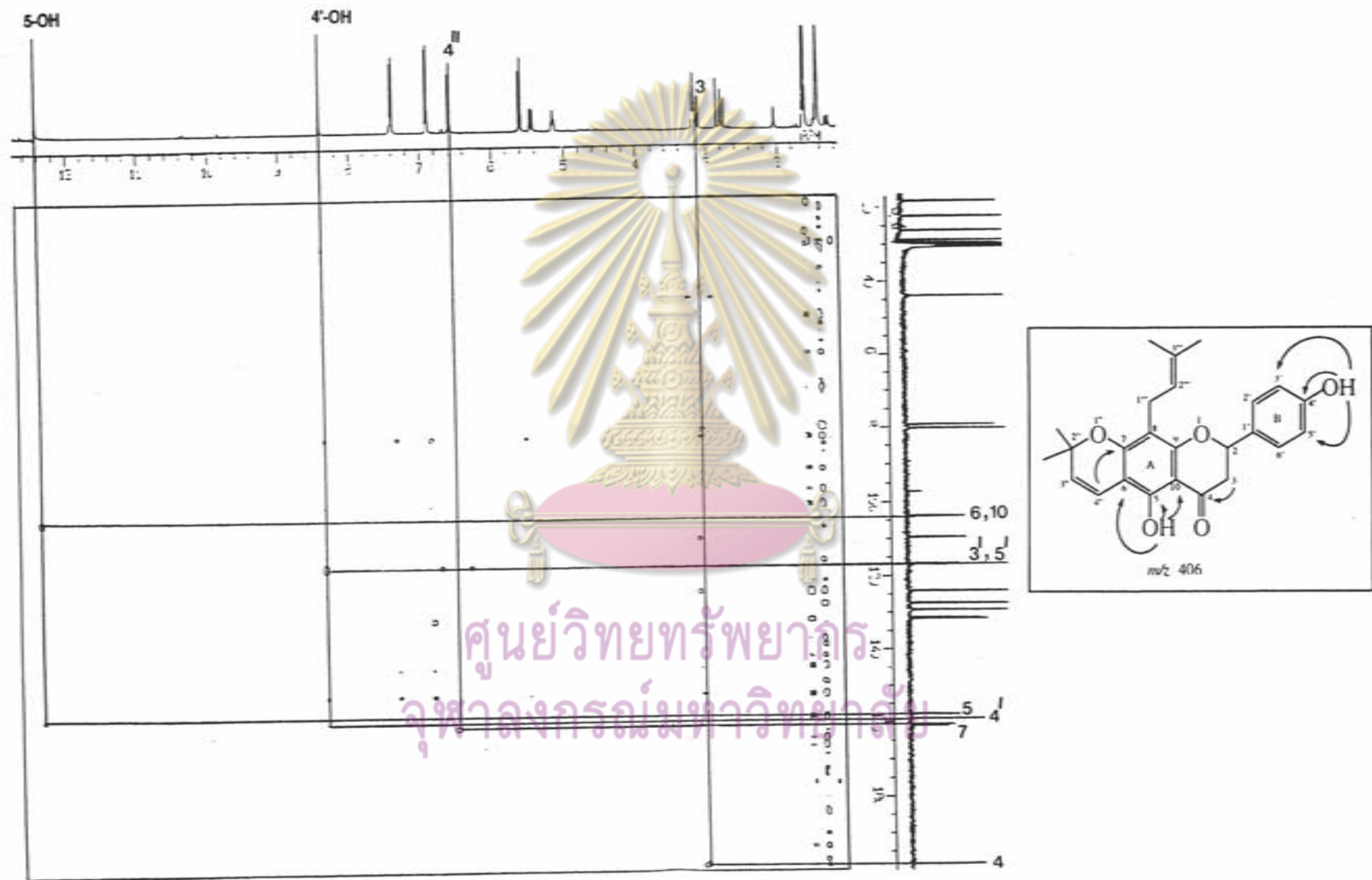


Figure 34.2 HMBC spectrum of DR-1 in acetone- d_6

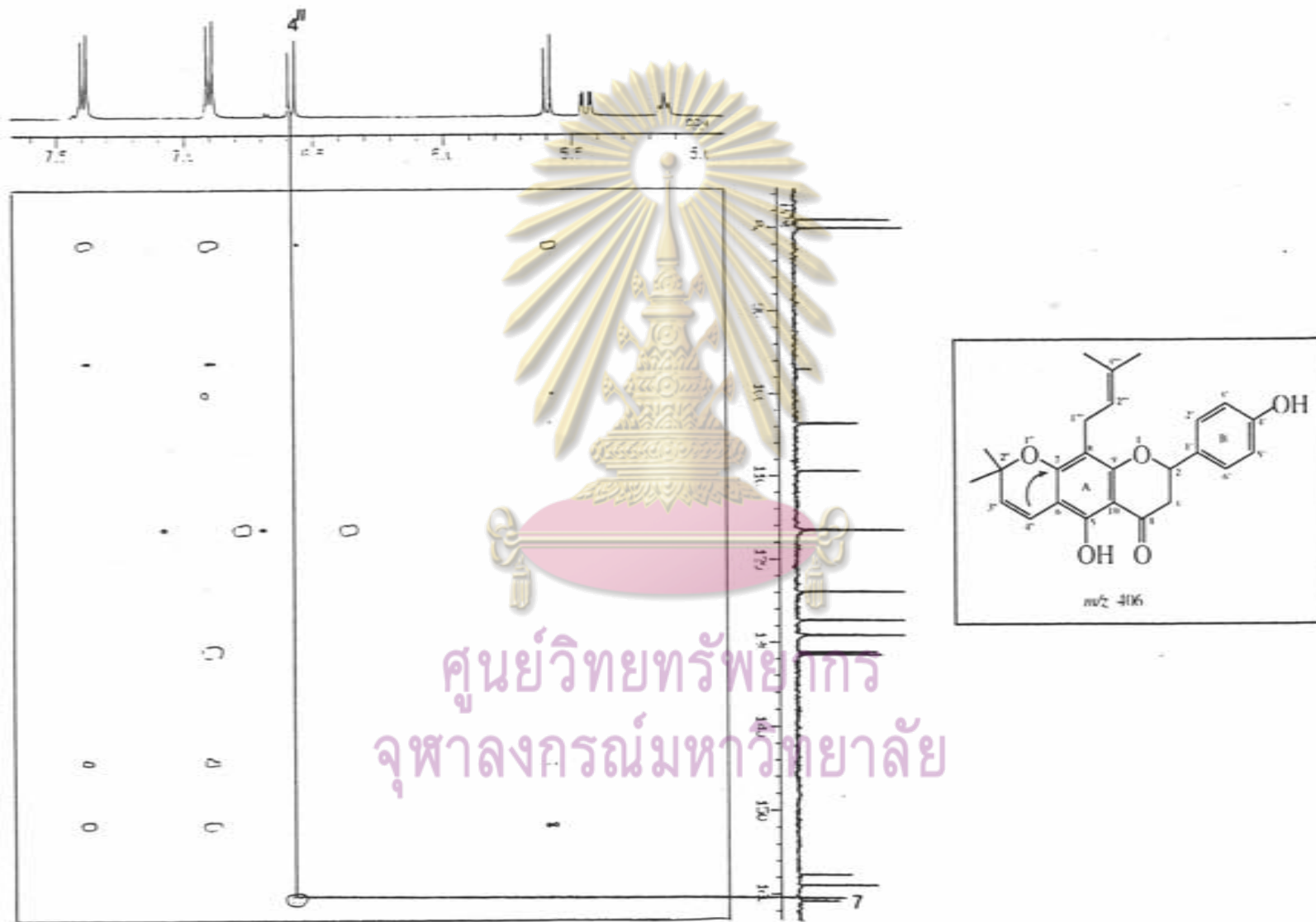


Figure 34.3 HMBC spectrum of DR-1 in acetone- d_6

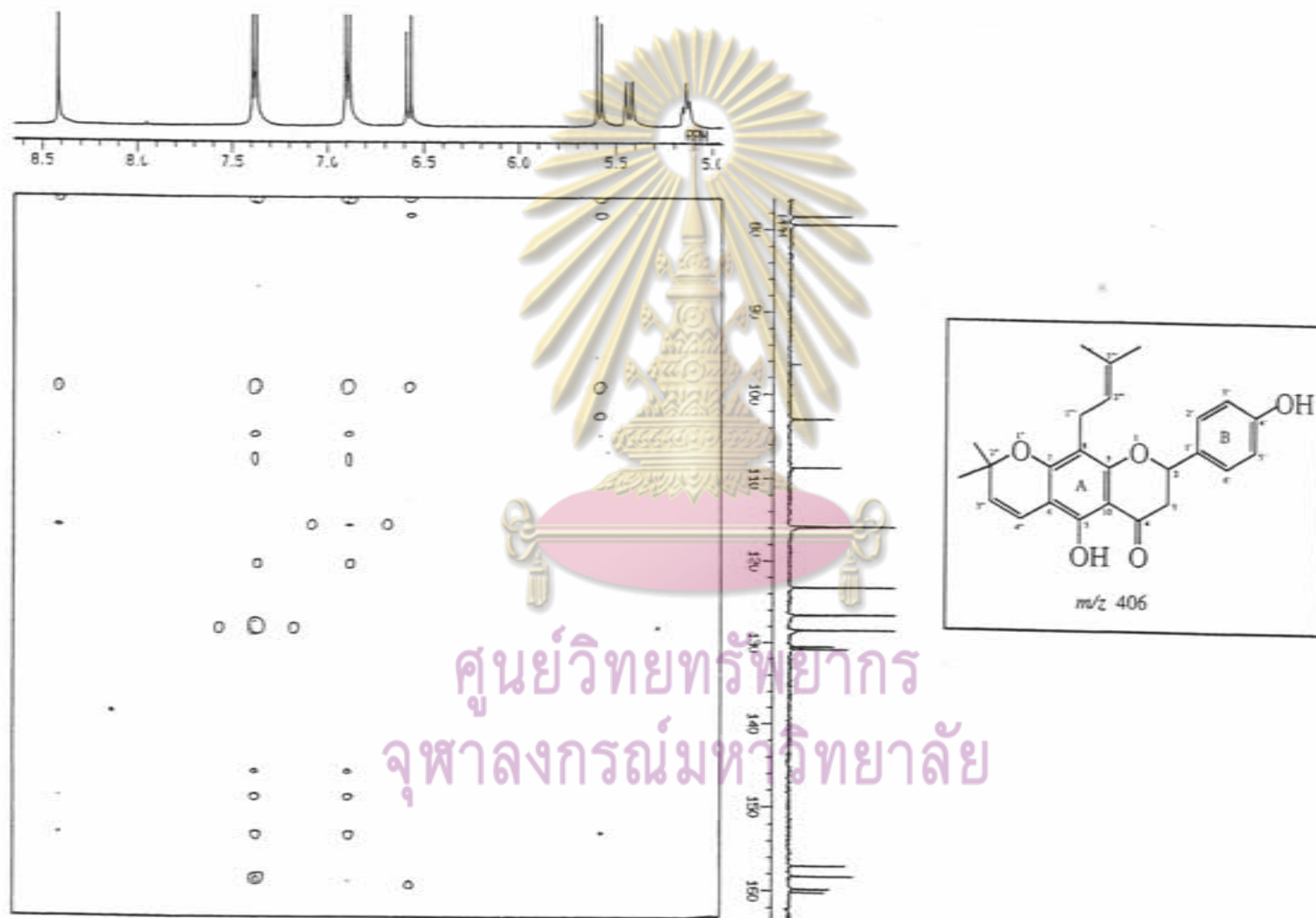


Figure 34.4 HMBC spectrum of DR-1 in acetone- d_6

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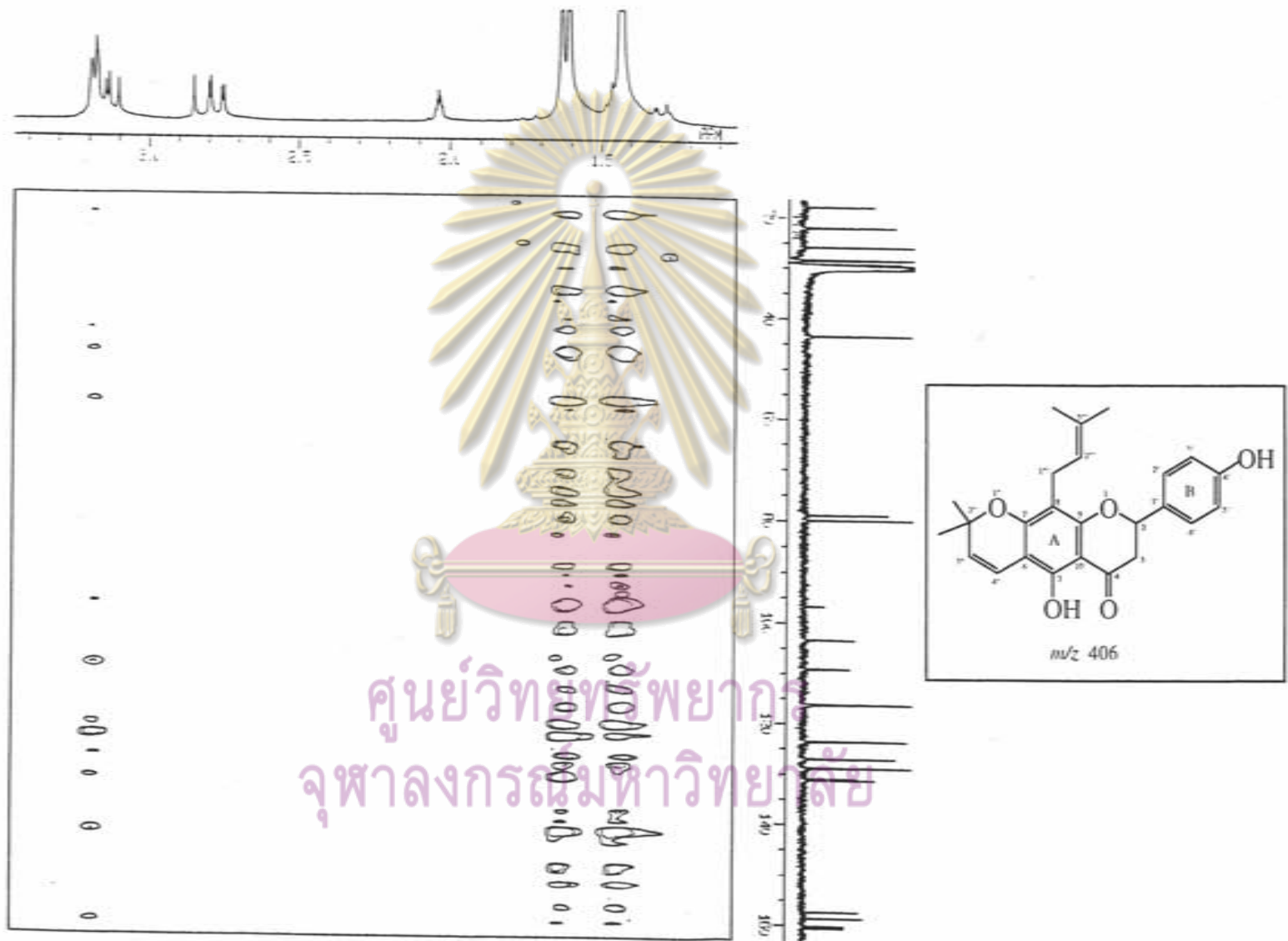


Figure 34.5 HMBC spectrum of DR-1 in acetone- d_6

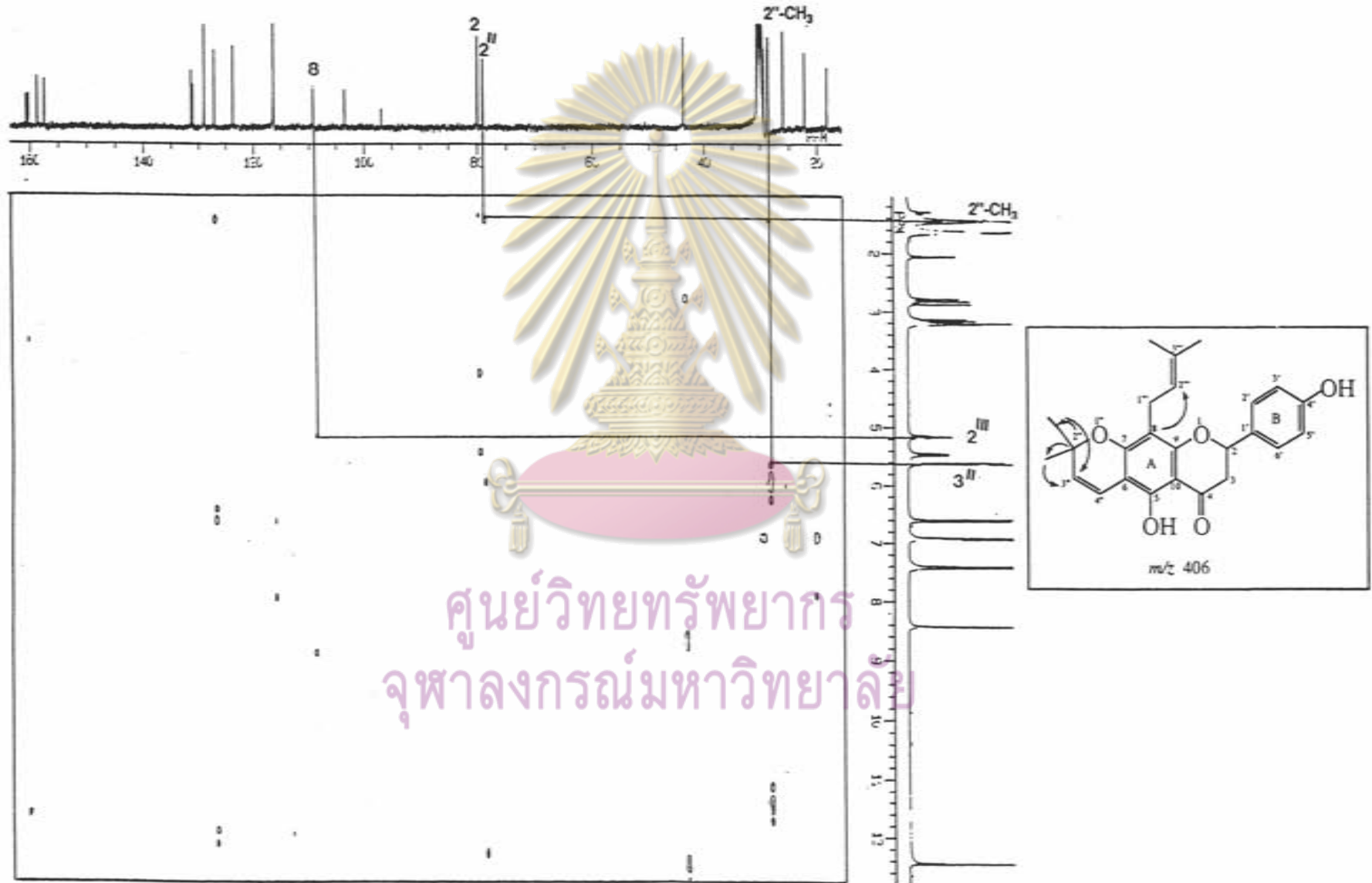


Figure 34.6 COLOC spectrum of DR-1 in acetone- d_6

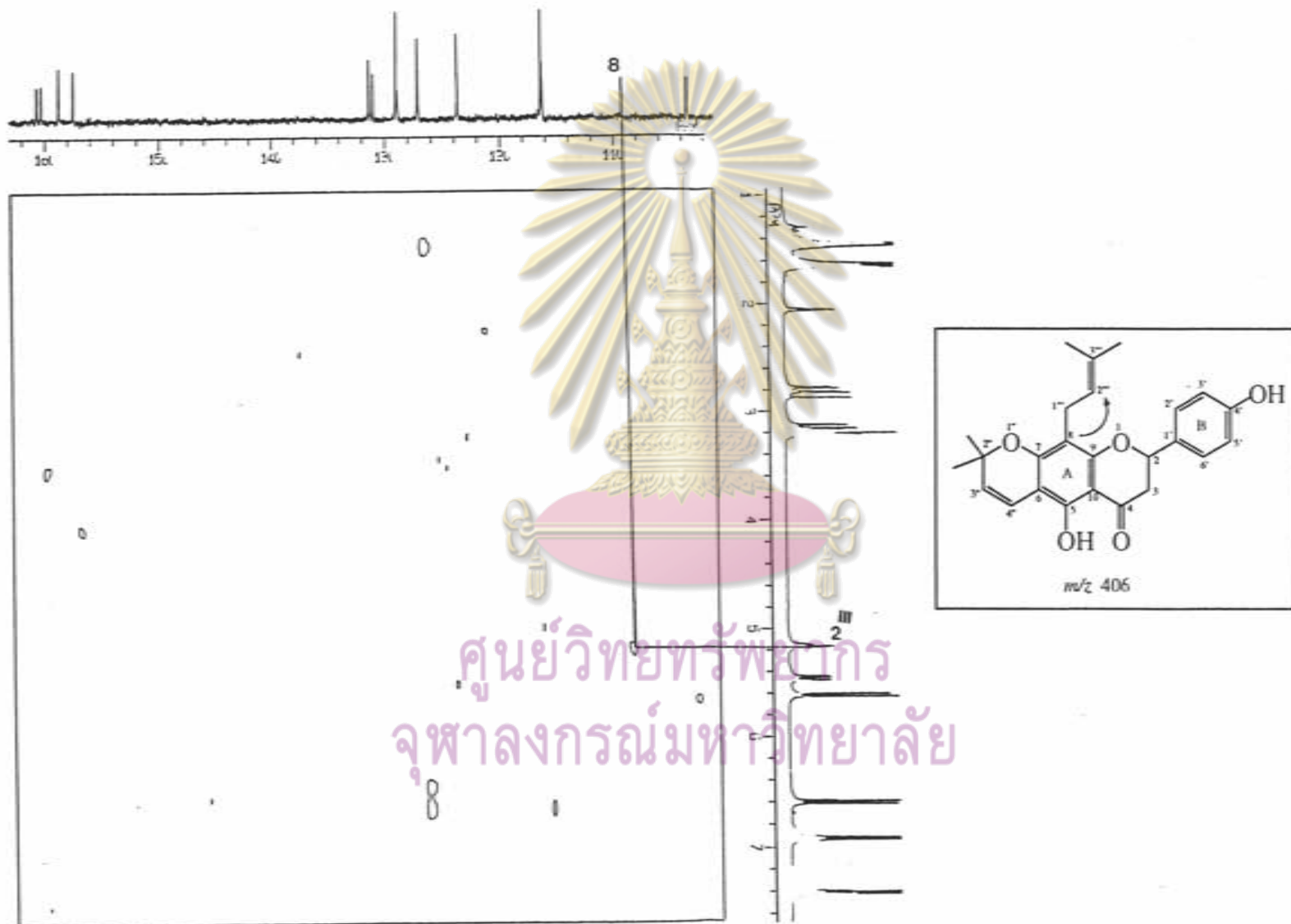


Figure 34.7 COLOC spectrum of DR-1 in acetone- d_6

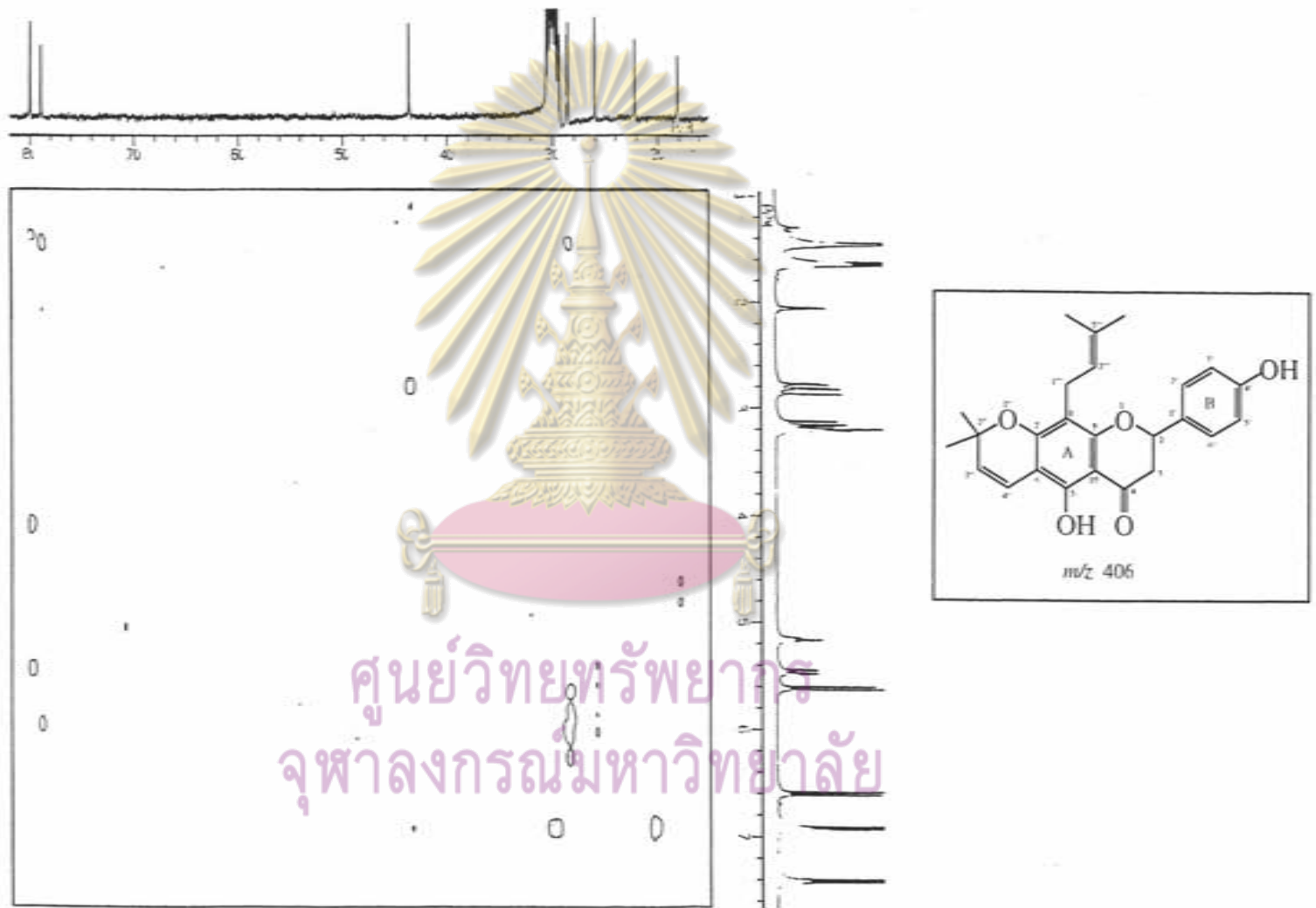


Figure 34.8 COLOC spectrum of DR-1 in acetone- d_6

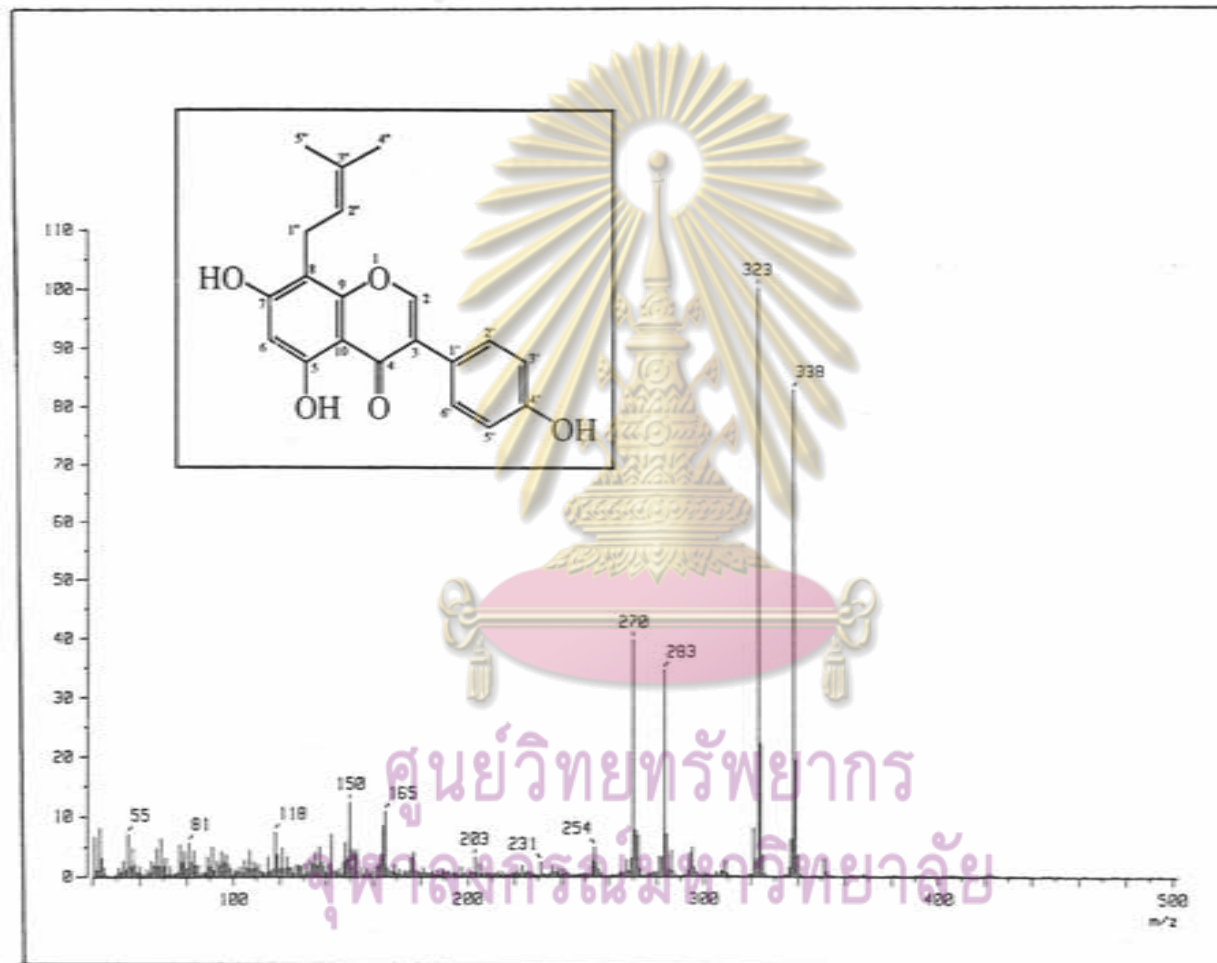


Figure 35 EI mass spectrum of DR-4

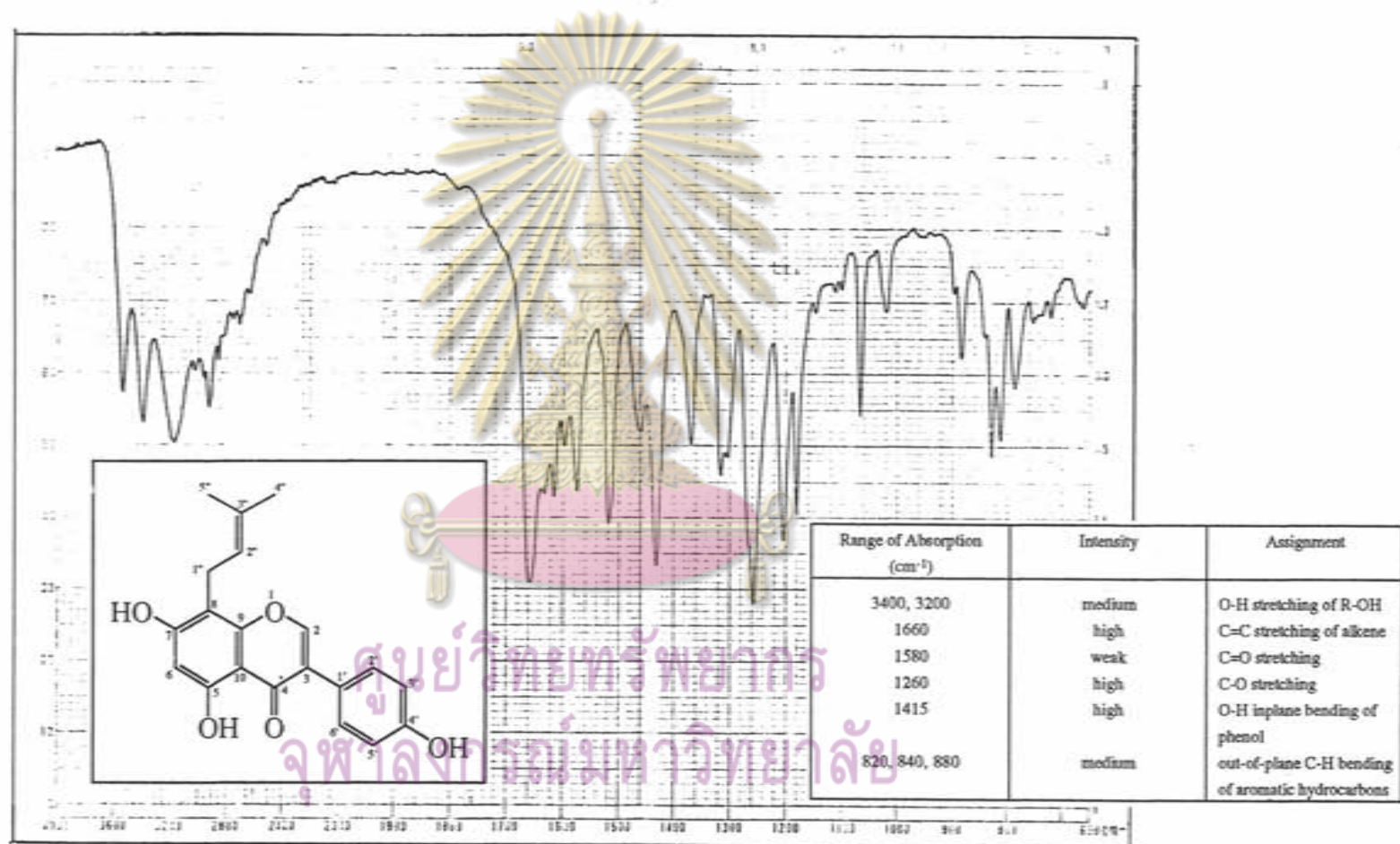


Figure 36 Infrared absorption spectrum of DR-4

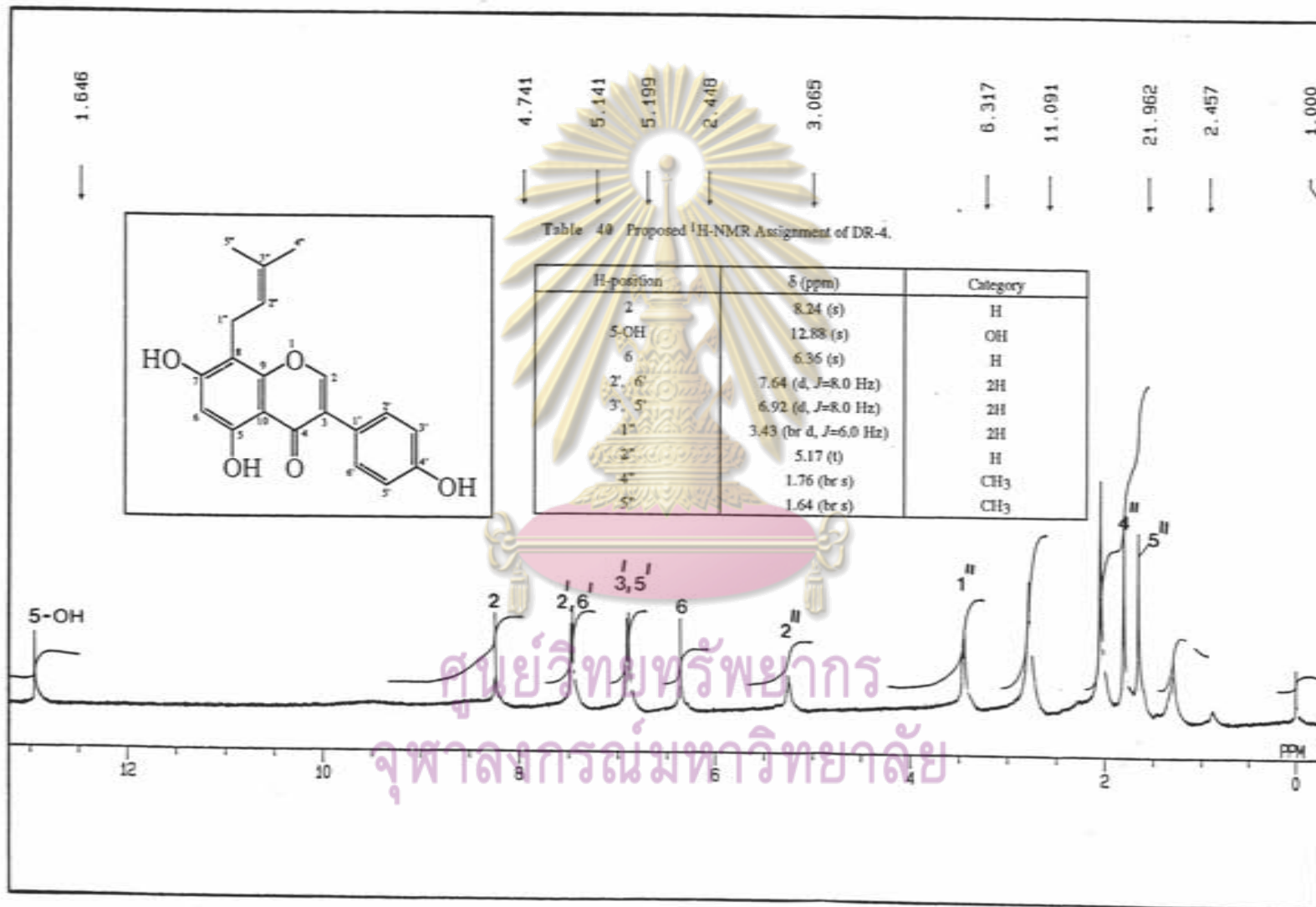


Figure 37 $^1\text{H-NMR}$ spectrum of DR-4 in acetone- d_6

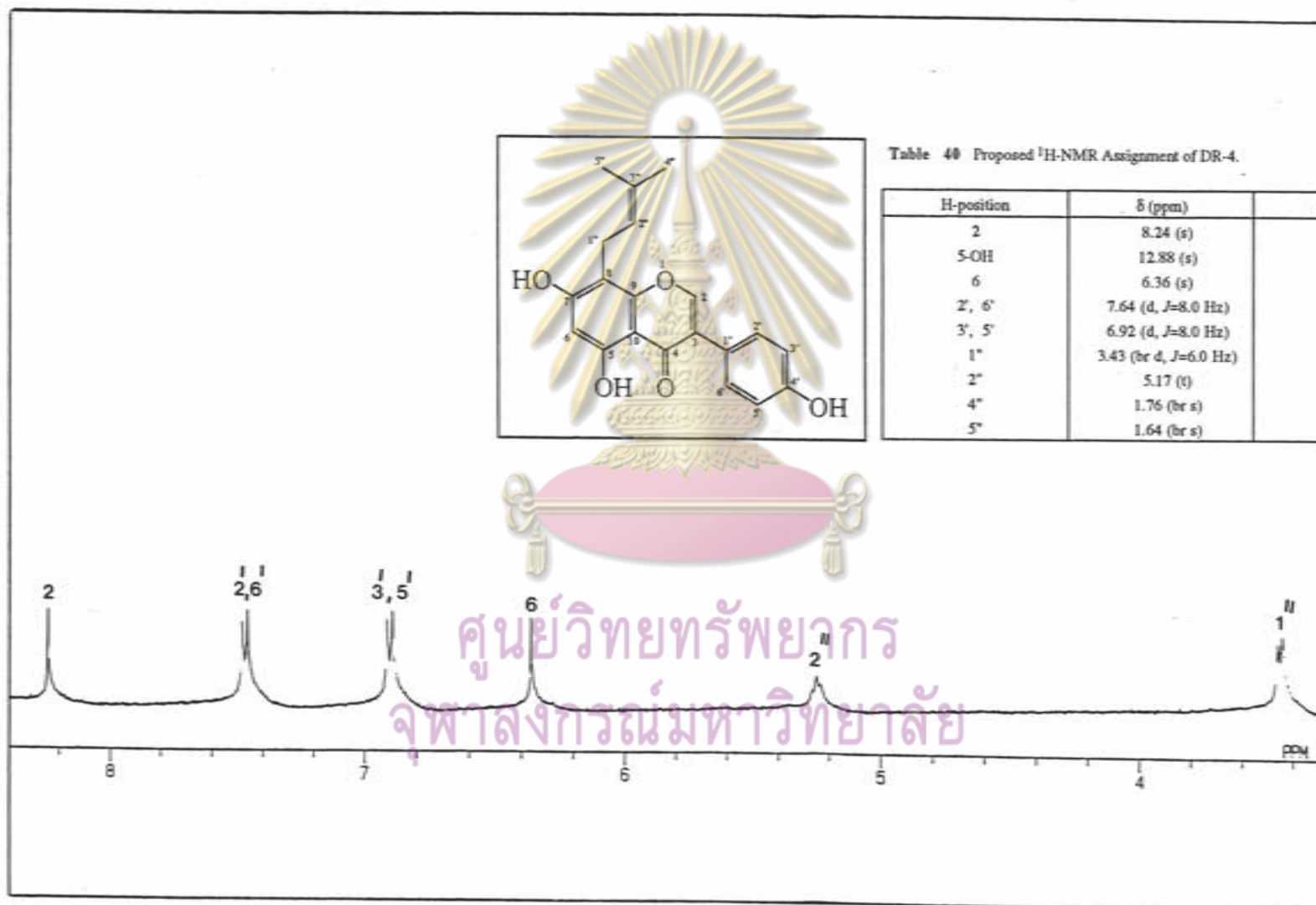


Figure 37.1 $^1\text{H-NMR}$ spectrum of DR-4 in acetone $-d_6$

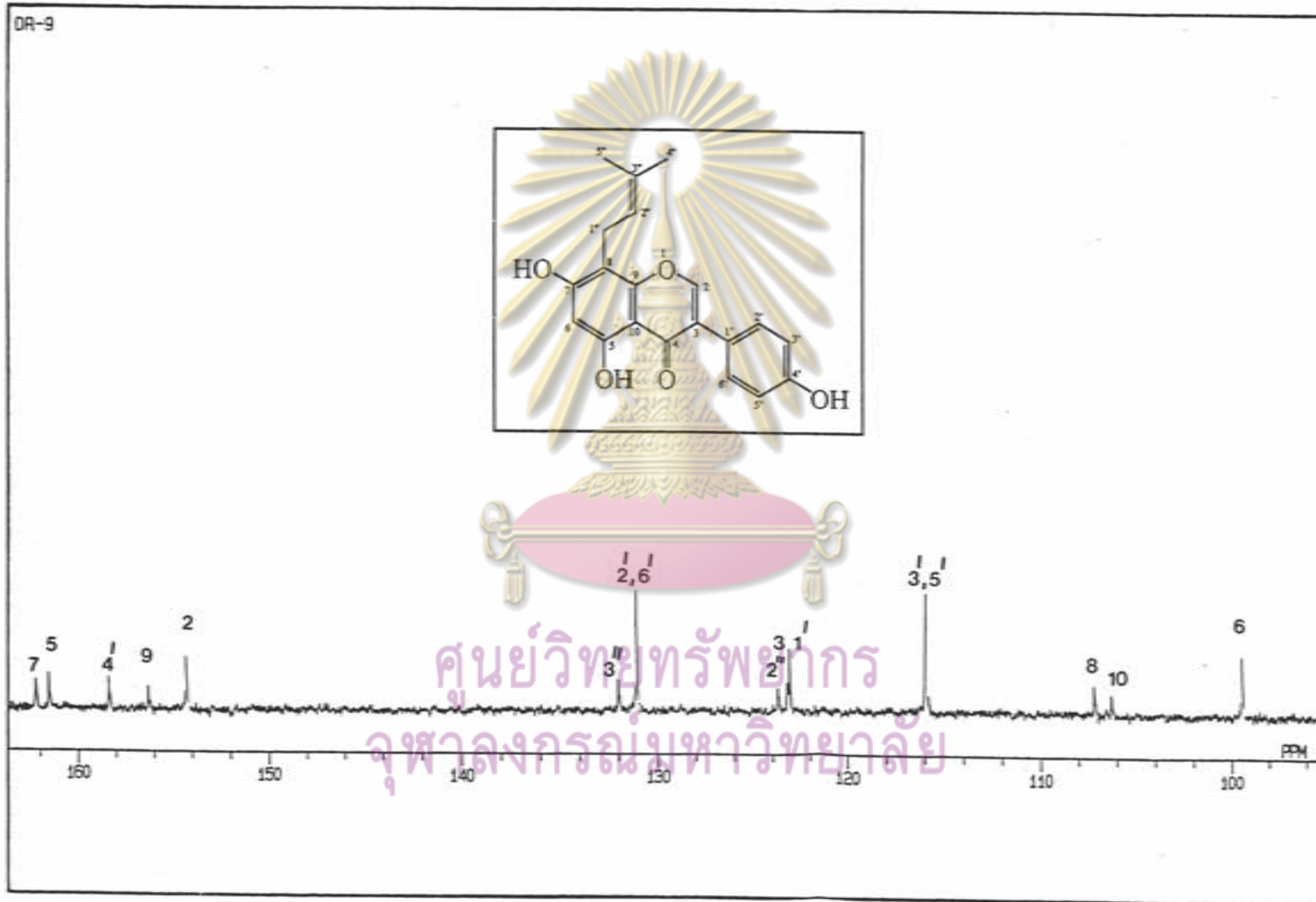


Figure 38 ^{13}C -NMR spectrum of DR-4 in acetone- d_6

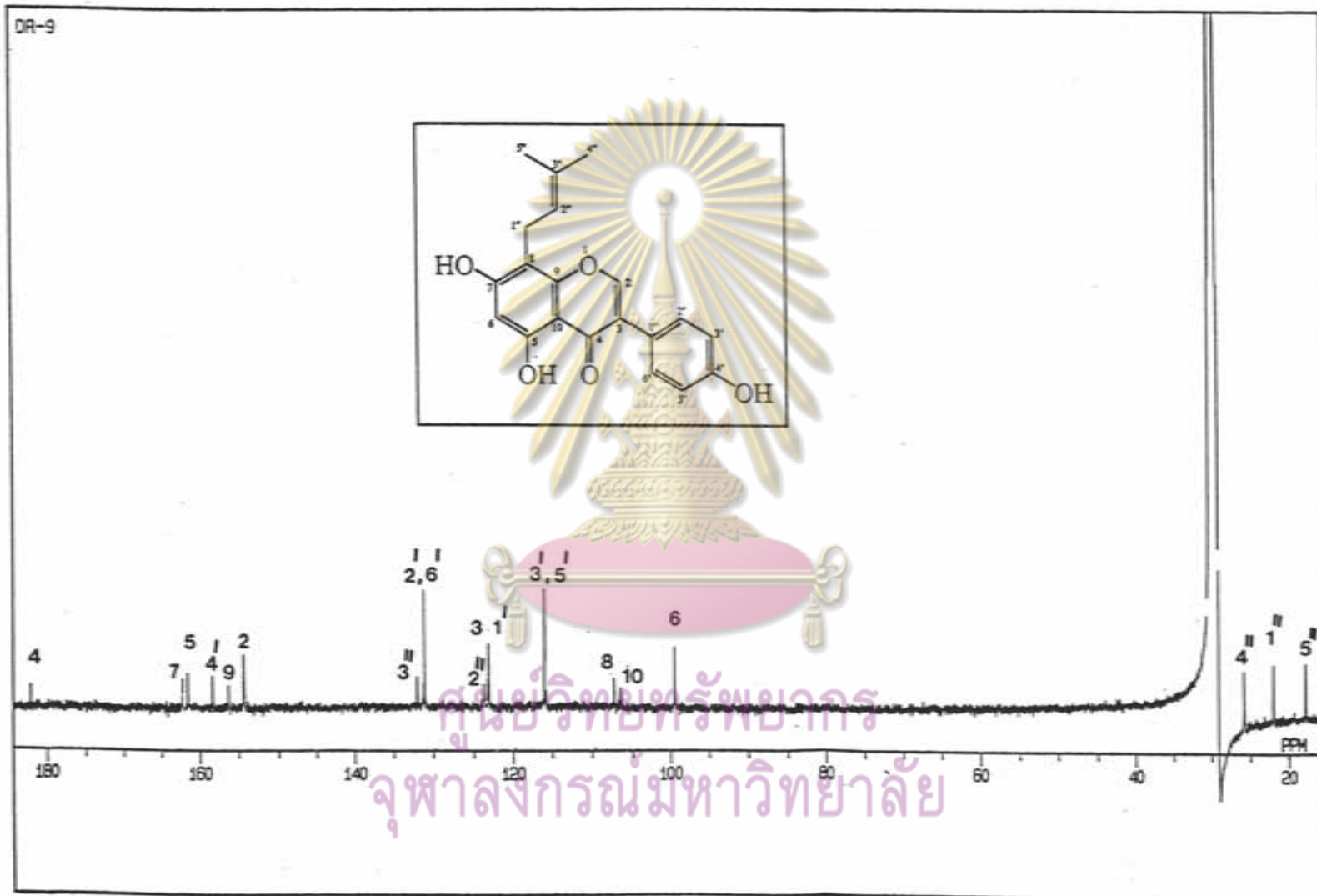


Figure 38.1 ^{13}C -NMR spectrum of DR-4 in acetone- d_6



VITA

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