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APPENDIX

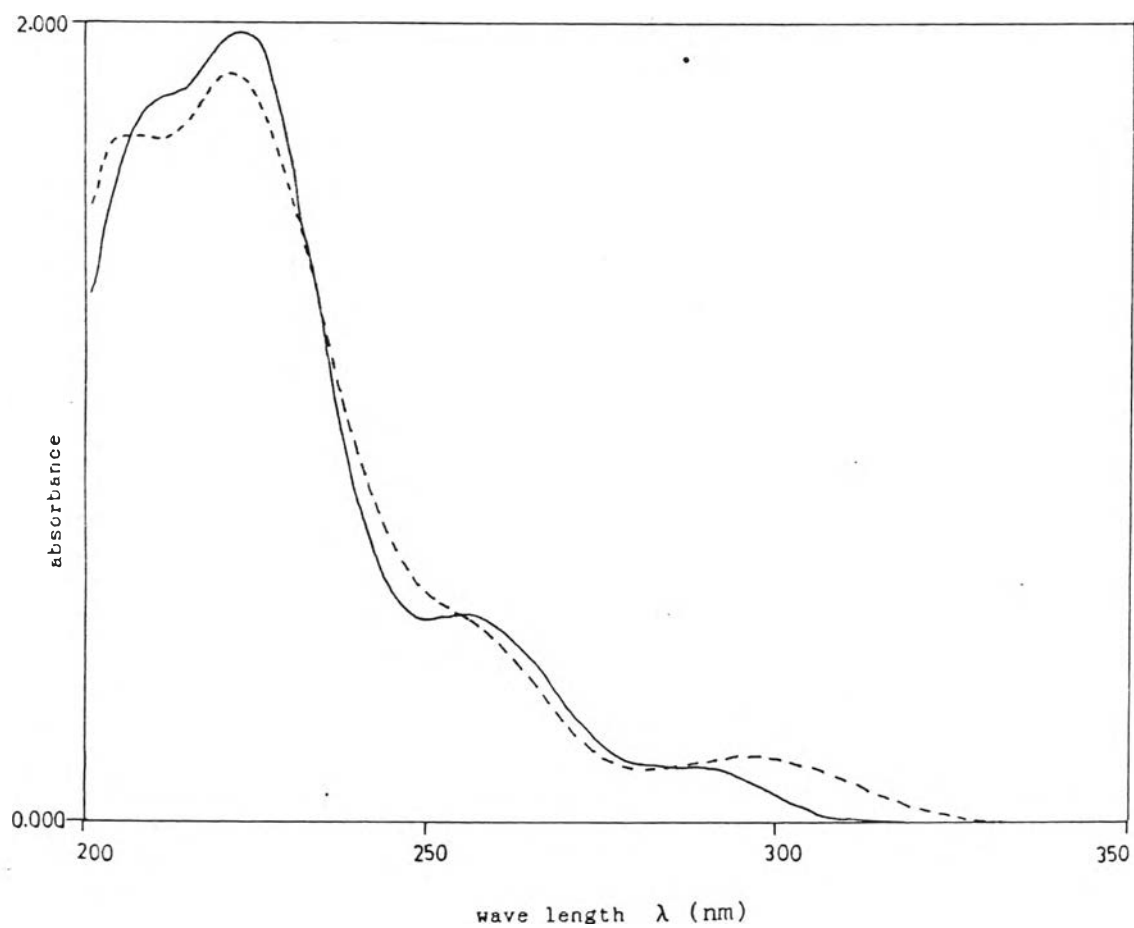


Figure 16 : Ultra-violet absorption spectrum of A-1

———— = in MeOH

----- = in MeOH+NaOH

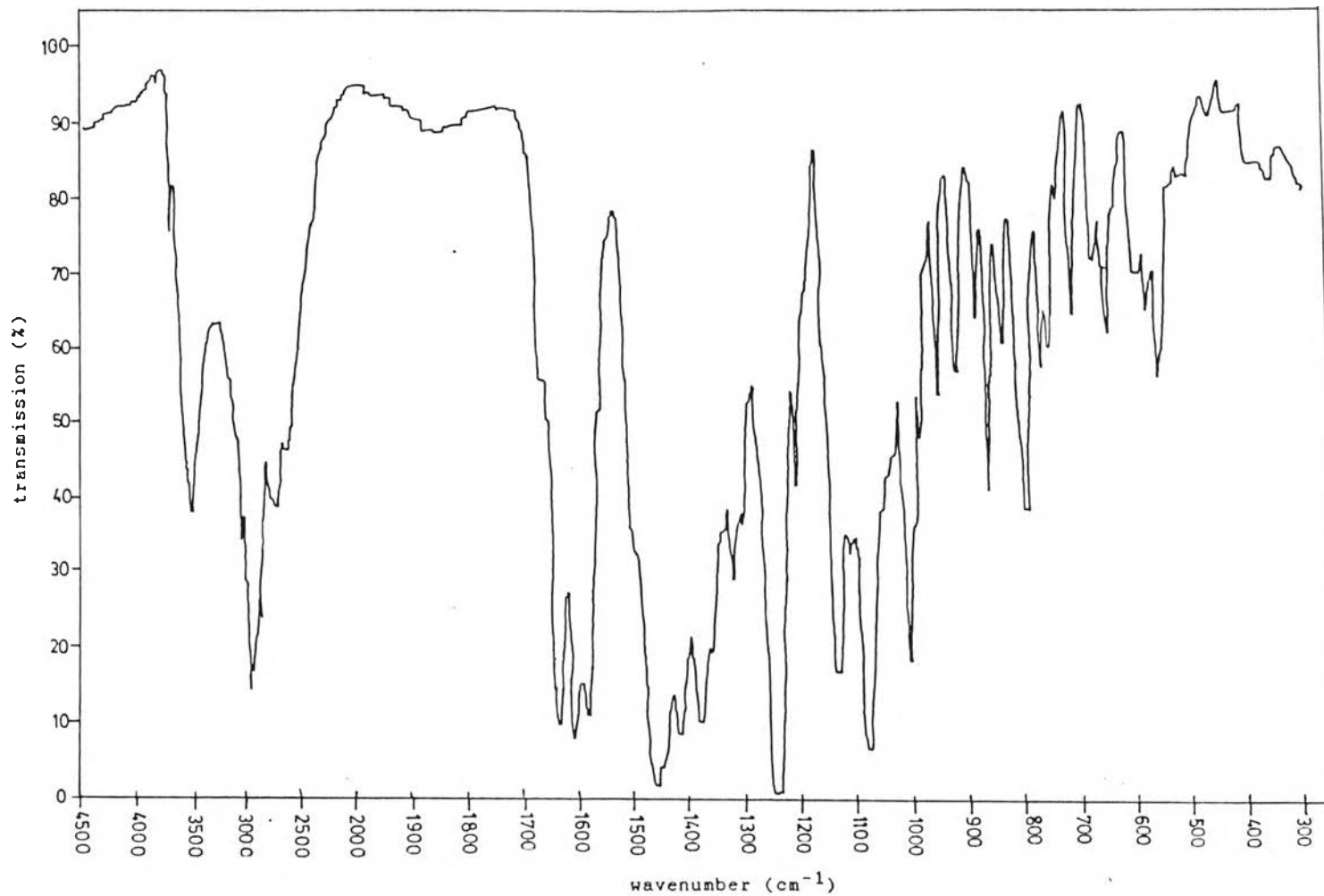


Figure 17 : Infrared absorption spectrum of A-1 in KBr disc

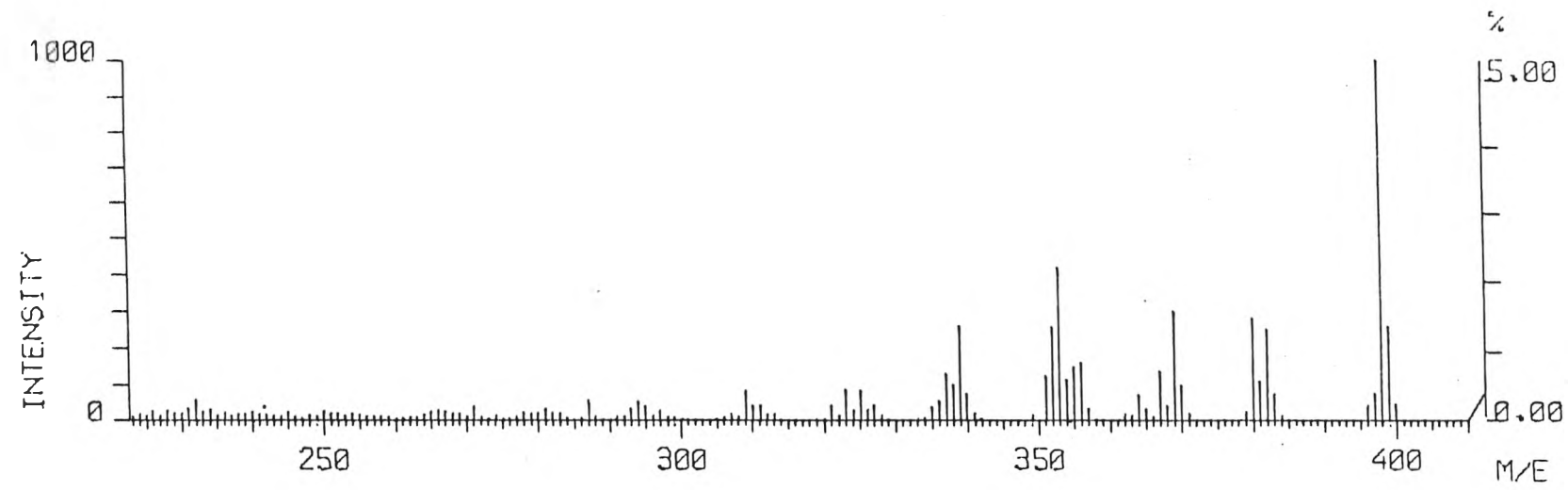
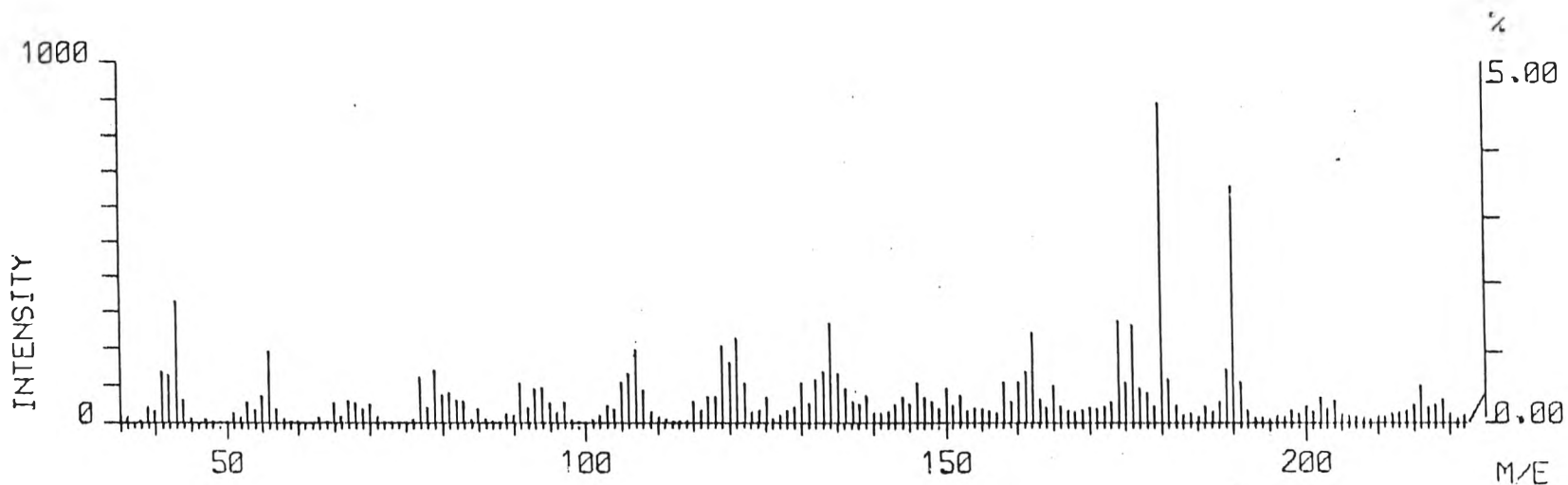


Figure 18 : Mass spectrum of A-1

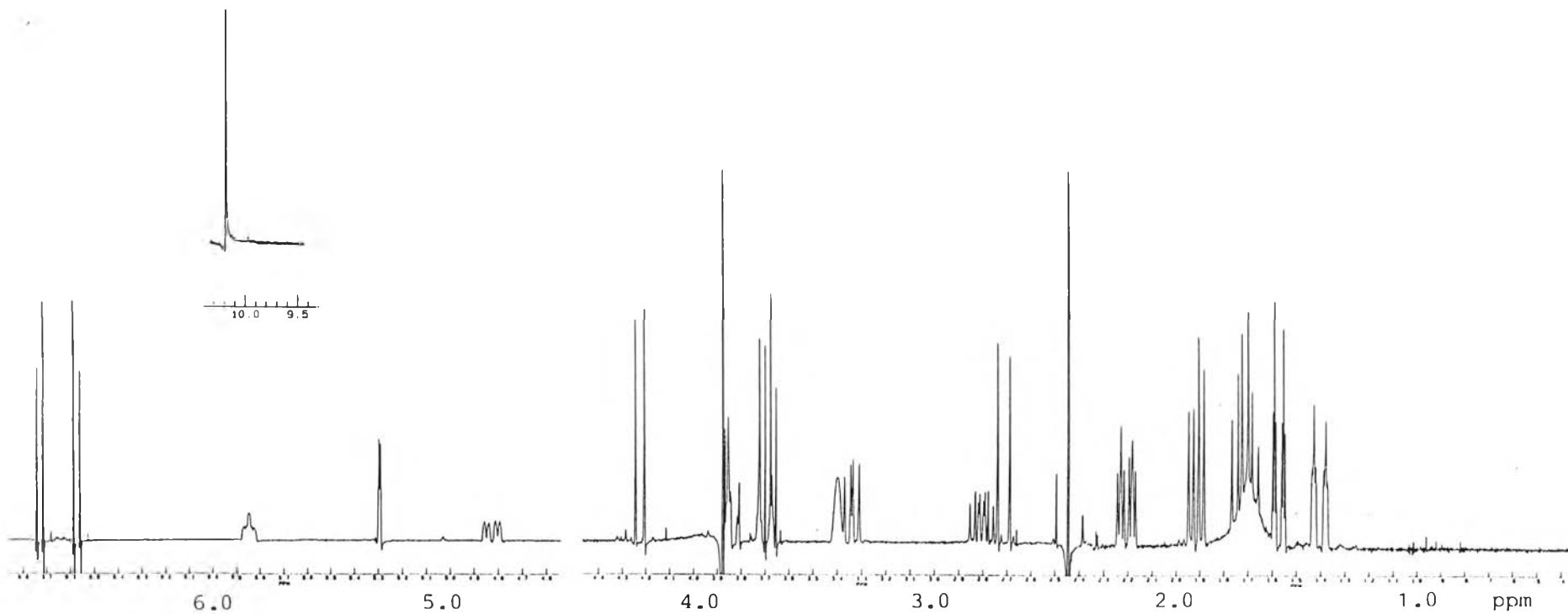


Figure 19 : ^1H Nuclear Magnetic Resonance spectrum
(300 MHz) of A-1 in CDCl_3

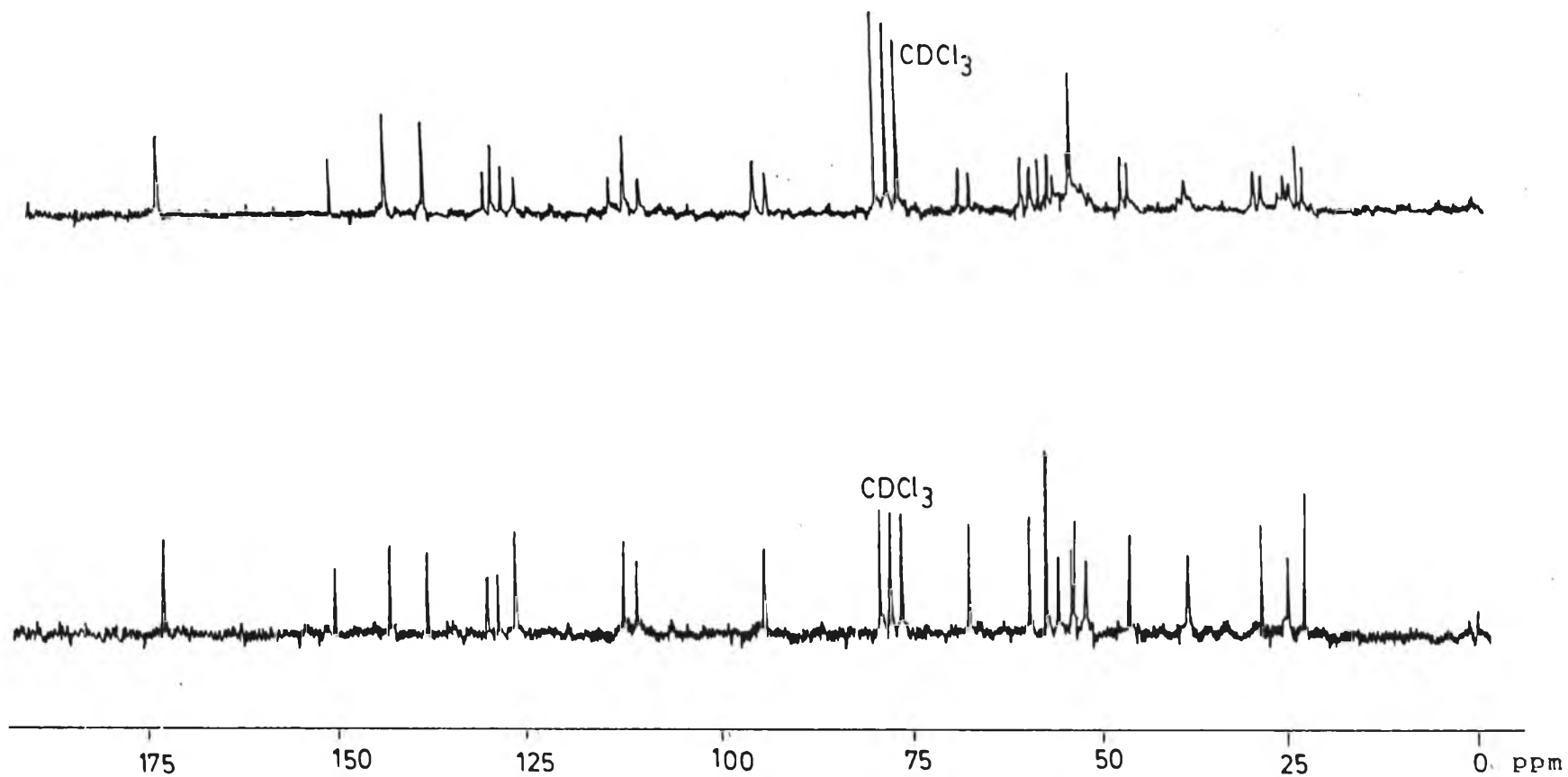


Figure 20 : ^{13}C Nuclear Magnetic Resonance spectrum
(22.5 MHz) of A-1 in CDCl_3

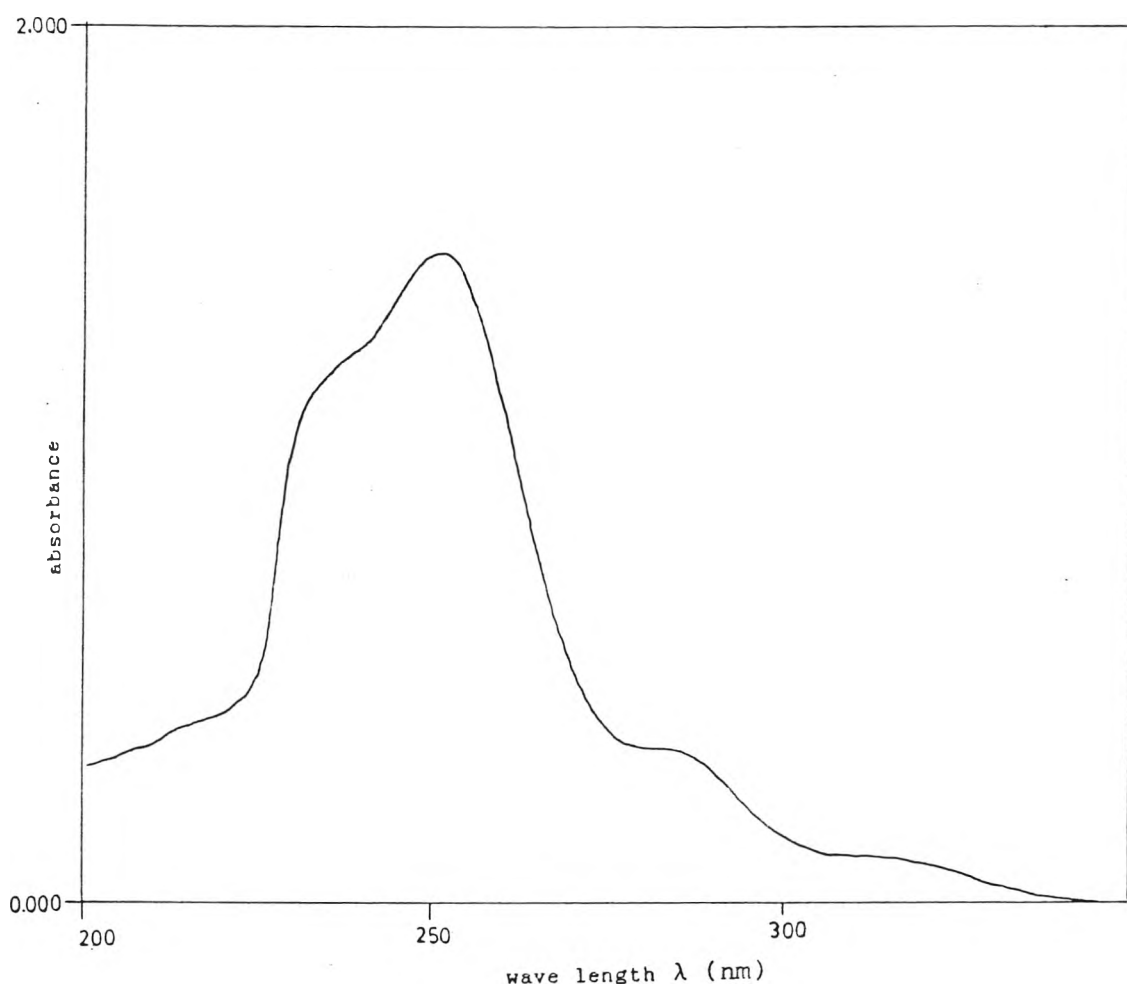


Figure 21 : Ultra-violet absorption spectrum of AA-1
in MeOH

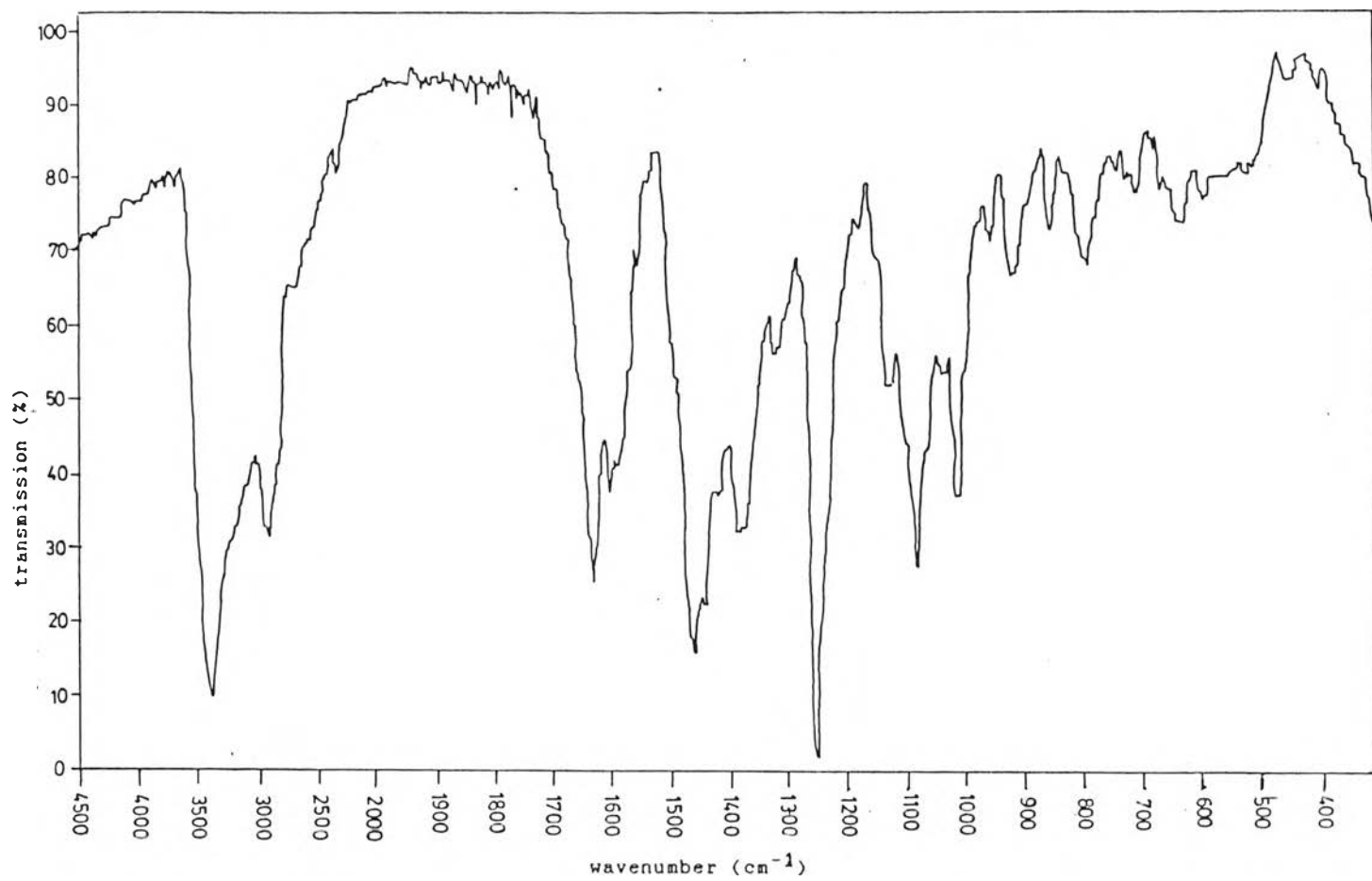


Figure 22 : Infrared absorption spectrum of AA-1 in KBr disc

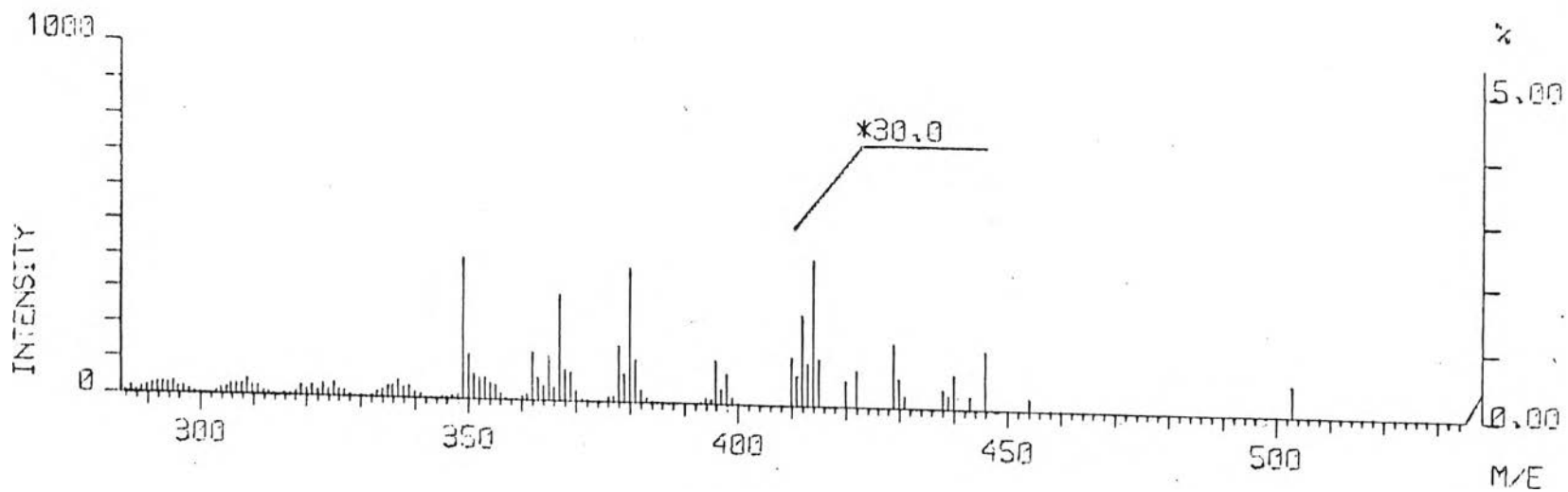
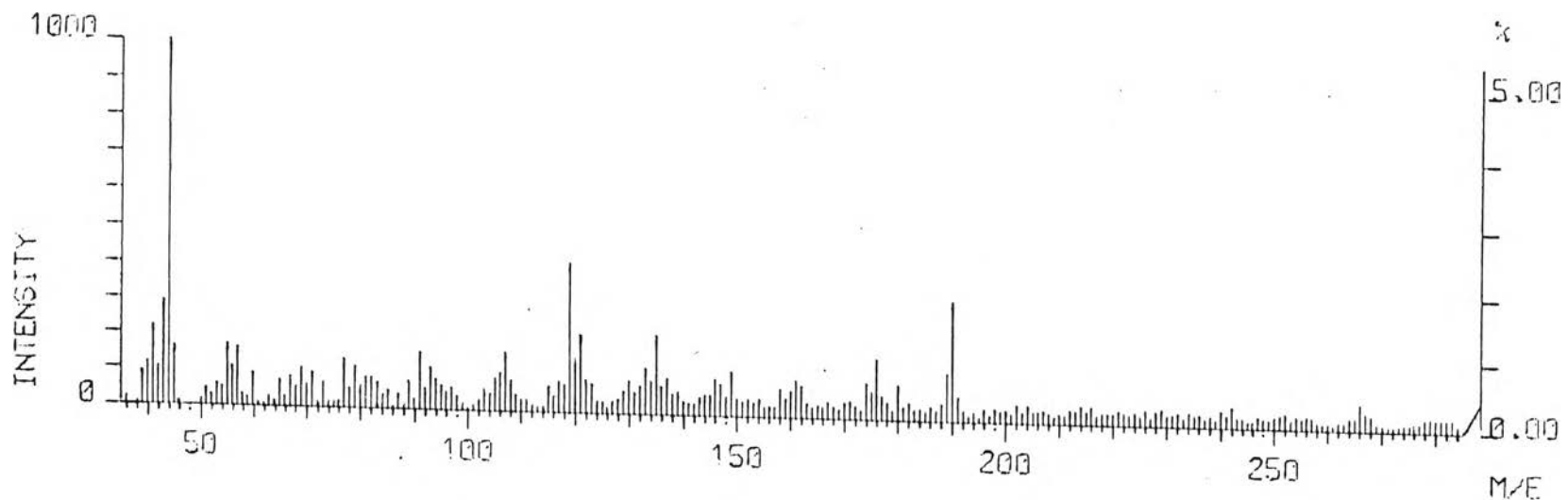


Figure 23 : Mass spectrum of AA-1

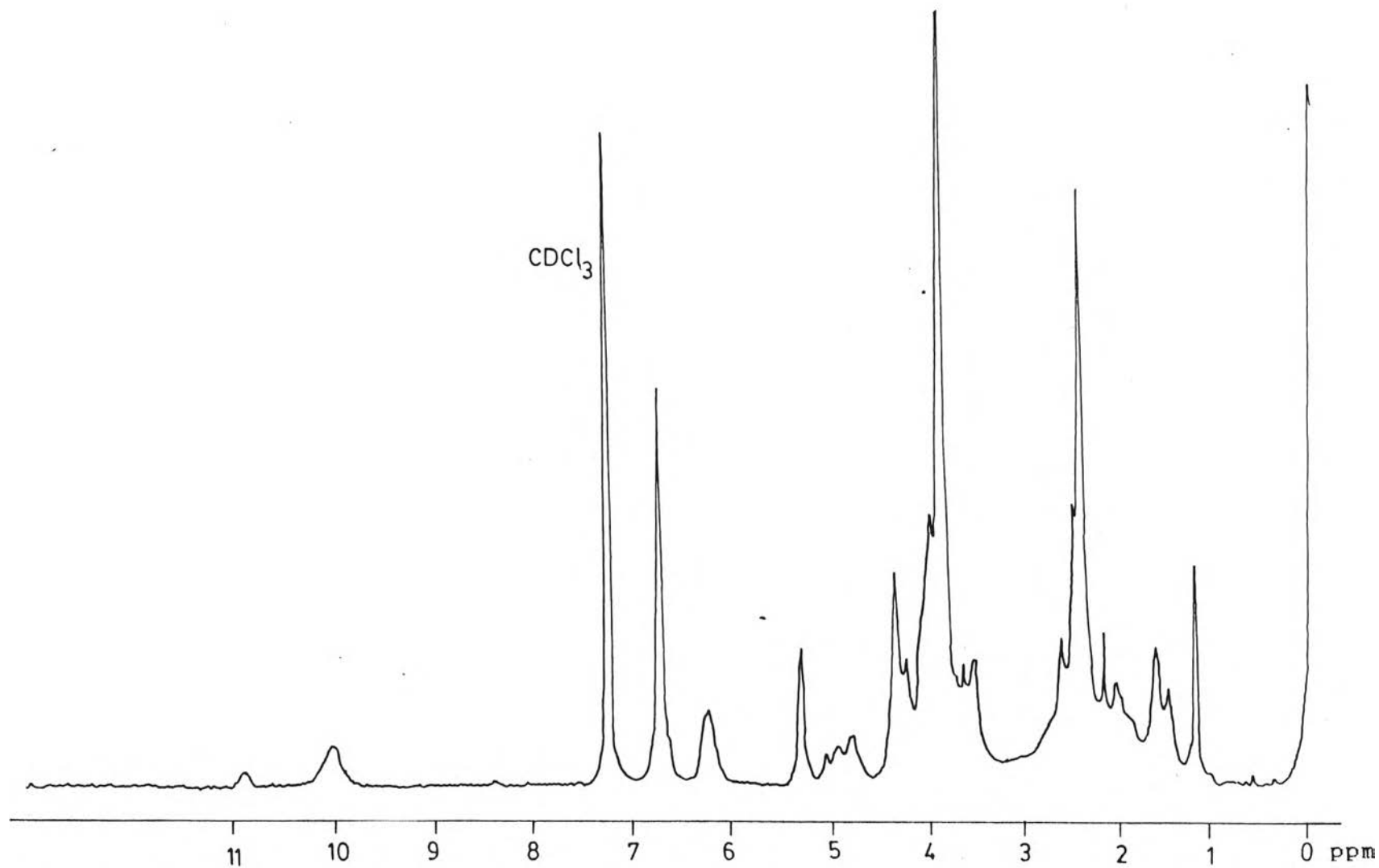


Figure 24 : ^1H Nuclear Magnetic Resonance spectrum
(90 MHz) of AA-1 in CDCl_3

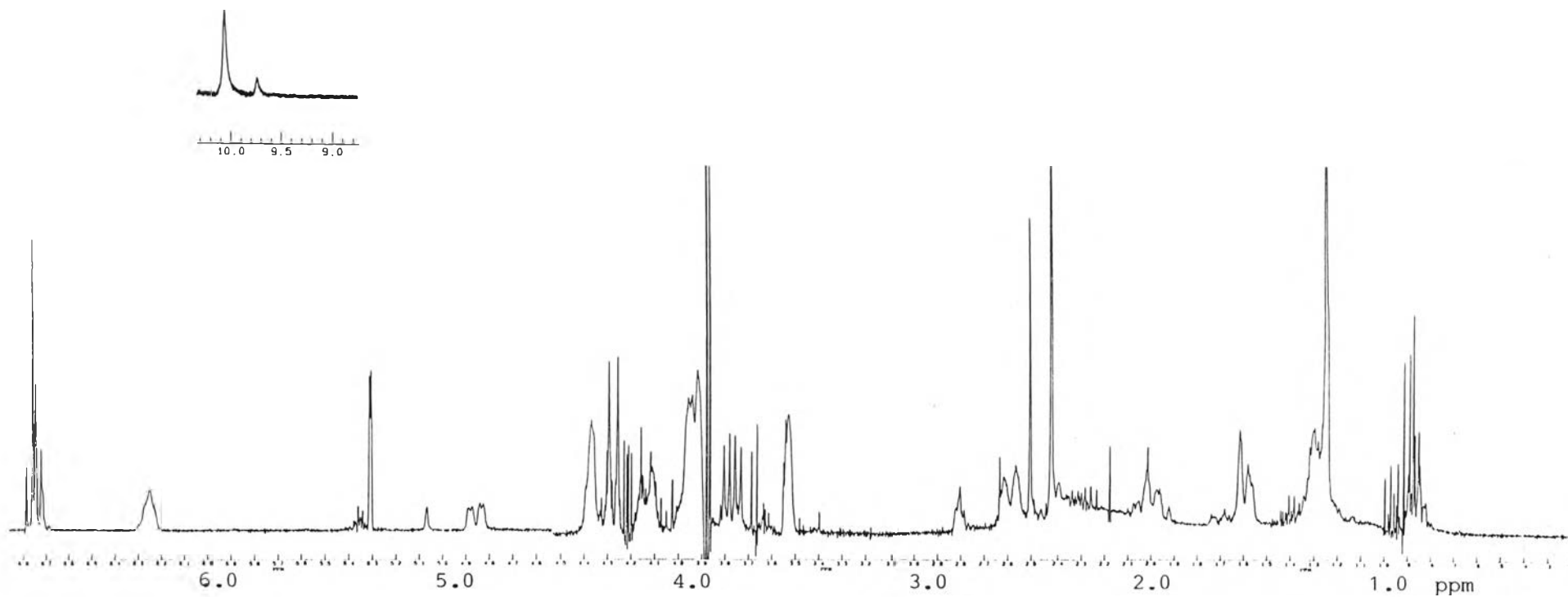


Figure 25 : ^1H Nuclear Magnetic Resonance spectrum.
(300 MHz) of AA-1 in CDCl_3

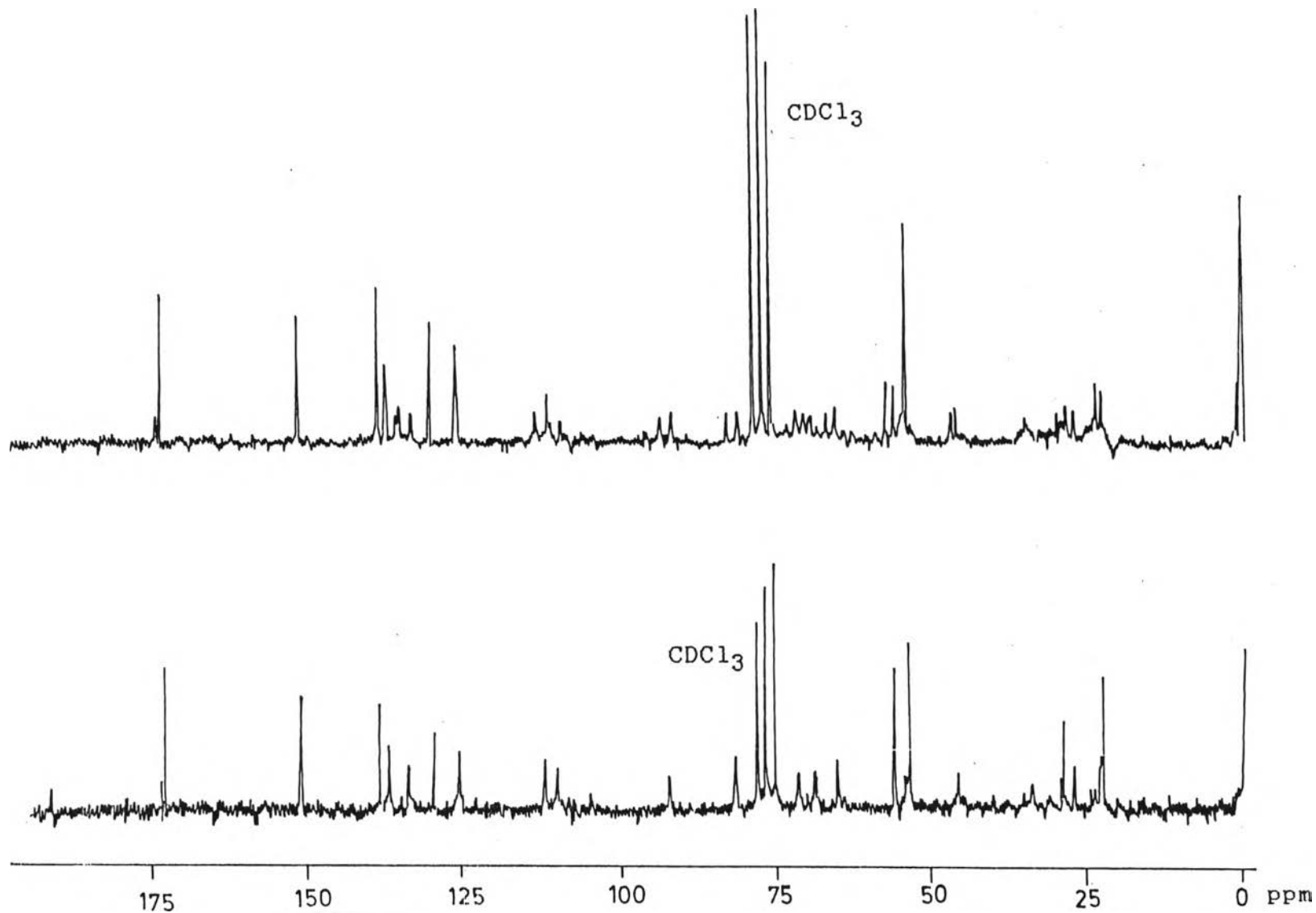


Figure 26 : ^{13}C Nuclear Magnetic Resonance spectrum
(22.5 MHz) of AA-1 in CDCl_3

VITA

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