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APPENDIX

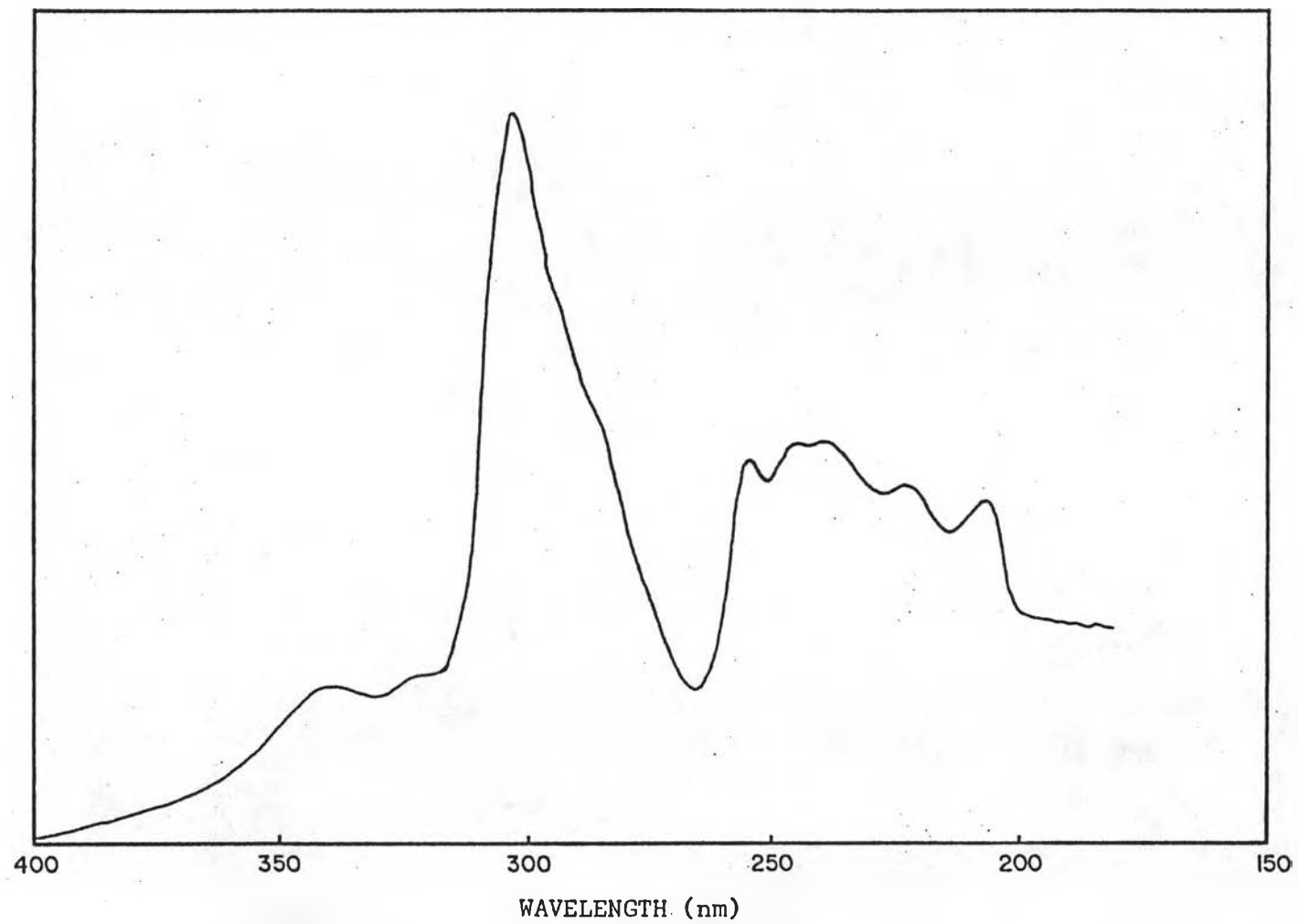


Fig. 11 Ultraviolet Spectrum of Compound 1. (6-Methoxyheptaphylline) in Methanol.

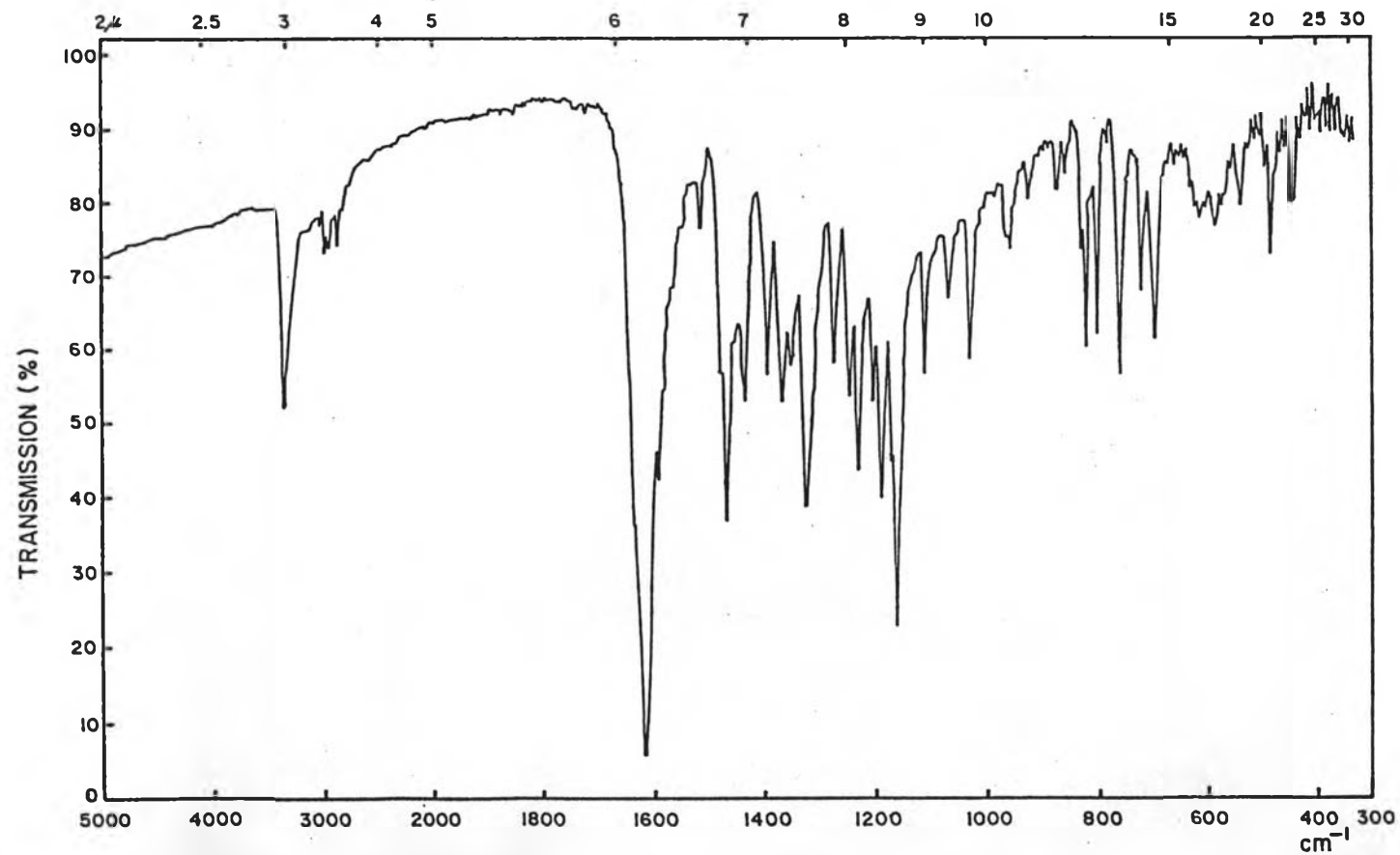


Fig. 12 Infrared Absorption Spectrum (KBr) of Compound 1.
(6-Methoxyheptaphylline).

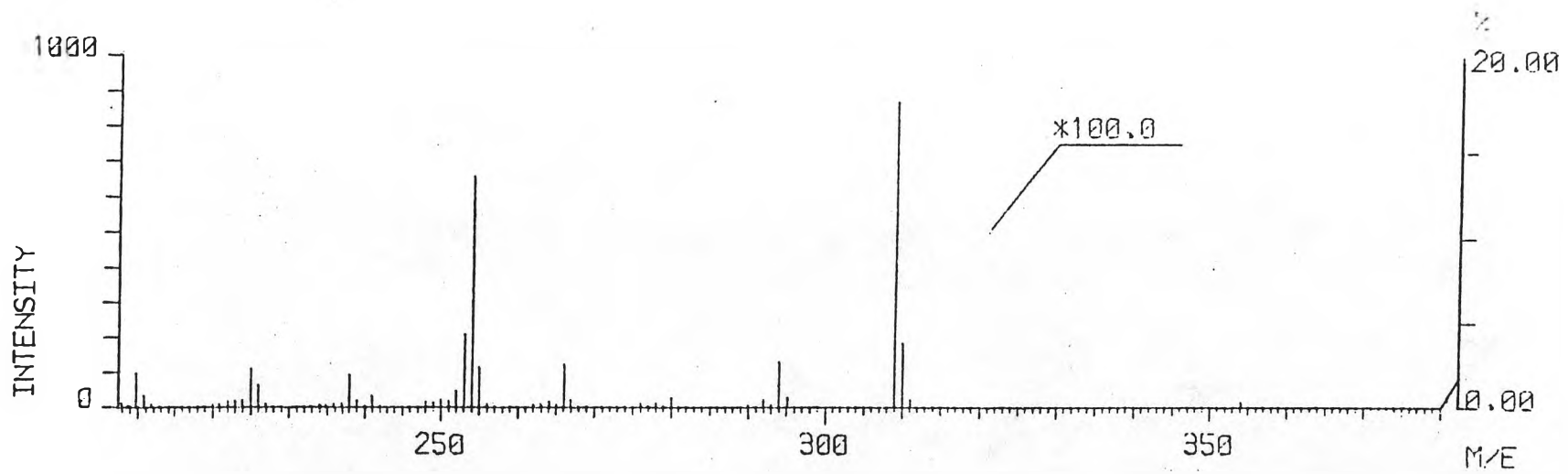
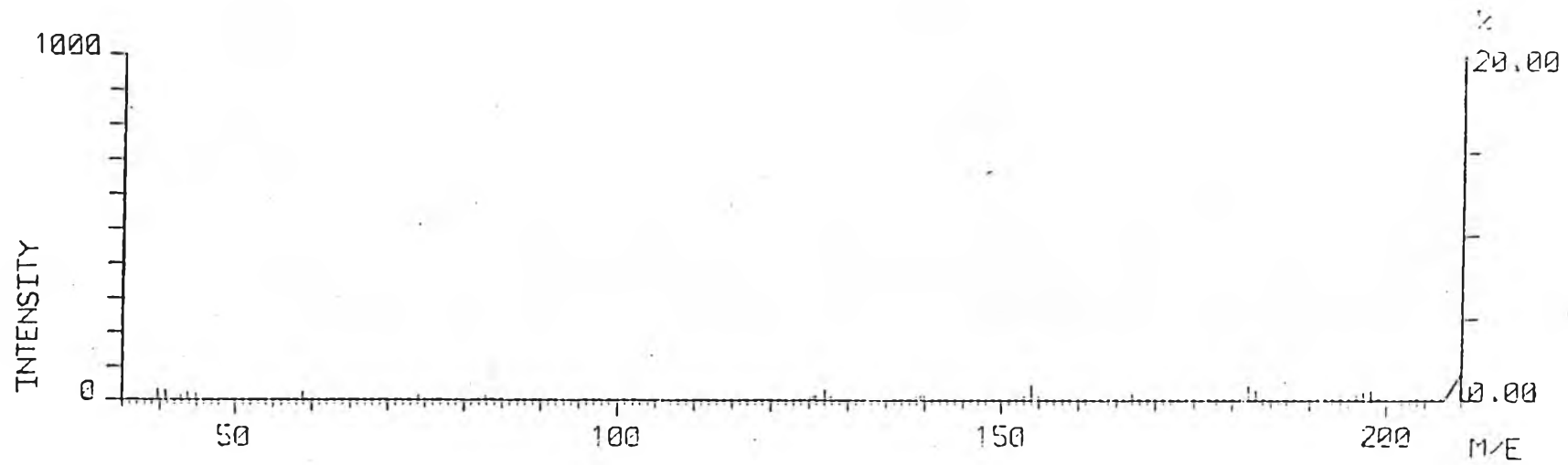


Fig. 13 Mass Spectrum (EIMS) of Compound 1. (6-Methoxyheptaphylline).

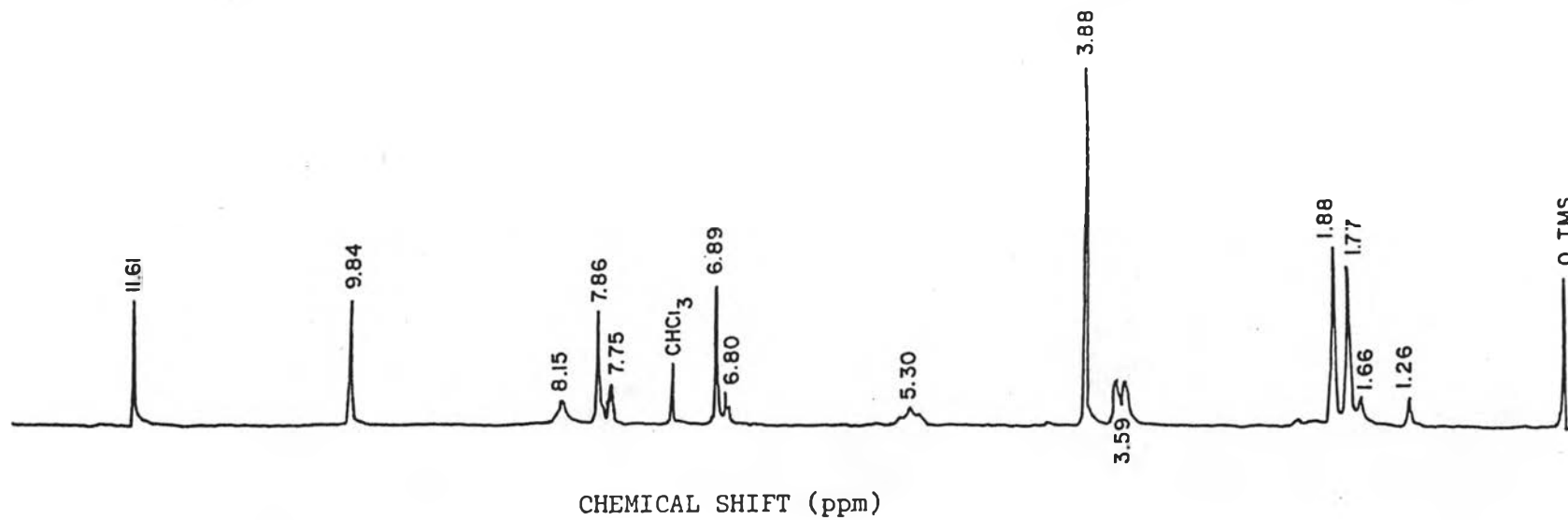


Fig. 14 ¹H-nmr Spectrum (90 MHz) of Compound 1. (6-Methoxyheptaphylline) in CDCl₃.

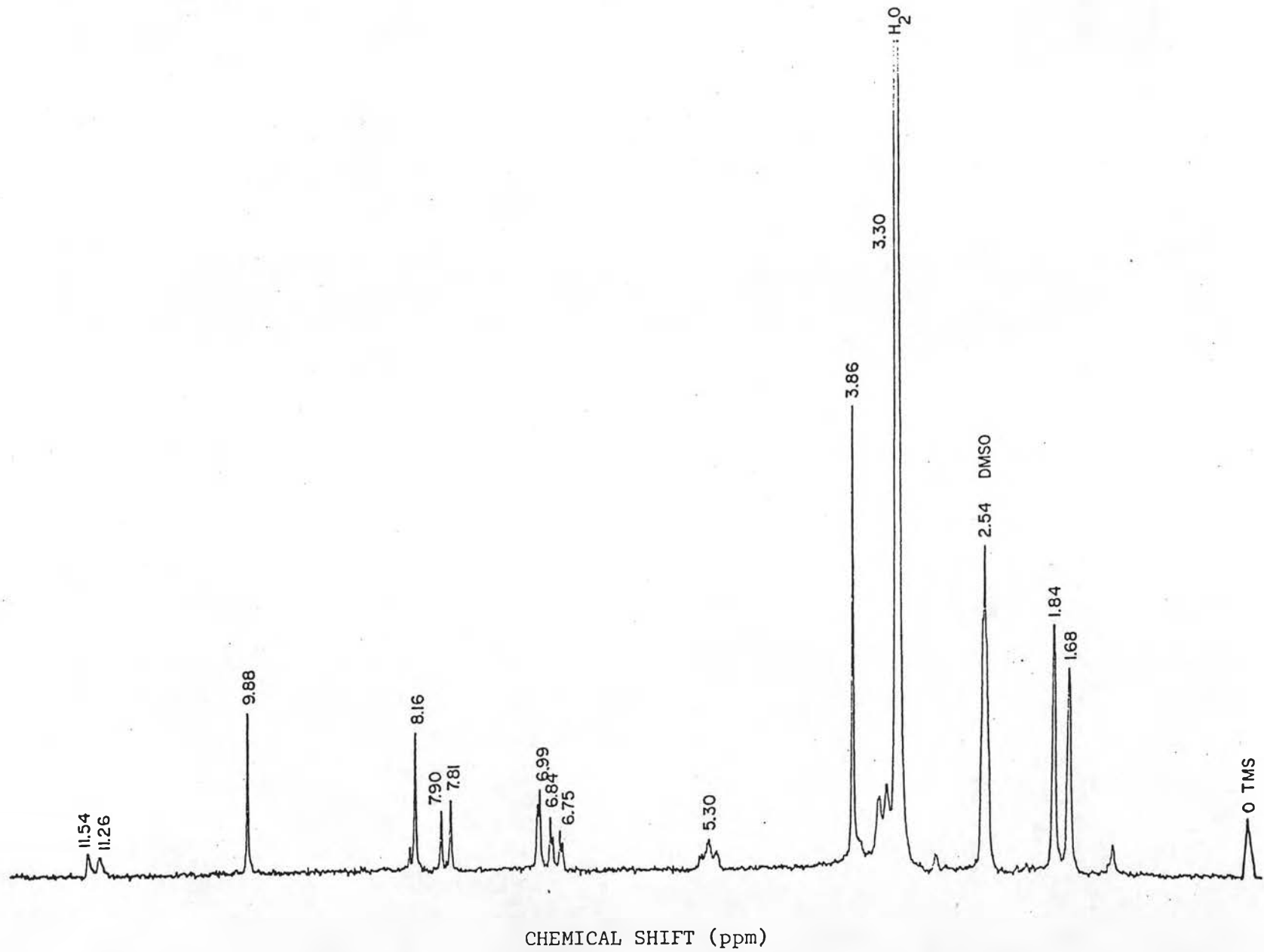


Fig. 15 ¹H-nmr Spectrum (90 MHz) of Compound 1. (6-Methoxyheptaphylline) in DMSO-d₆.

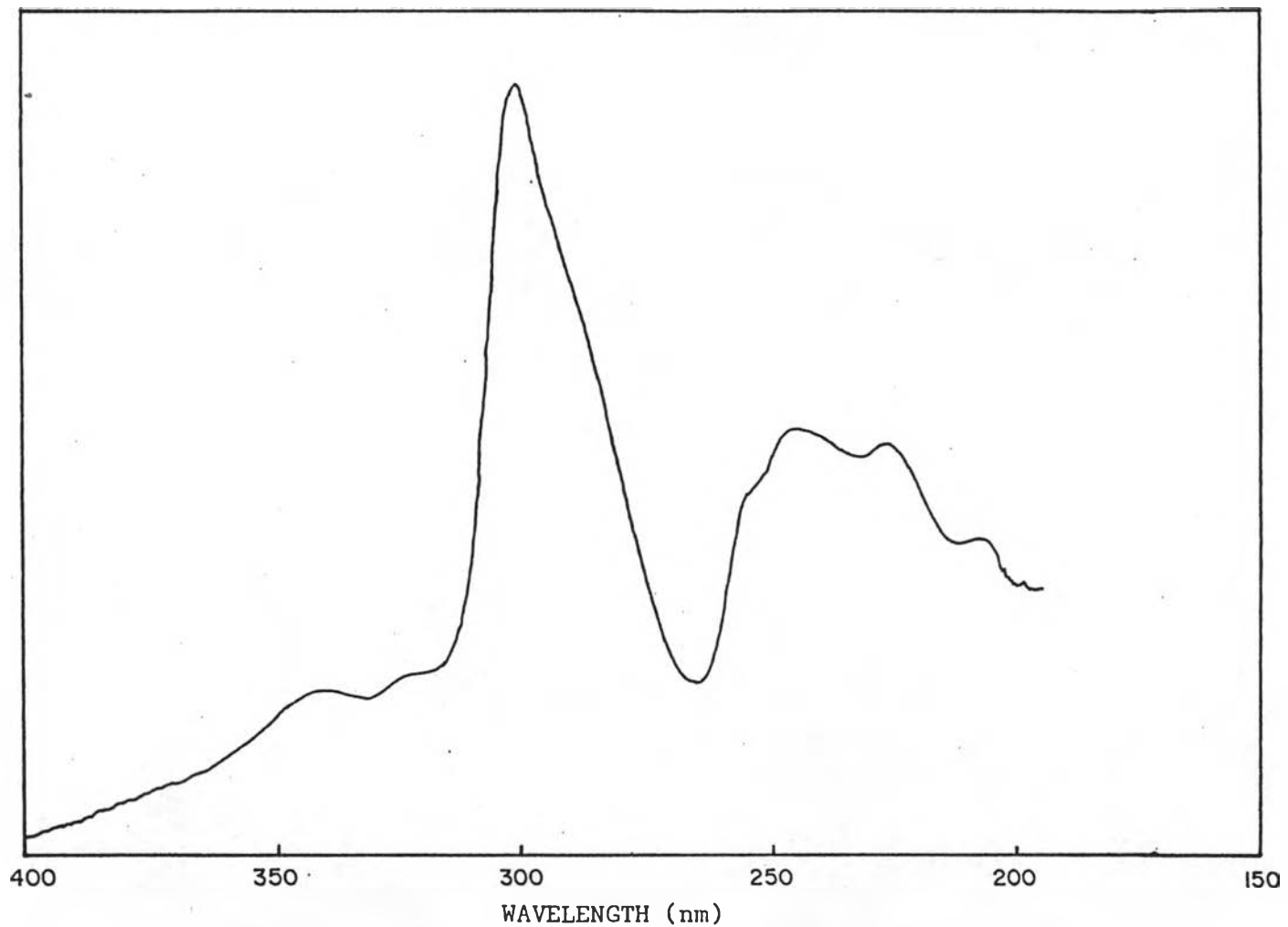


Fig. 16 Ultraviolet Spectrum of Compound 2. (Lansine) in Methanol.

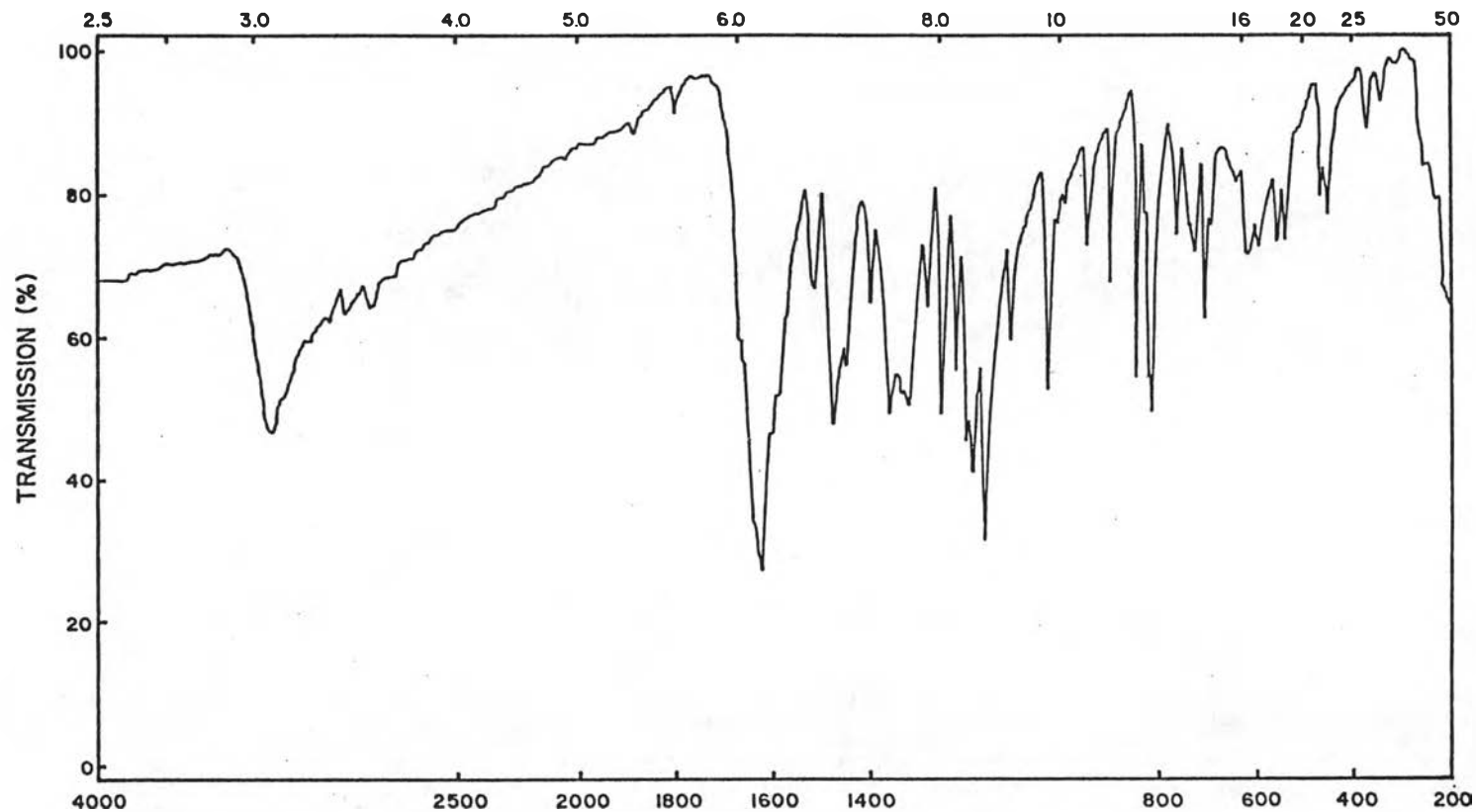


Fig. 17 Infrared Absorption Spectrum (KBr) of Compound 2. (Lansine).

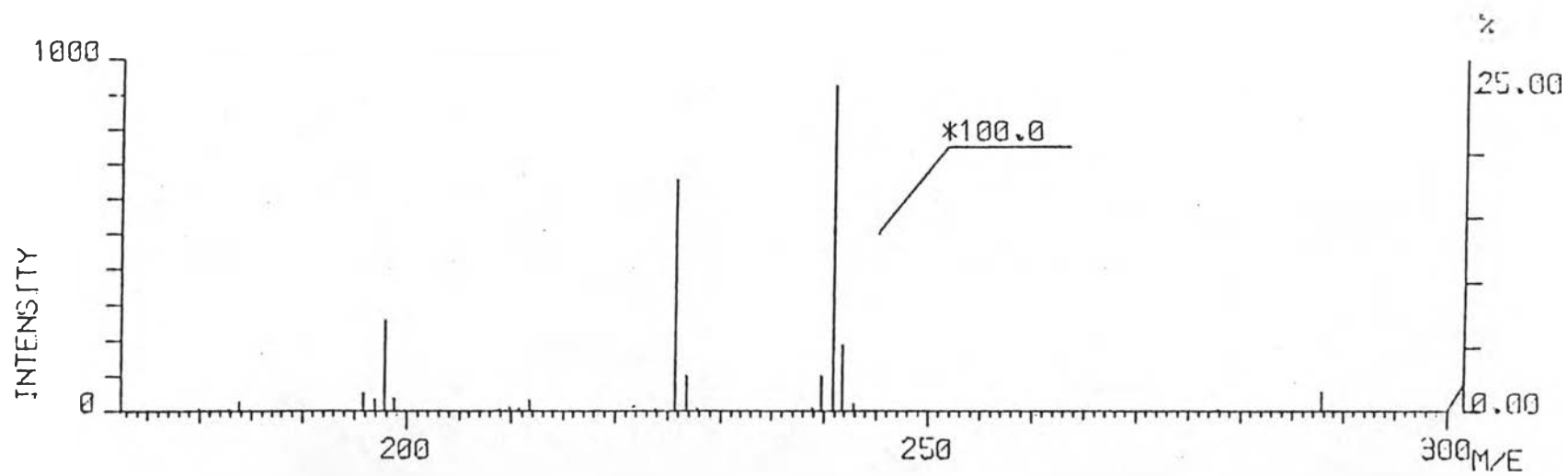
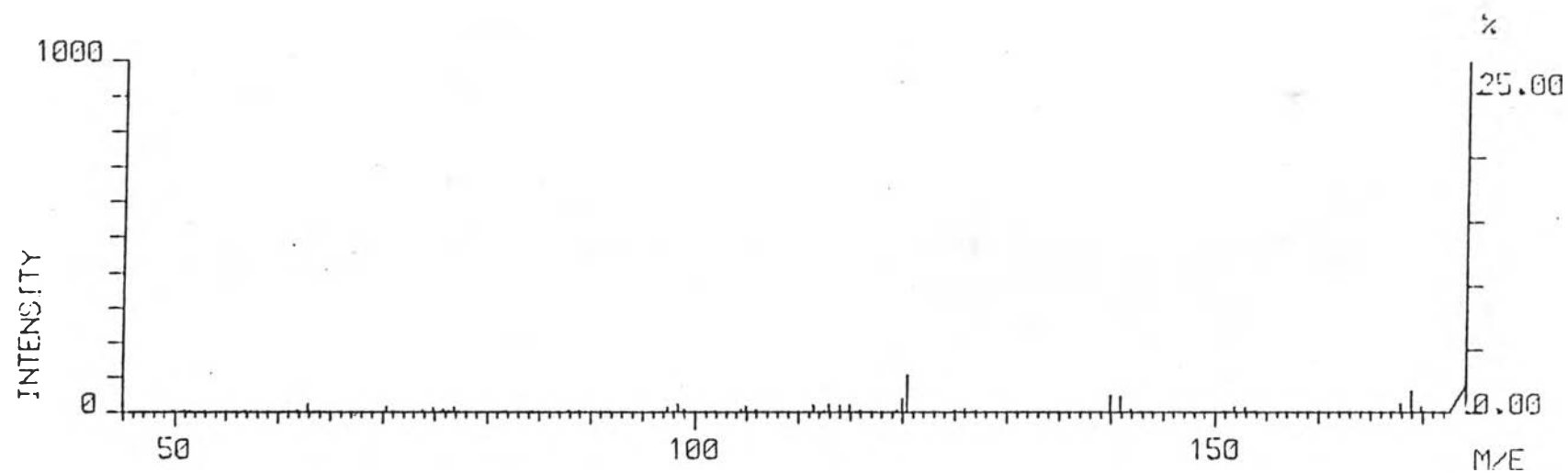


Fig. 18 Mass Spectrum (EIMS) of Compound 2. (Lansine).

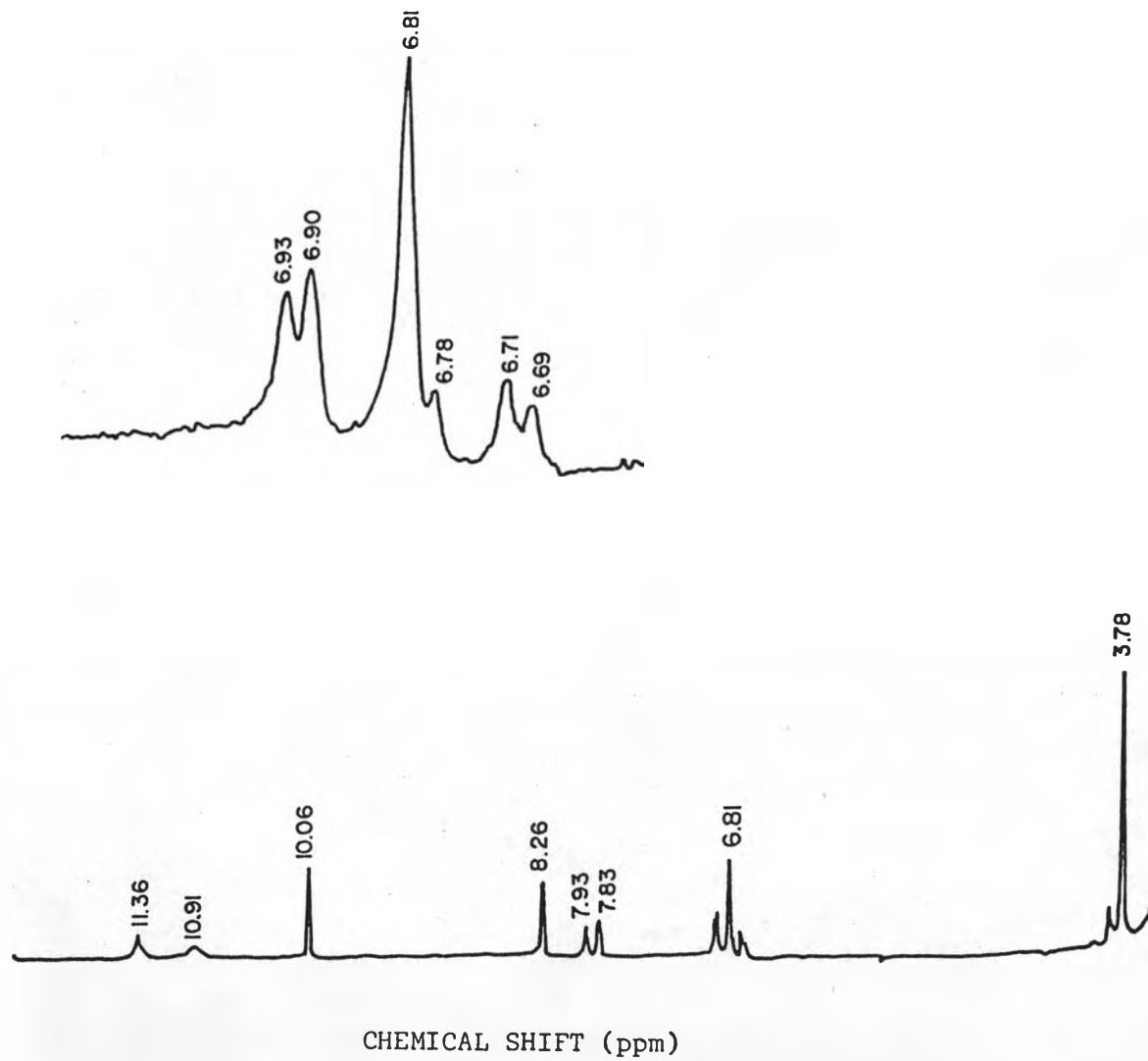


Fig. 19 ^1H -nmr Spectrum (90 MHz) of Compound 2. (Lansine) in DMSO-d_6 .

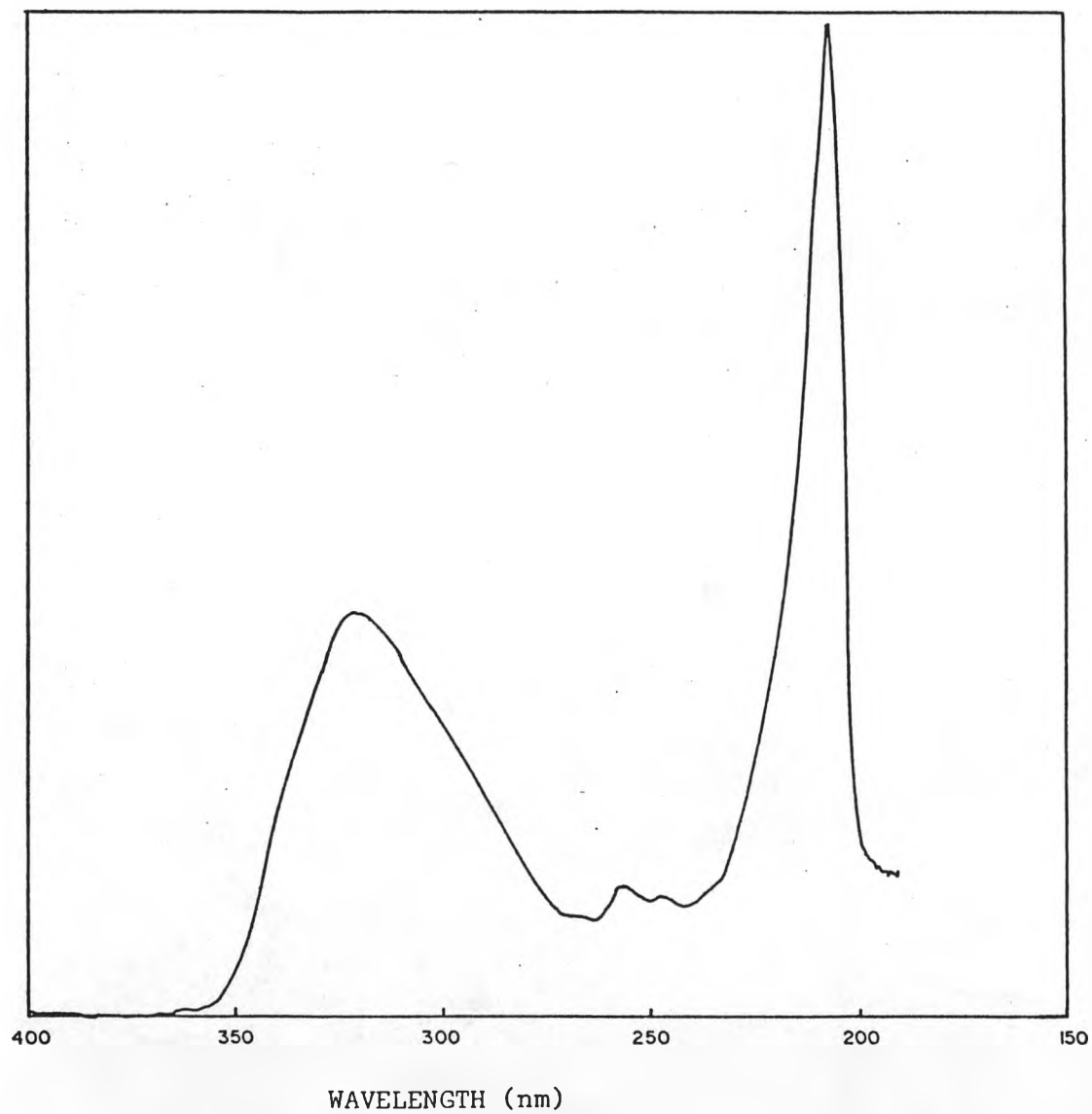


Fig. 20 Ultraviolet Spectrum of Compound 3. (Phebalosin) in Methanol.

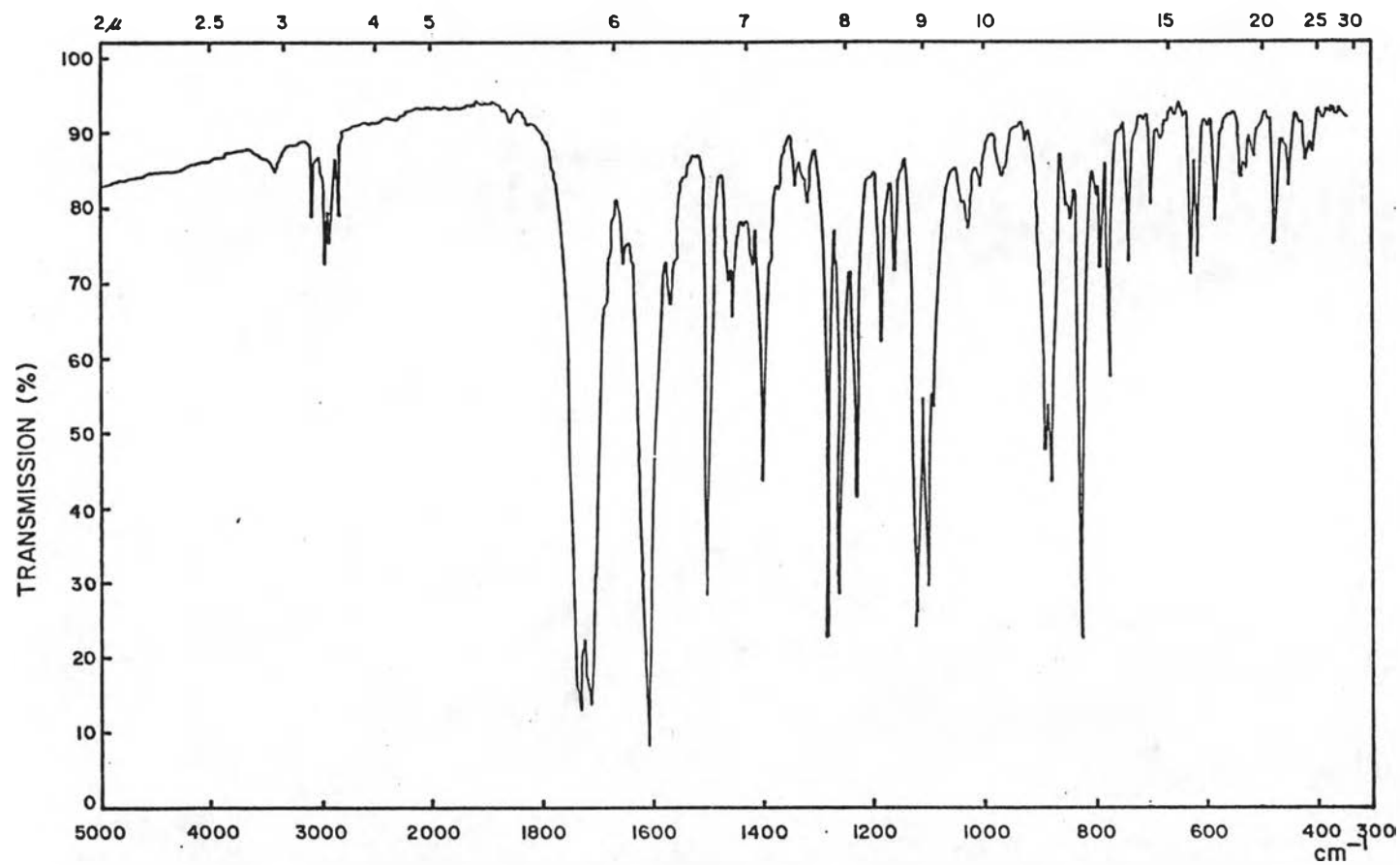


Fig. 21 Infrared Absorption Spectrum (KBr) of Compound 3. (Phebalosin).

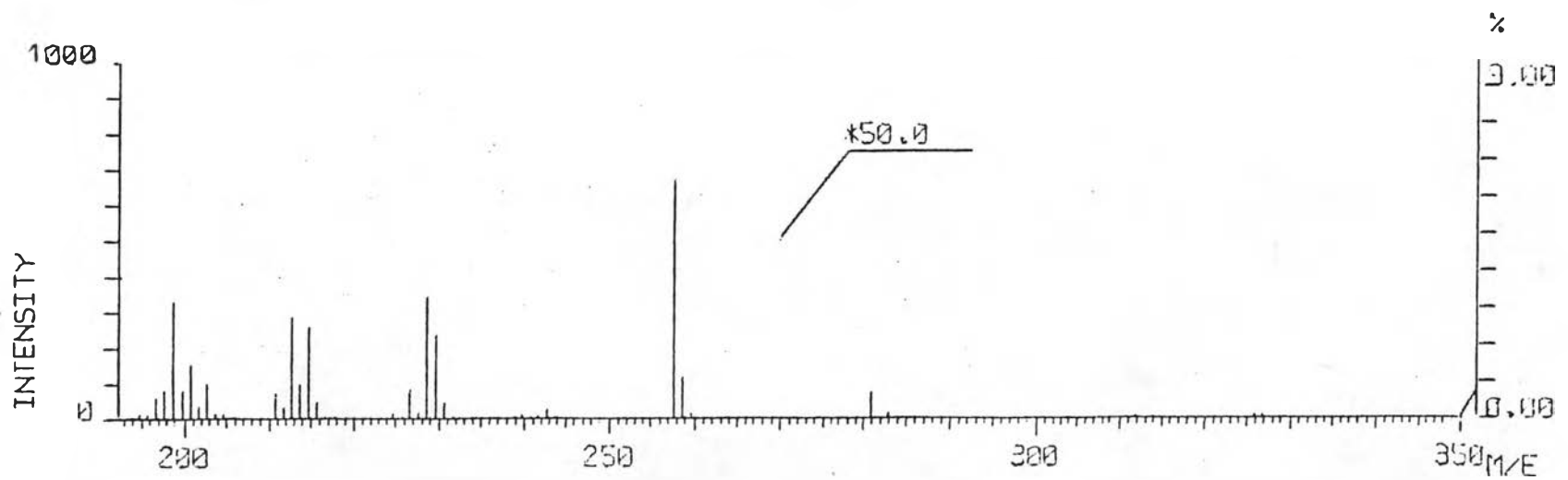
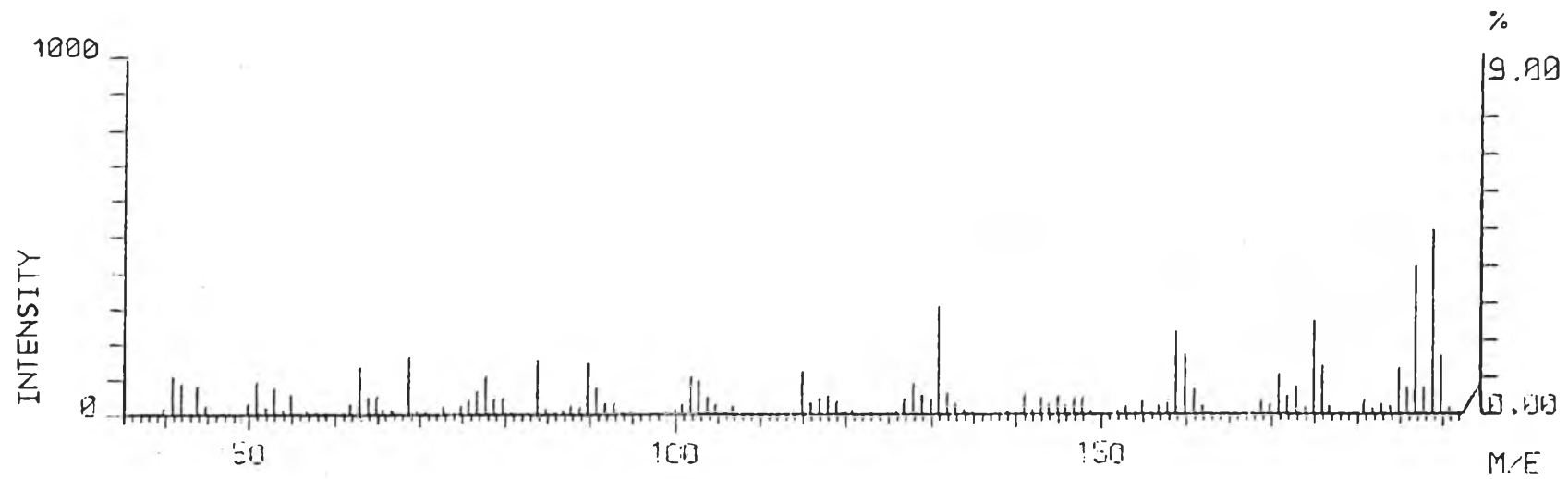


Fig. 22 Mass Spectrum (EIMS) of Compound 3. (Phebalosin).

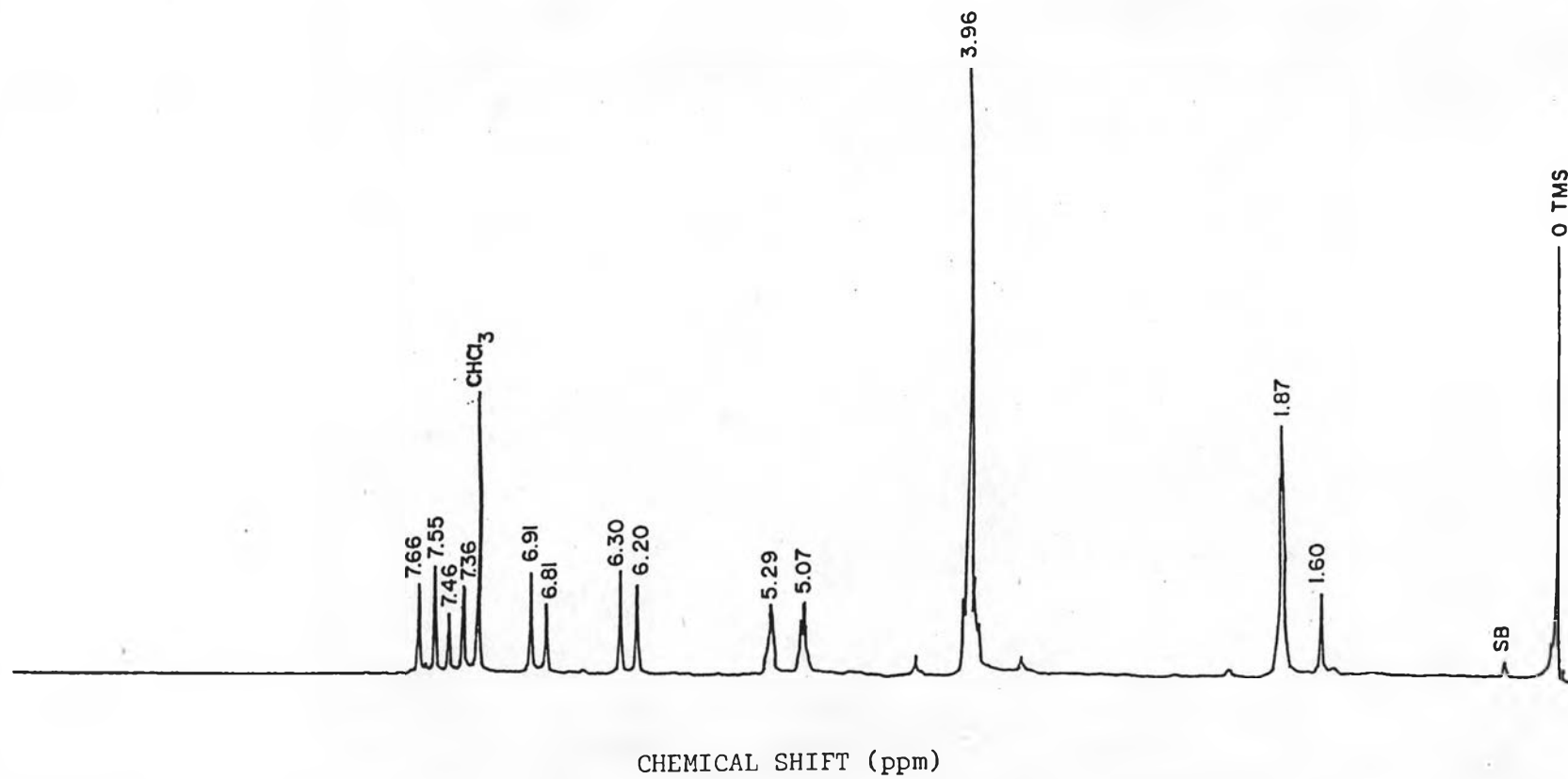


Fig. 23 ¹H-nmr Spectrum (90 MHz) of Compound 3. (Phebalosin) in CDCl₃.

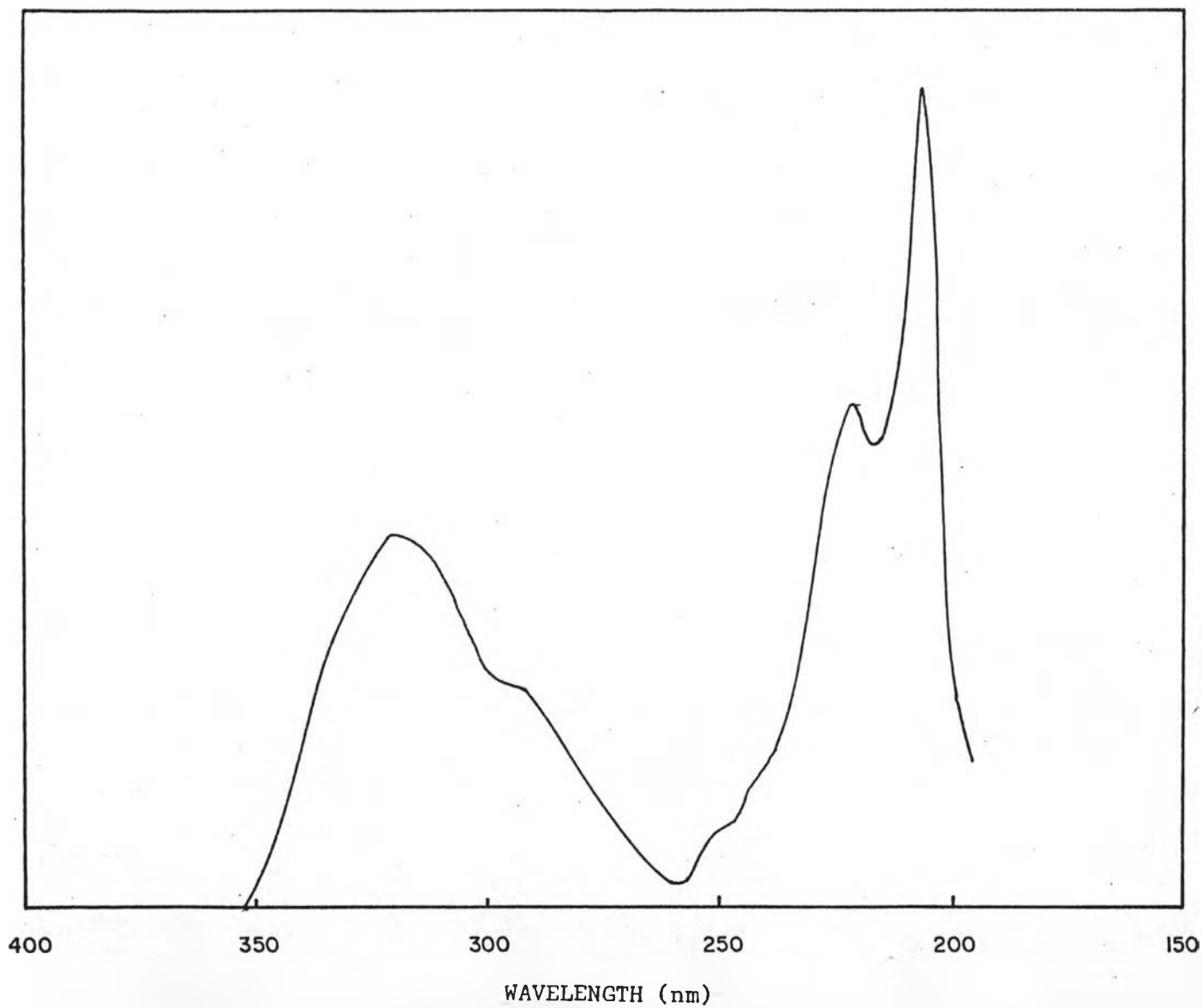


Fig. 24 Ultraviolet Spectrum of Compound 4. (Micromelin) in Methanol.

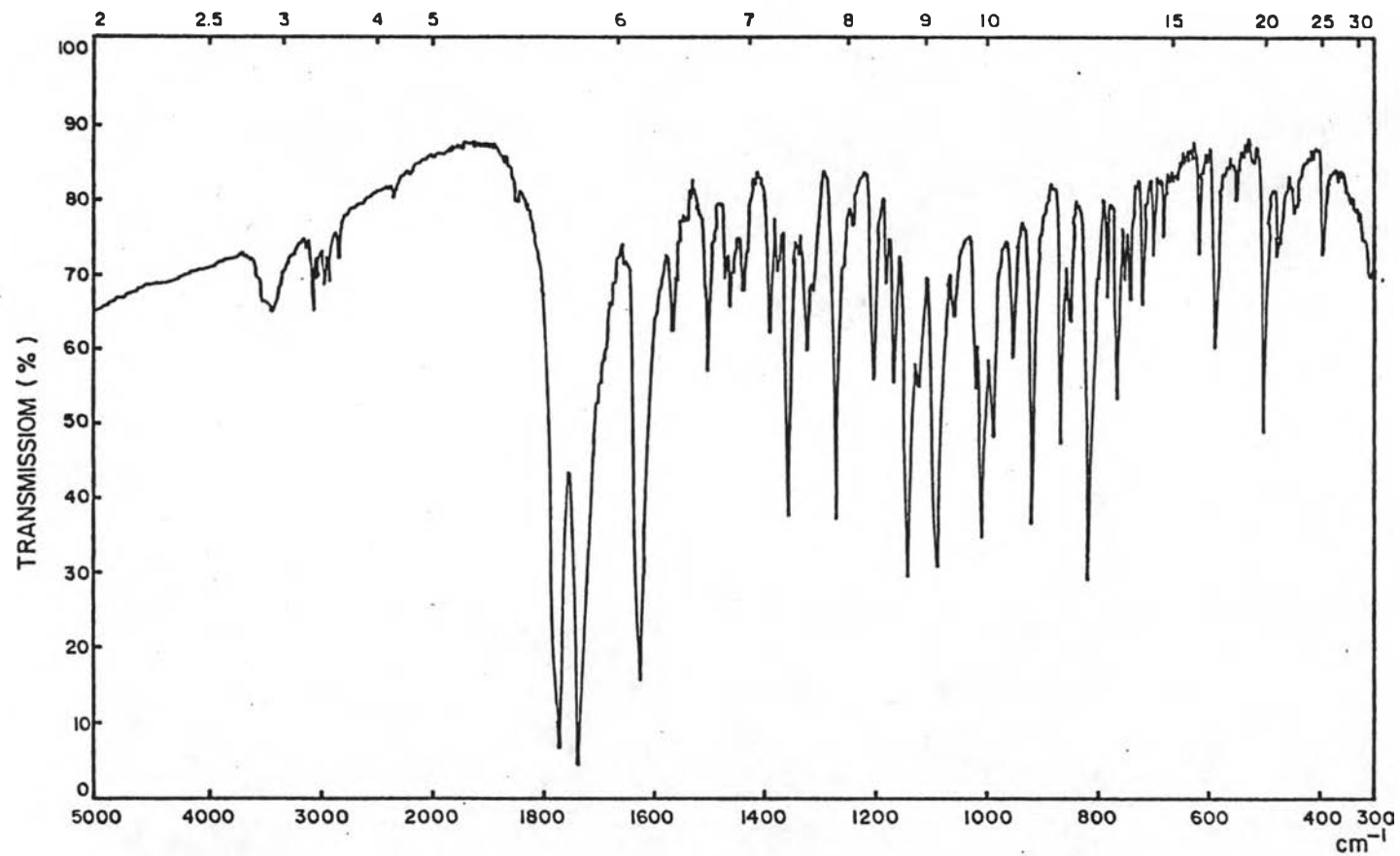


Fig. 25 Infrared Absorption Spectrum (KBr) of Compound 4. (Micromelin).

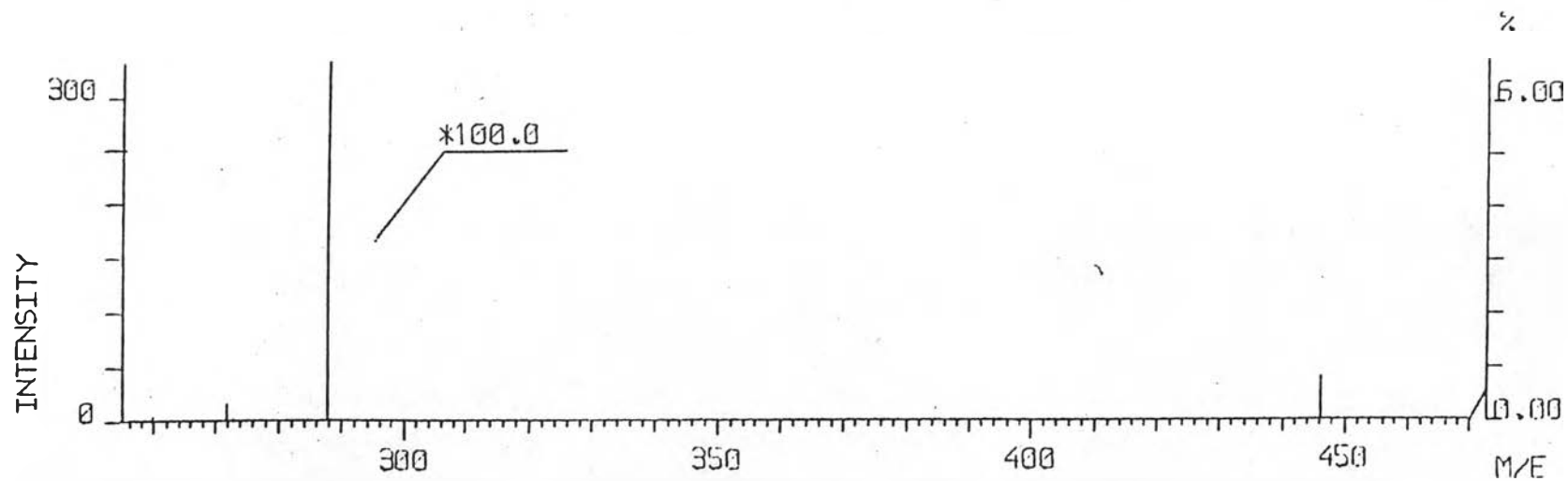
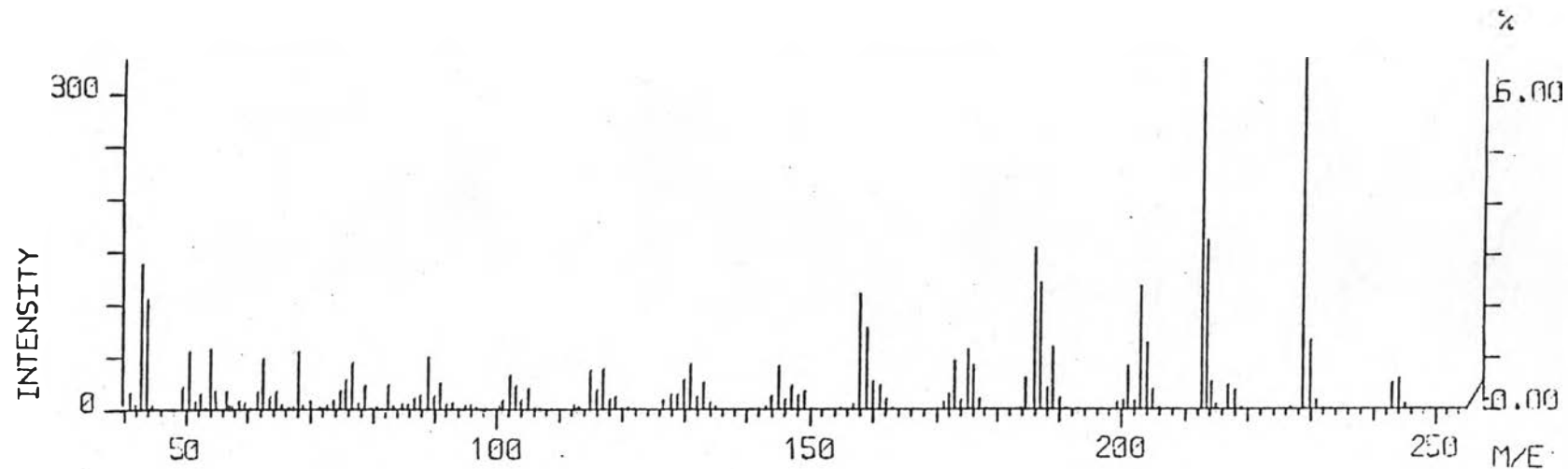


Fig. 26 Mass Spectrum (EIMS) of Compound 4. (Micromelin)

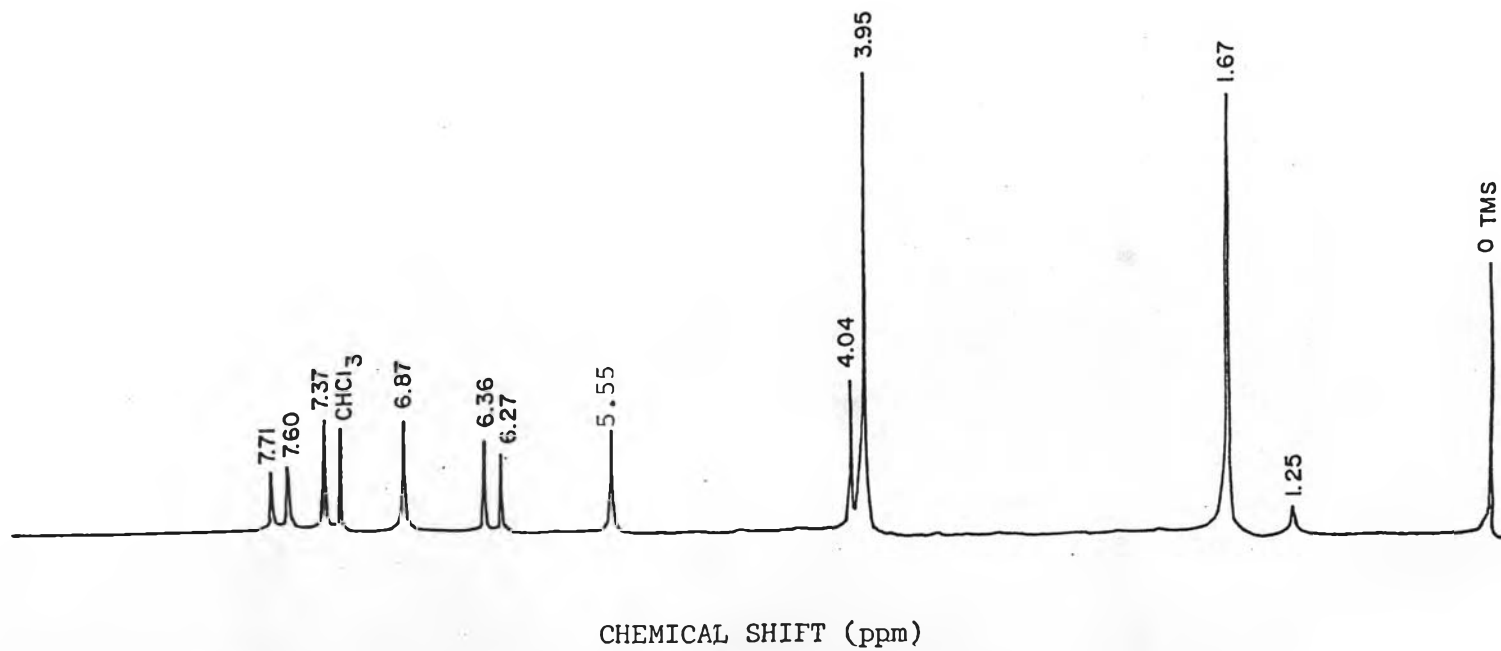


Fig. 27 $^1\text{H-NMR}$ Spectrum (90 MHz) of Compound 4. (Micromelin) in CDCl_3 .

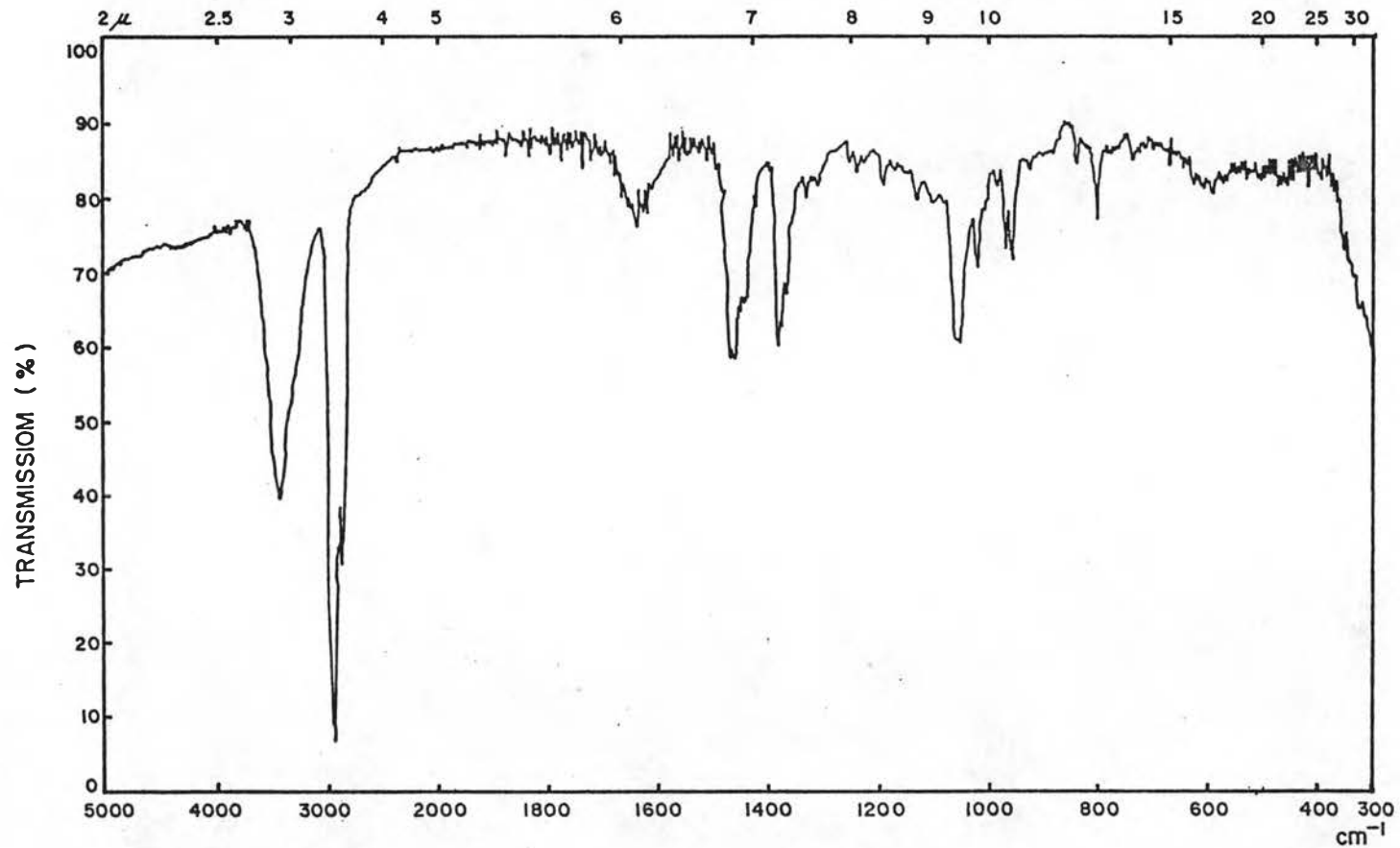


Fig. 28 Infrared Absorption Spectrum (KBr) of Compound 5.

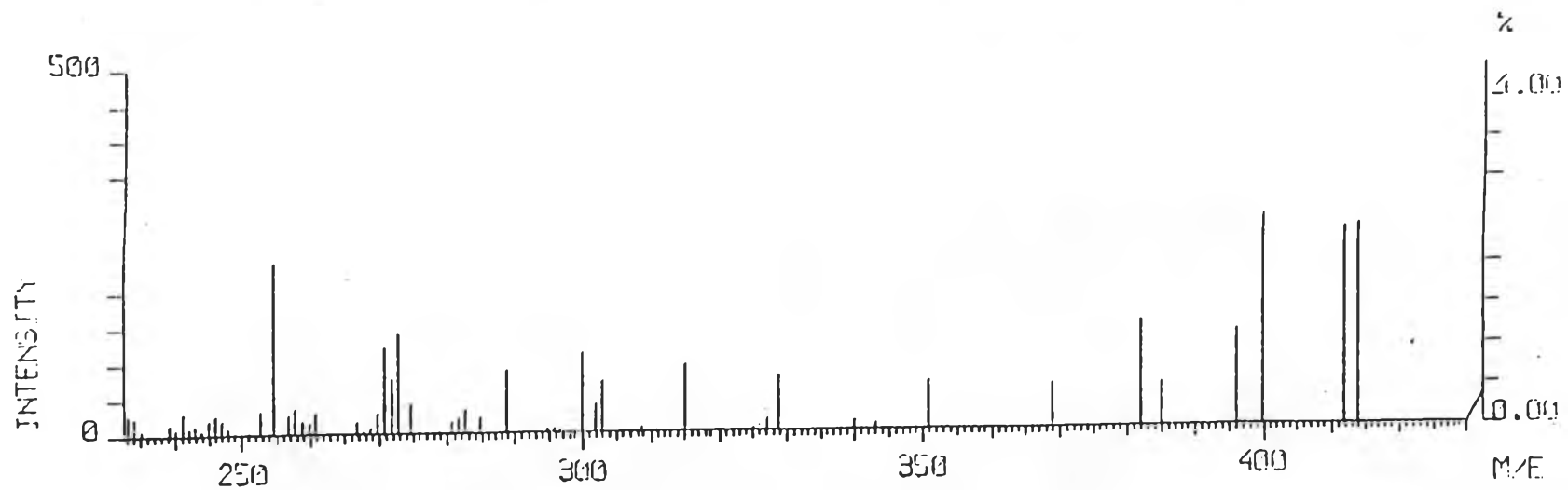
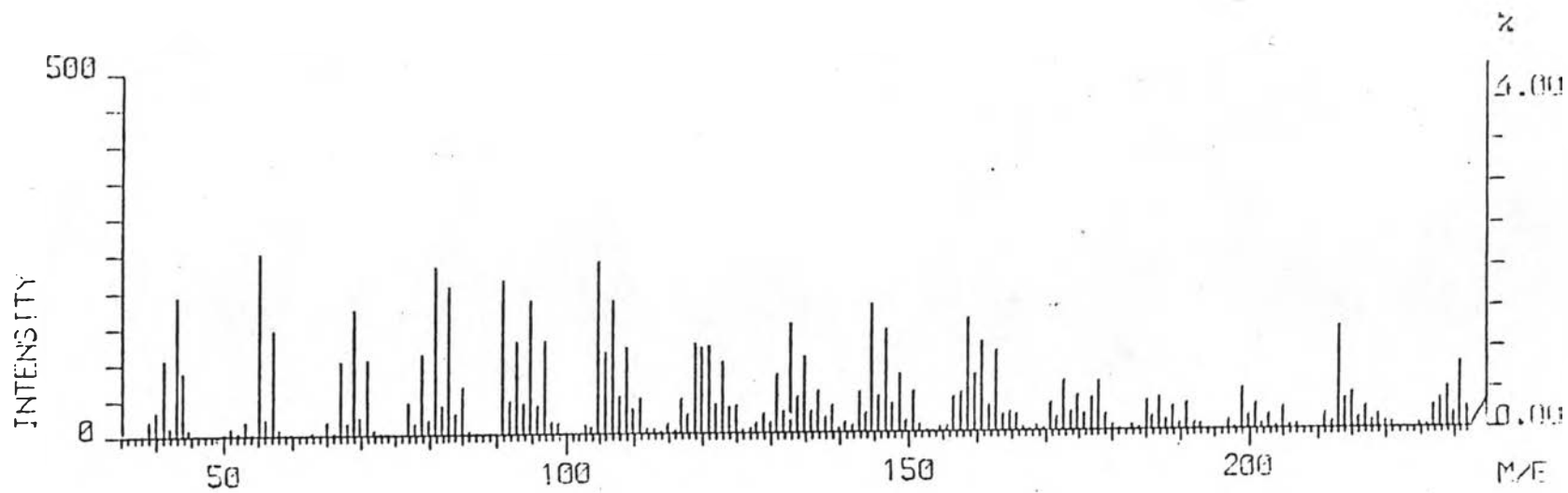


Fig. 29 Mass Spectrum (EIMS) Of Compound 5.

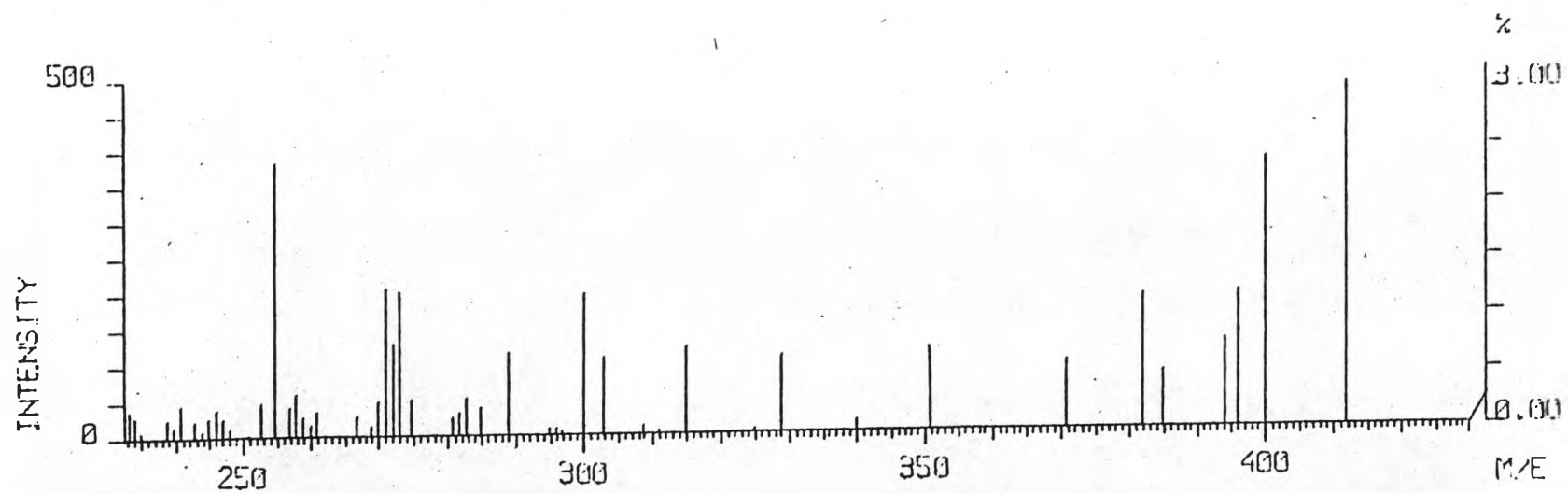
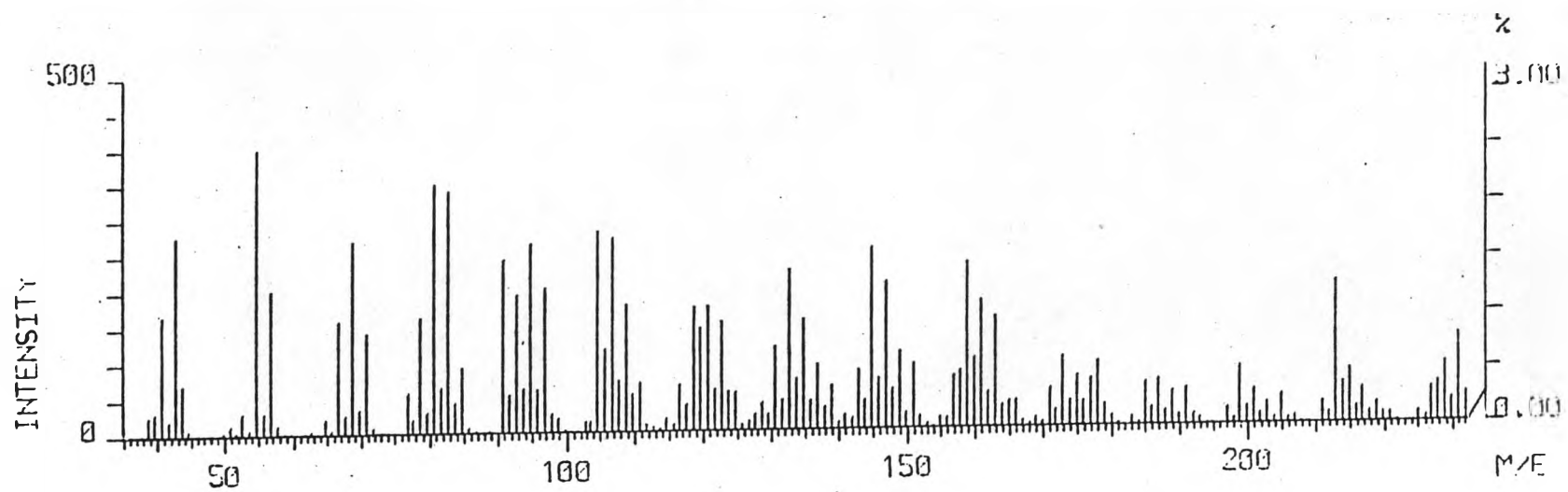


Fig. 30 Mass Spectrum (EIMS) of Compound 5.

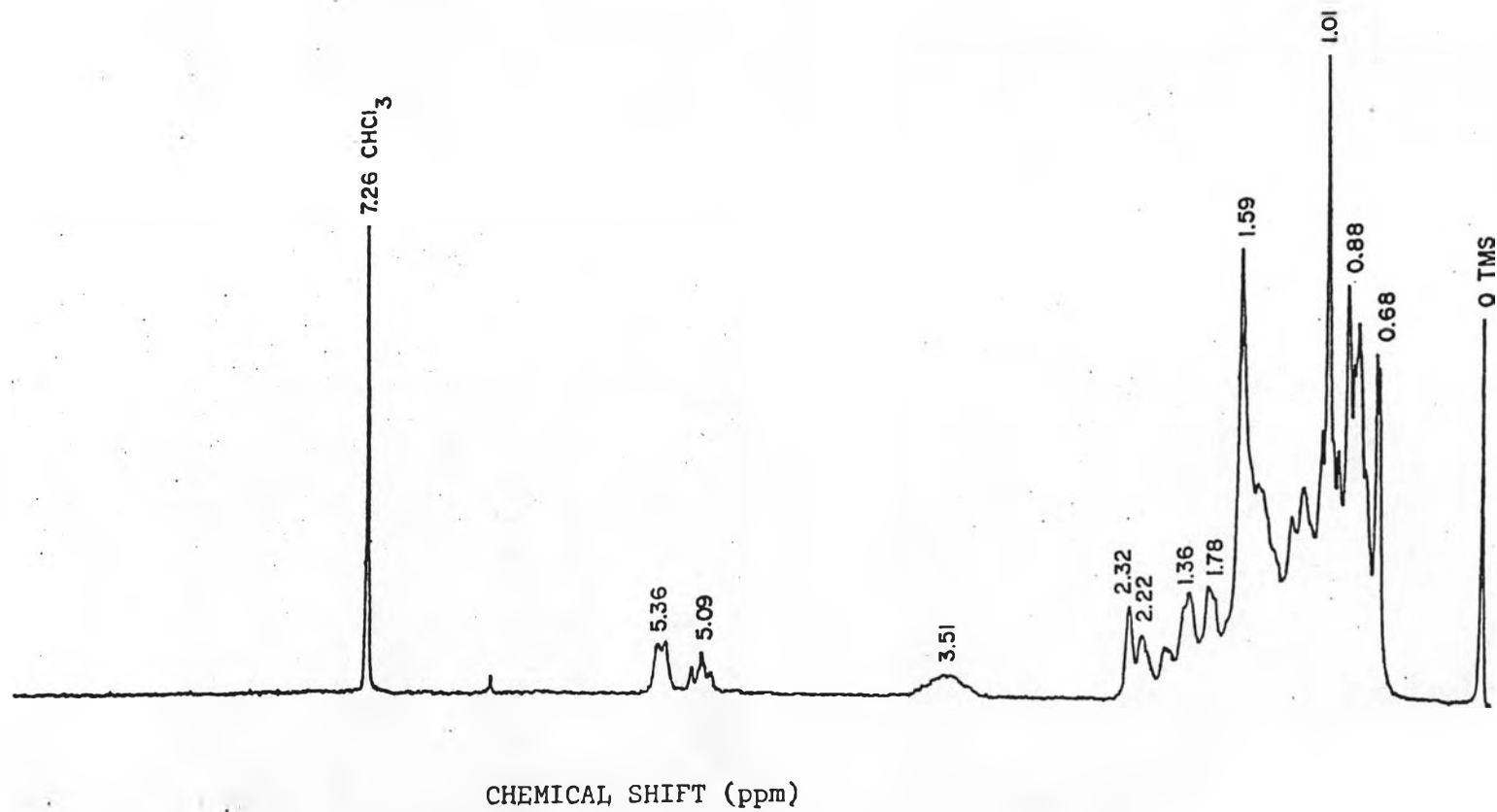


Fig. 31 ¹H-nmr Spectrum (90 MHz) of Compound 5, in CDCl₃.

VITA

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