

Supplementary materials of compound 1

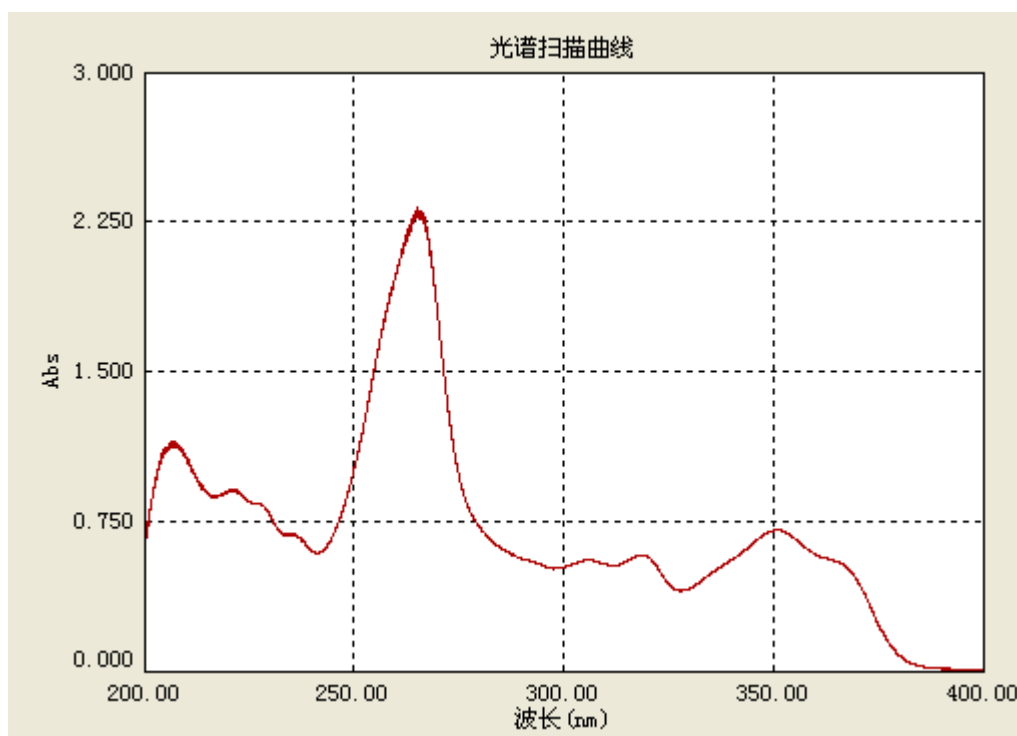


Figure 1. UV spectrum of 1

Concentration: 0.0099 mg/mL (methanol)

λ (nm)	Abs
206.8	1.153
265.3	2.326
351.0	0.708

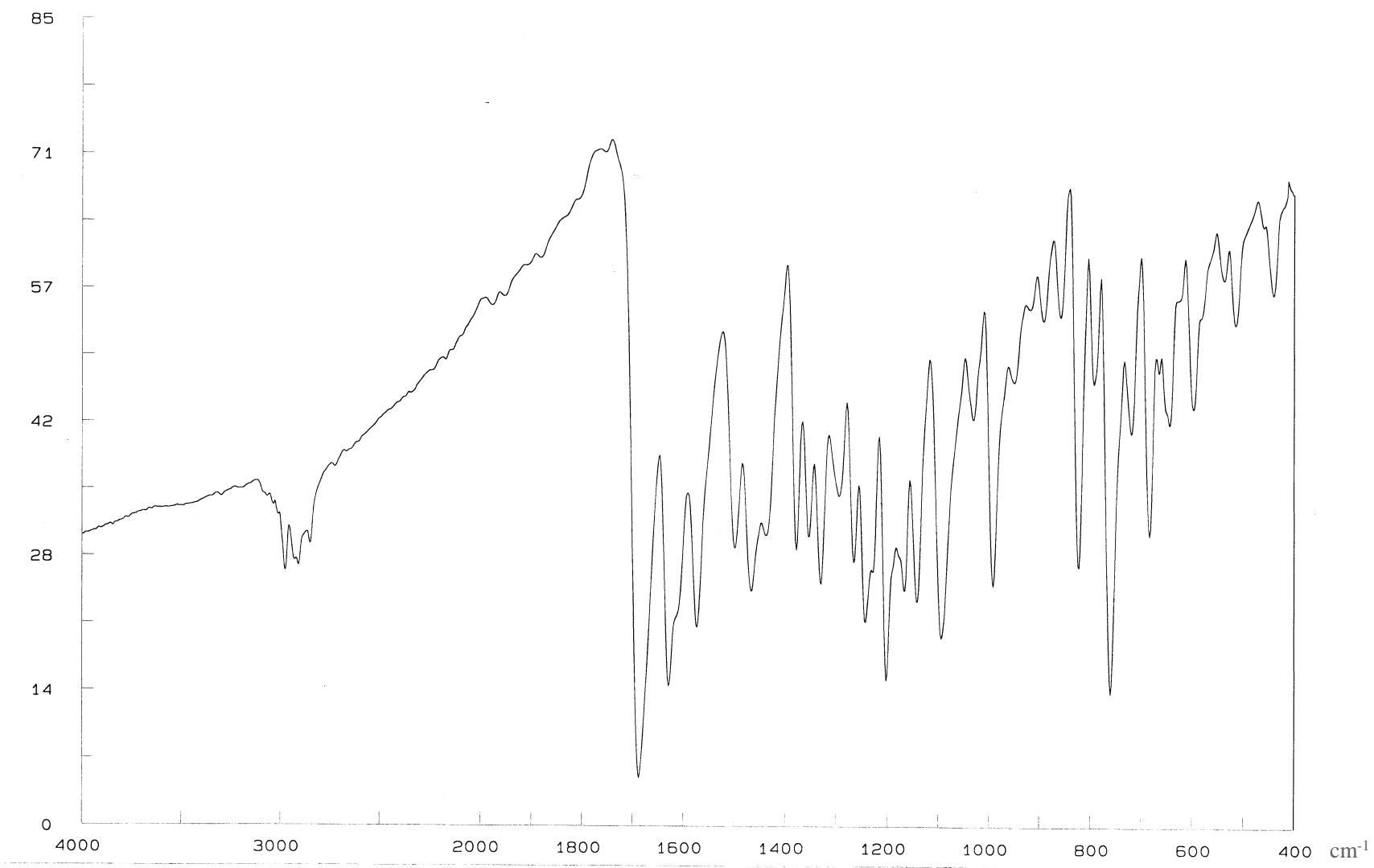


Figure 2. IR spectrum of **1**

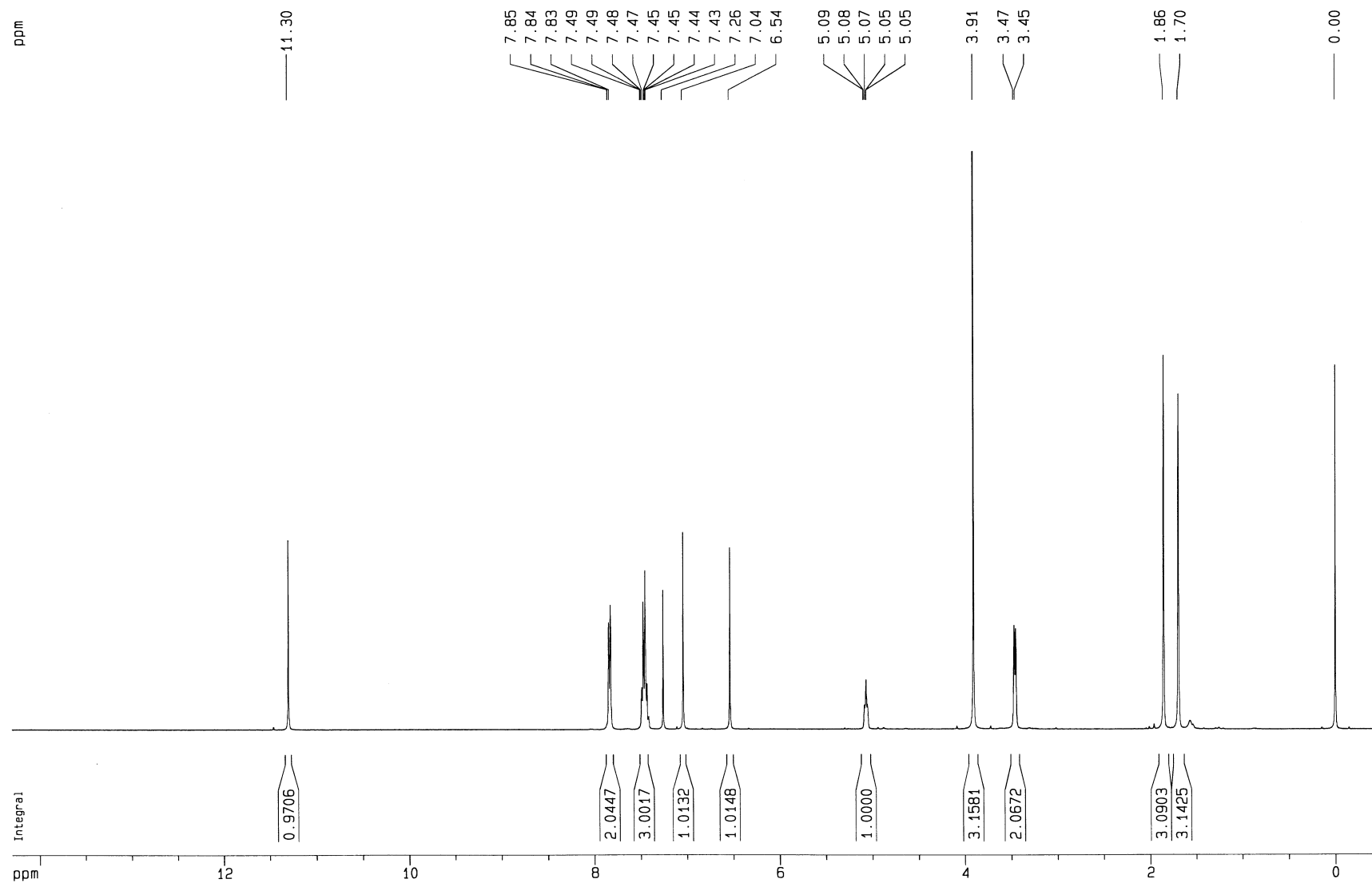


Figure 3. ¹H NMR spectrum of 1 (400 MHz, in CDCl₃)

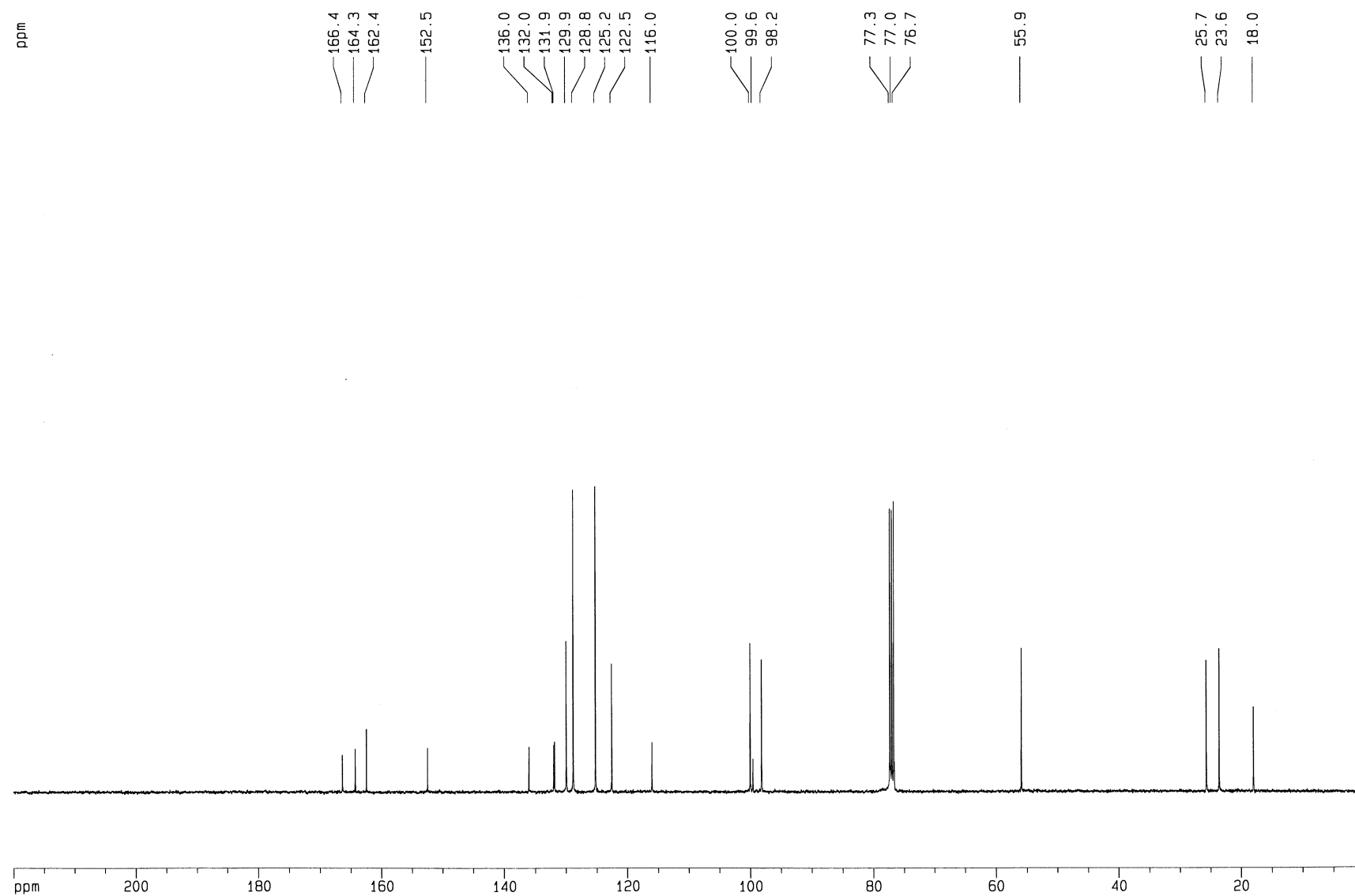


Figure 4. ¹³C NMR spectrum of 1 (100 MHz, in CDCl₃)

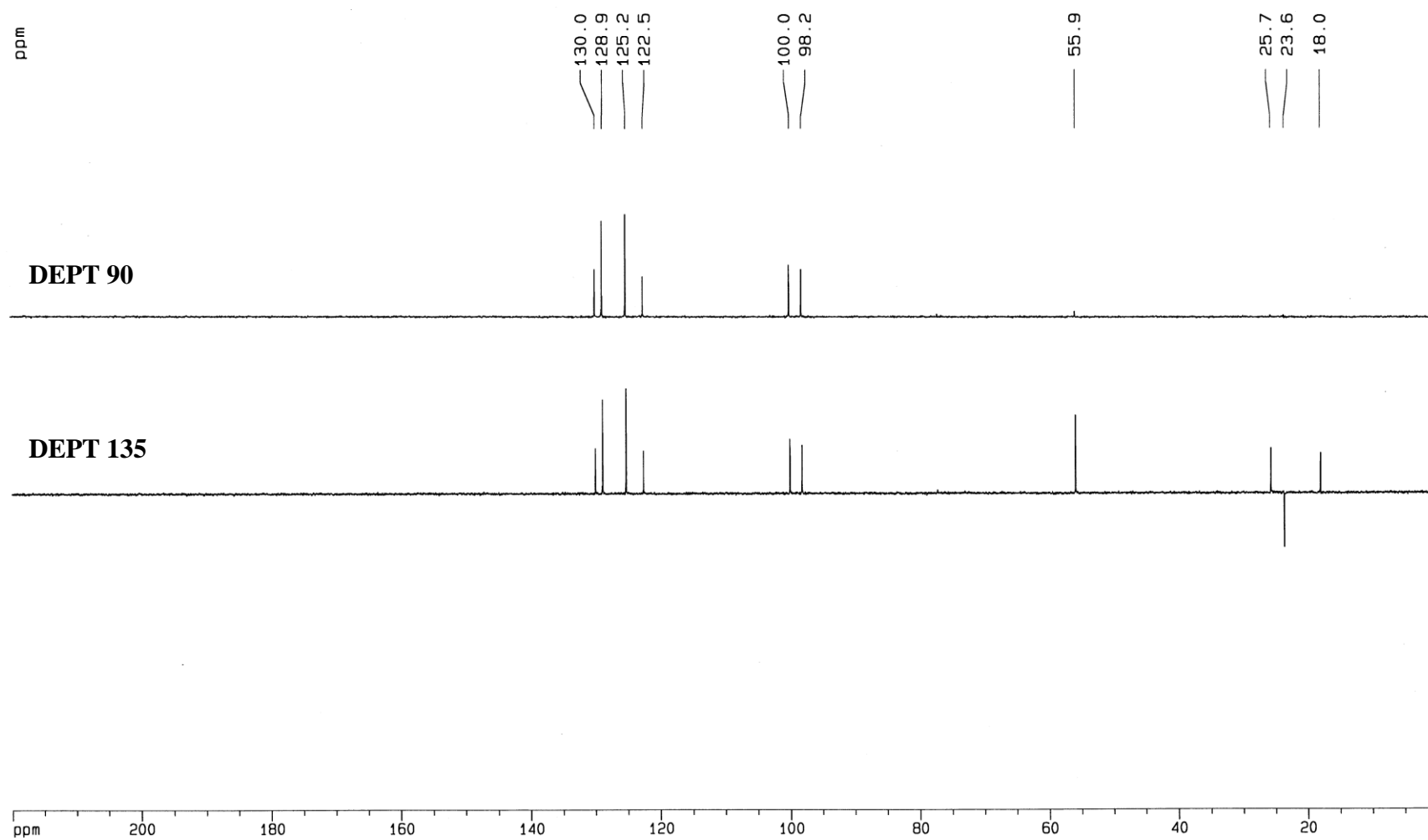


Figure 5. DEPT spectrum of 1 (100 MHz, in CDCl_3)

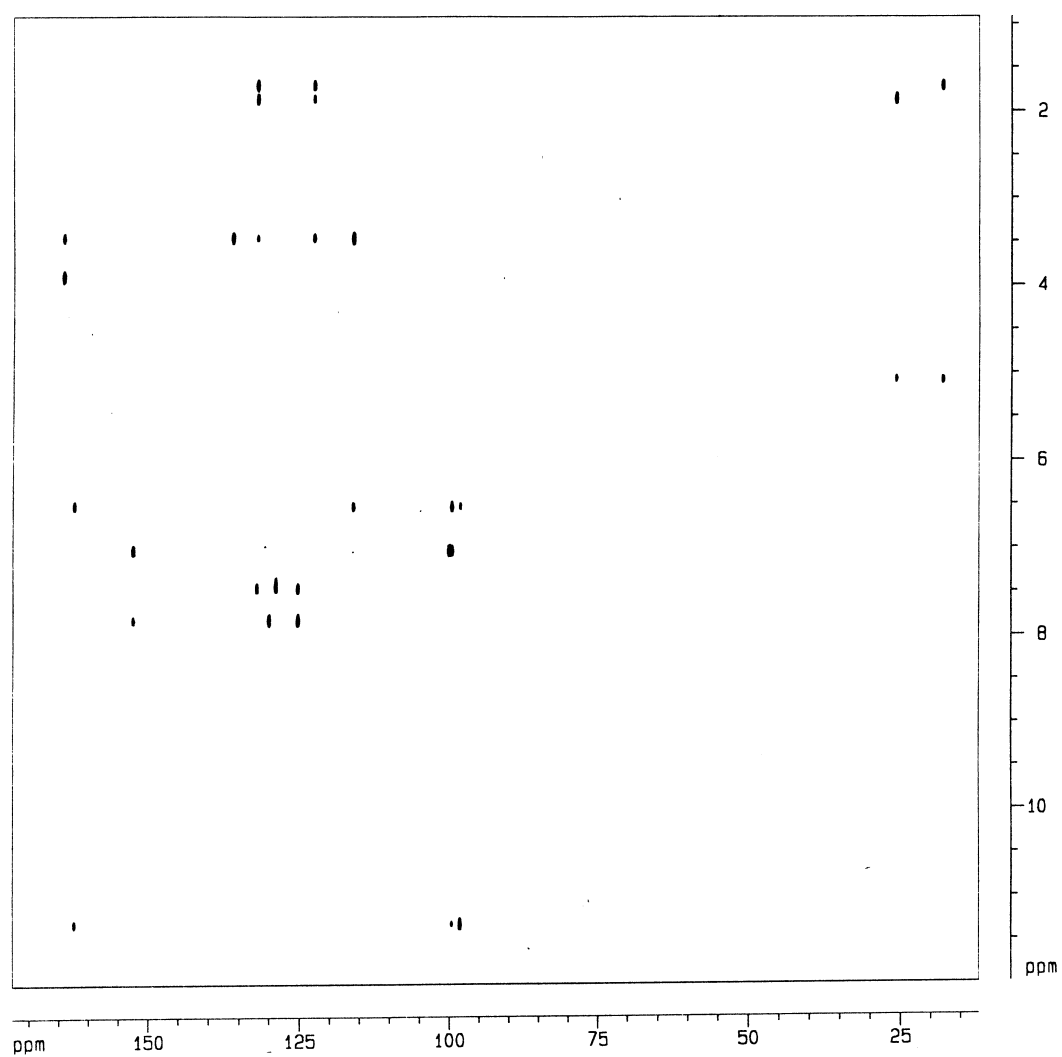


Figure 6. HMBC spectrum of 1 (in CDCl_3)

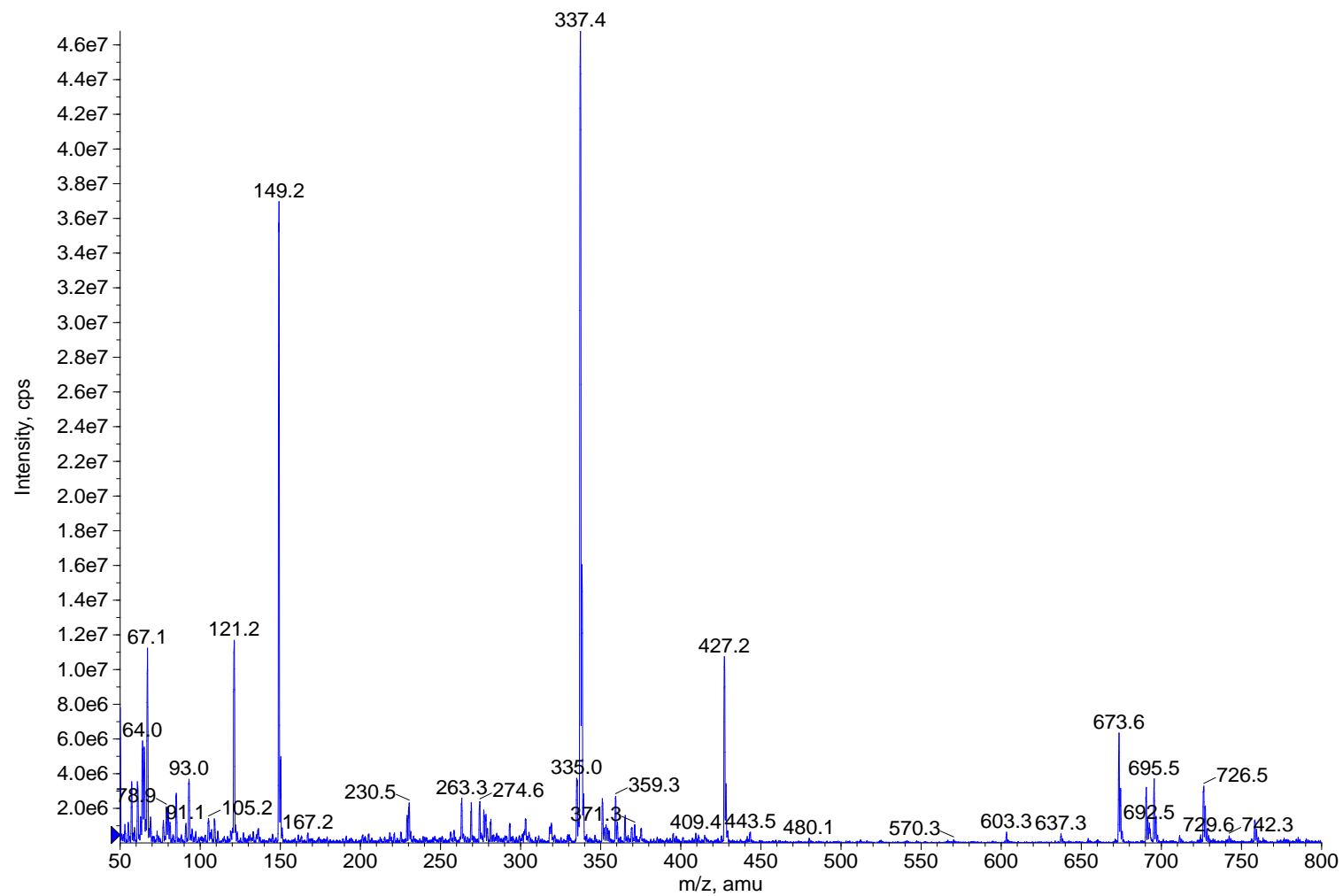


Figure 7. ESI MS spectrum of 1

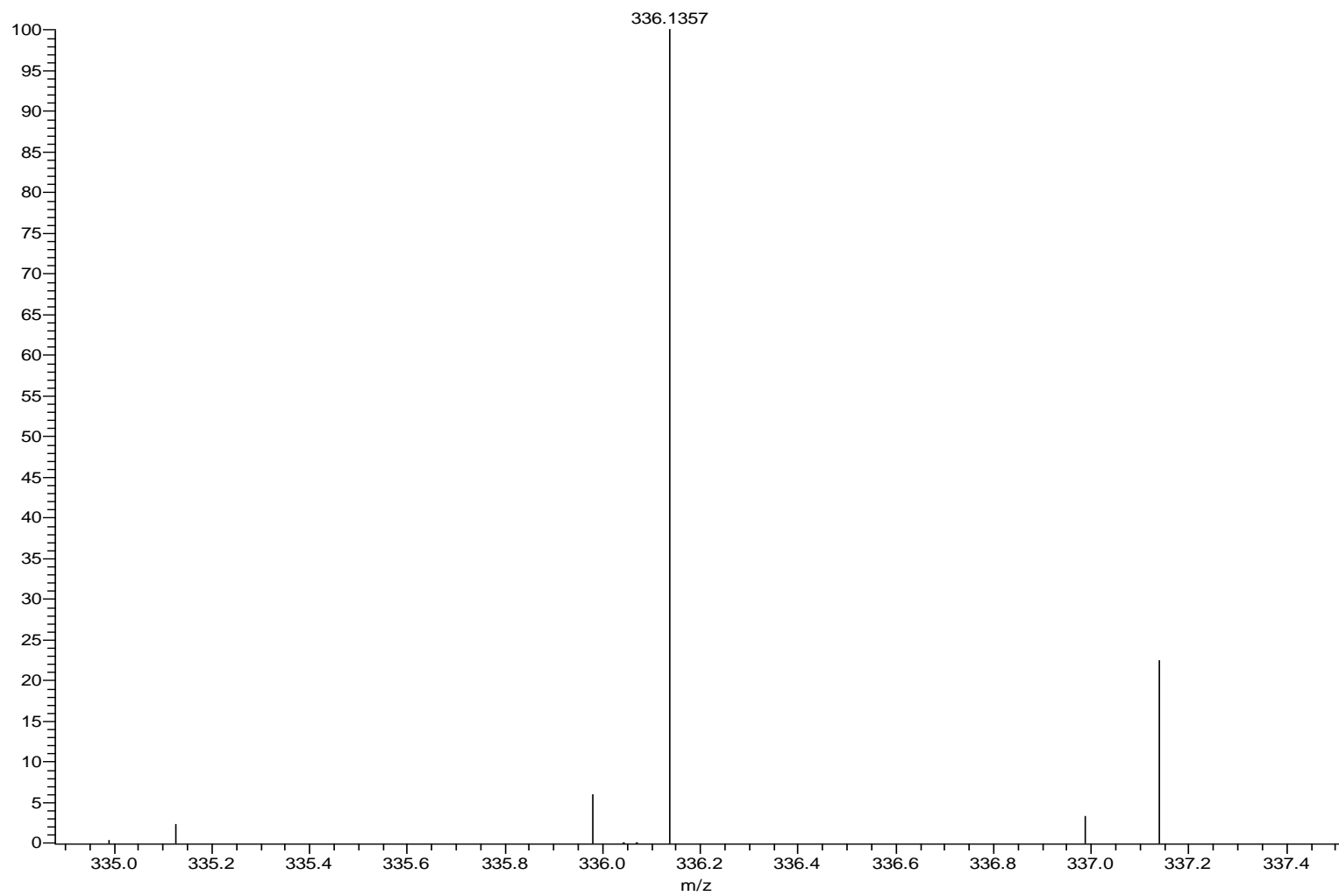


Figure 8. HR EIMS spectrum of 1

Assay of 1 by HPLC

Conditions and equipments

Chromatography was performed on an Agilent HPLC system with a VWD detector (Agilent Technologies Inc., USA). The separation was carried out on a Agilent HC-C18 (4.60 mm × 250 mm, 5 µm; Agilent Technologies Inc., USA) maintained at 25 °C, with mobile phase of methanol – water (90 : 10, v:v) and detection wavelength of 265 nm. The flow rate was set at 1.0 mL/min. Sample solution was injected 20 µL.

Sample processing and result

Compound **1** was dissolved in methanol to afford test solution (0.1 mg/mL). The test solution was determined twice in parallel. The result was showed in Figure 9. Purity of **1** was determined as 99.0%.

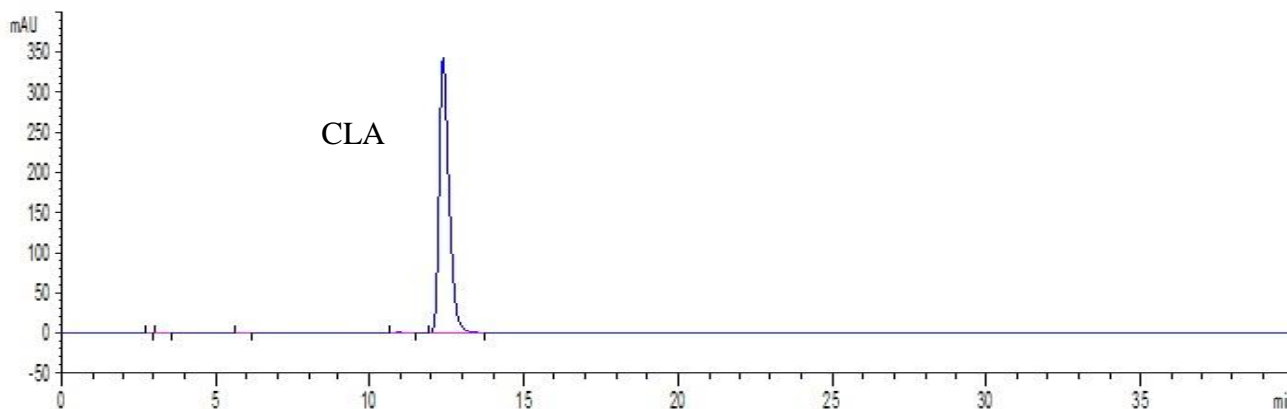


Figure 9. HPLC chromatogram of CLA