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APPENDIX

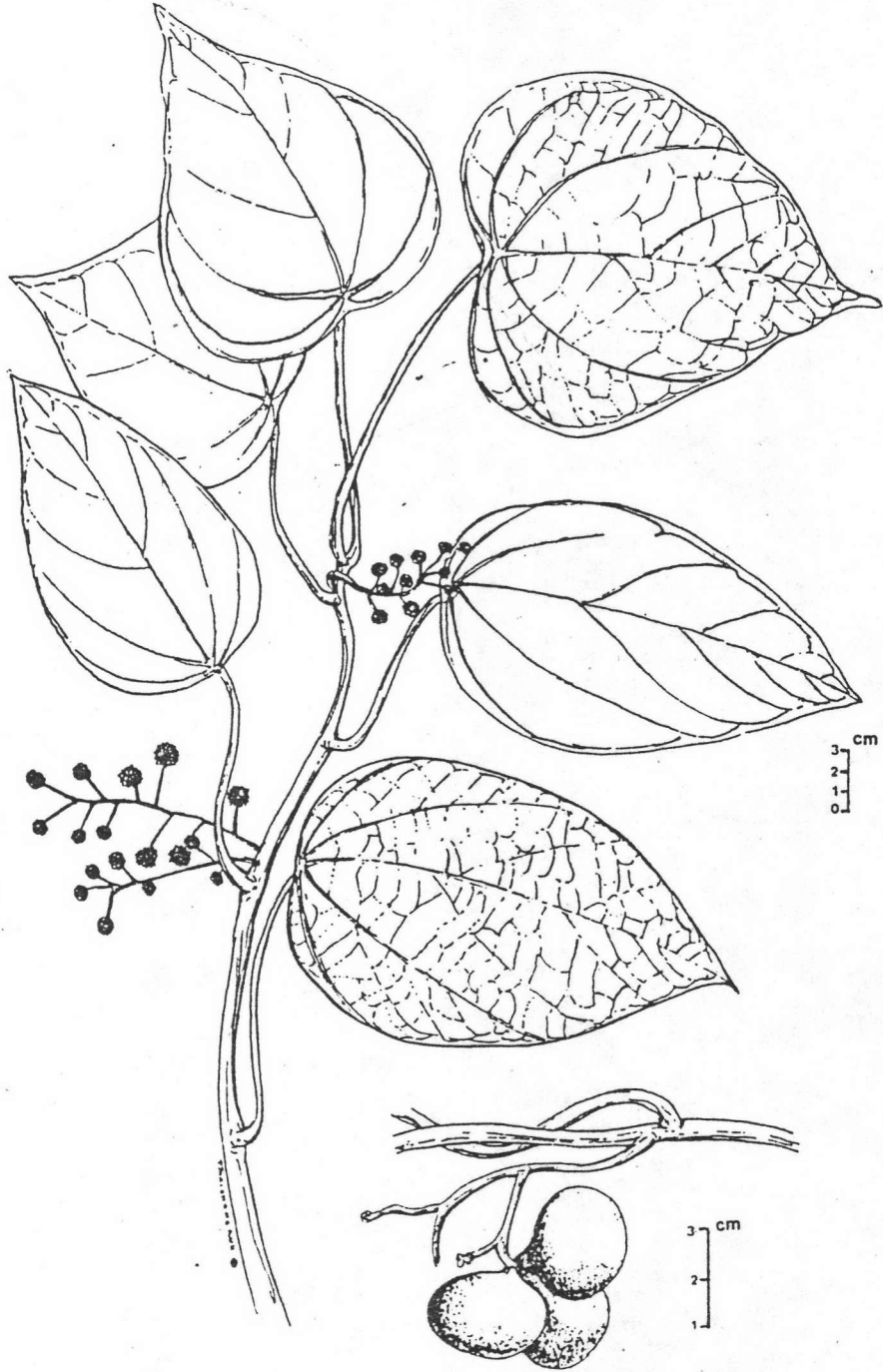


Figure 2 *Coscinium fenestratum* Colebr.

1) Chloroform : Methanol (9:1)

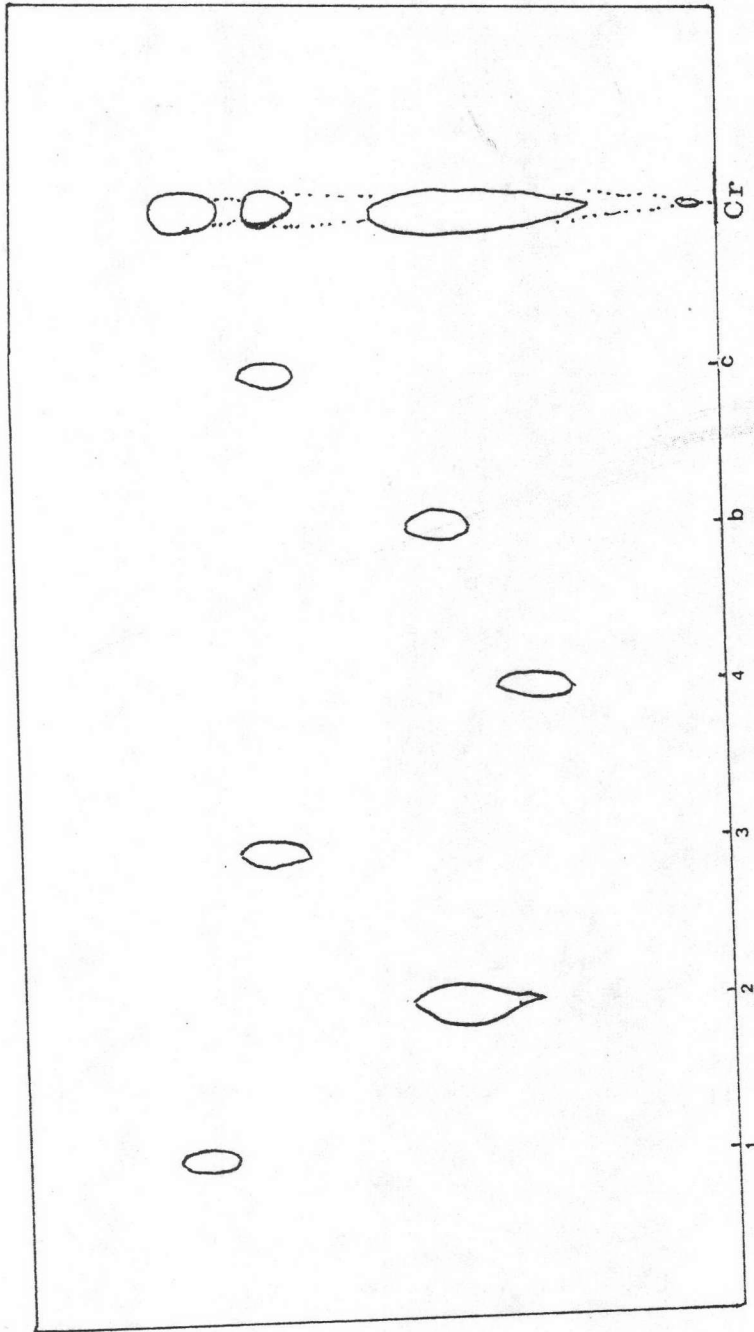


Figure 3 Thin layer chromatogram of the isolated alkaloids,

Cf-1 to Cf-4

2) Chloroform : Methanol : Ethyl acetate (7:2:1)

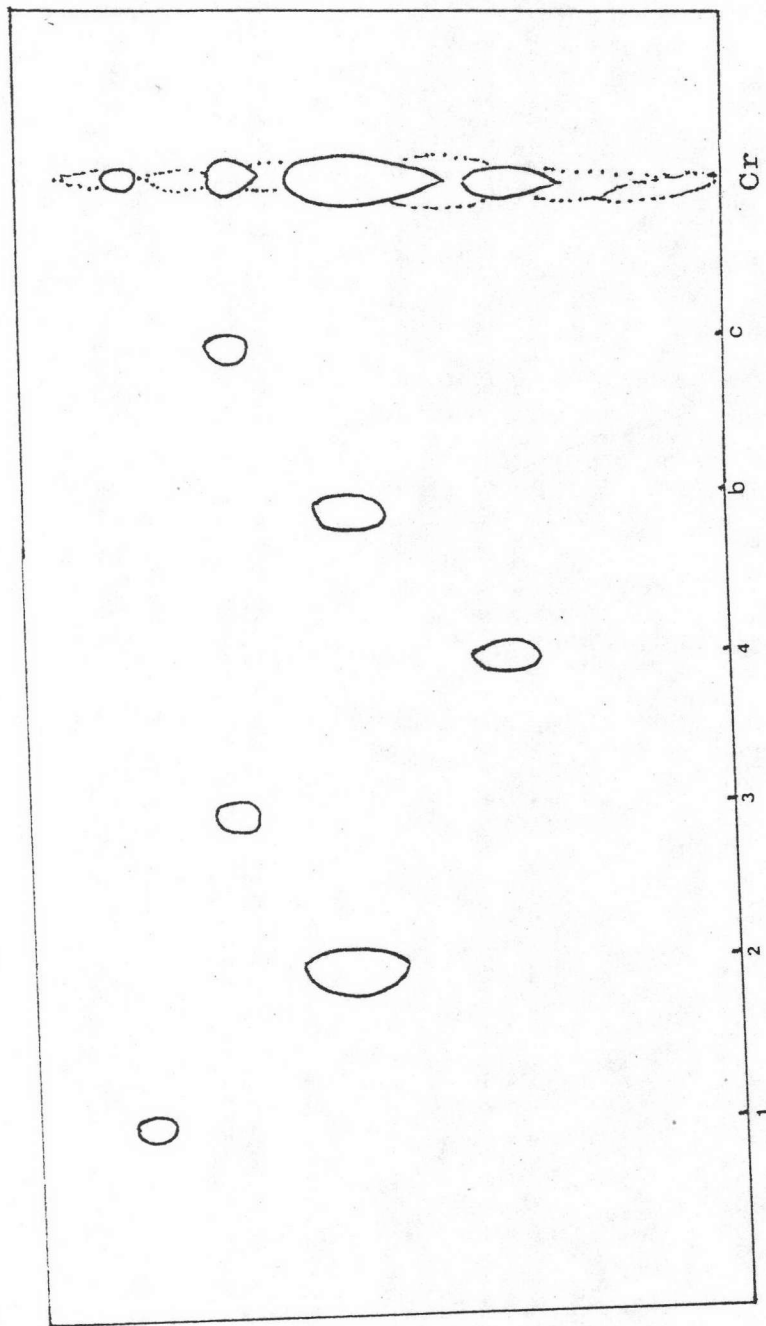


Figure 4 Thin layer chromatogram of the isolated alkaloids, Cf-1 to Cf-4

3) Chloroform : Acetone (6:4)

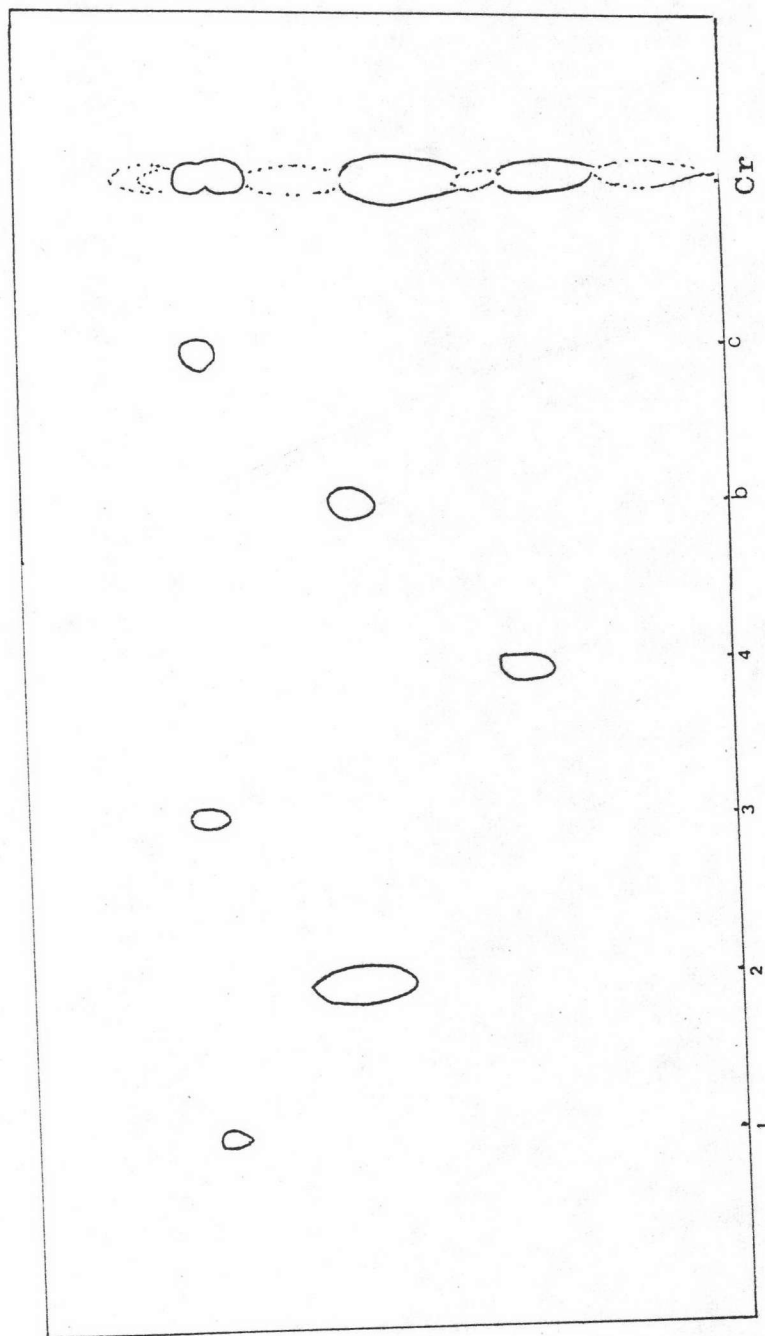


Figure 5 Thin layer chromatogram of the isolated alkaloids, Cf-1 to Cf-4

4) n-Hexane : Methanol (7:3)

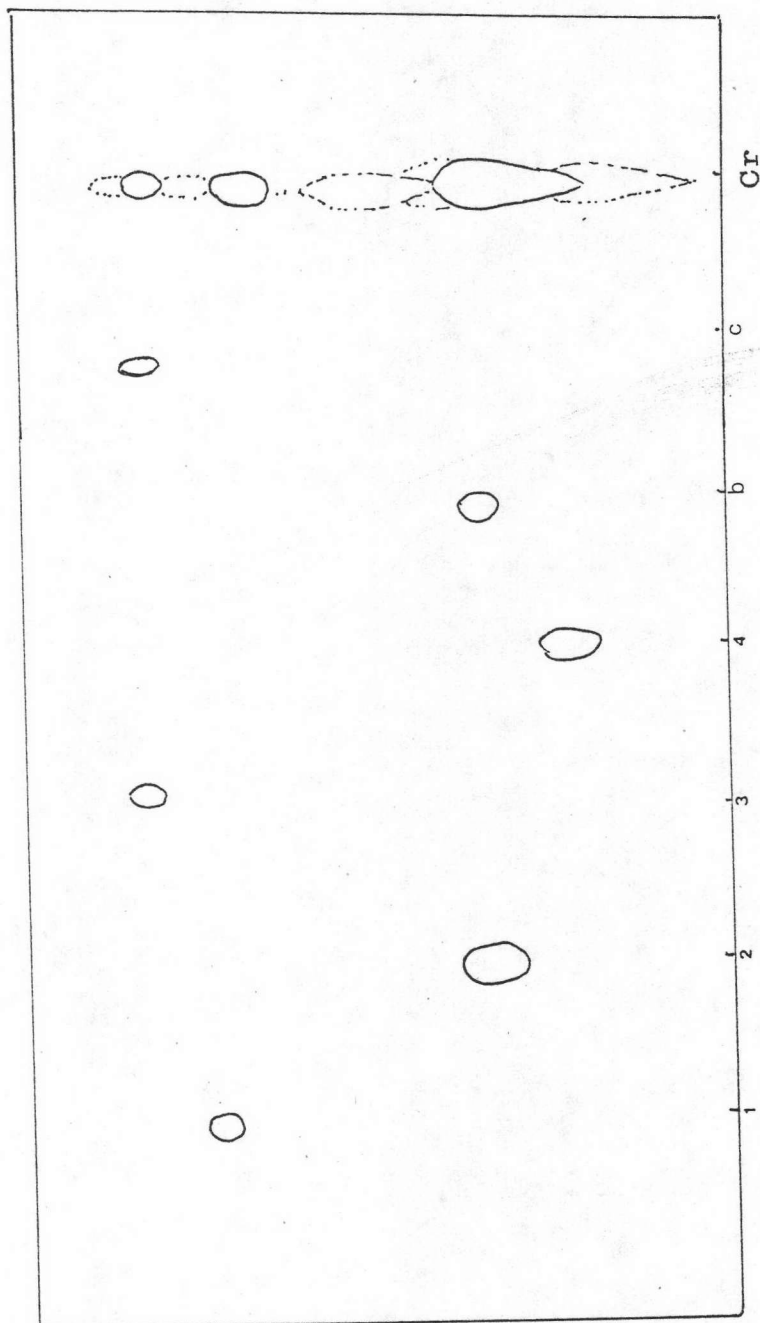


Figure 6 Thin layer chromatogram of the isolated alkaloids,

Cf-1 to Cf-4

5) Chloroform : Methanol : Acetone (5:3:2)

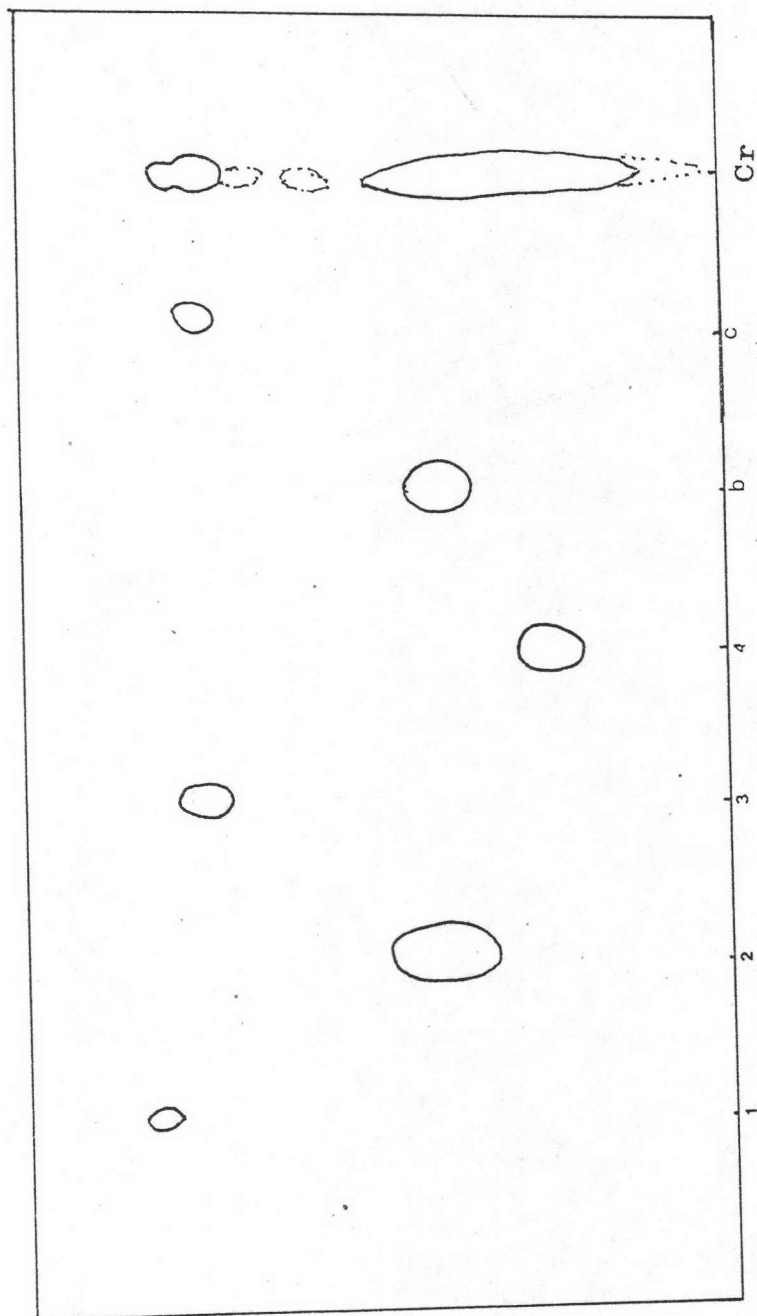


Figure 7 Thin layer chromatogram of the isolated alkaloids,
Cf-1 to Cf-4

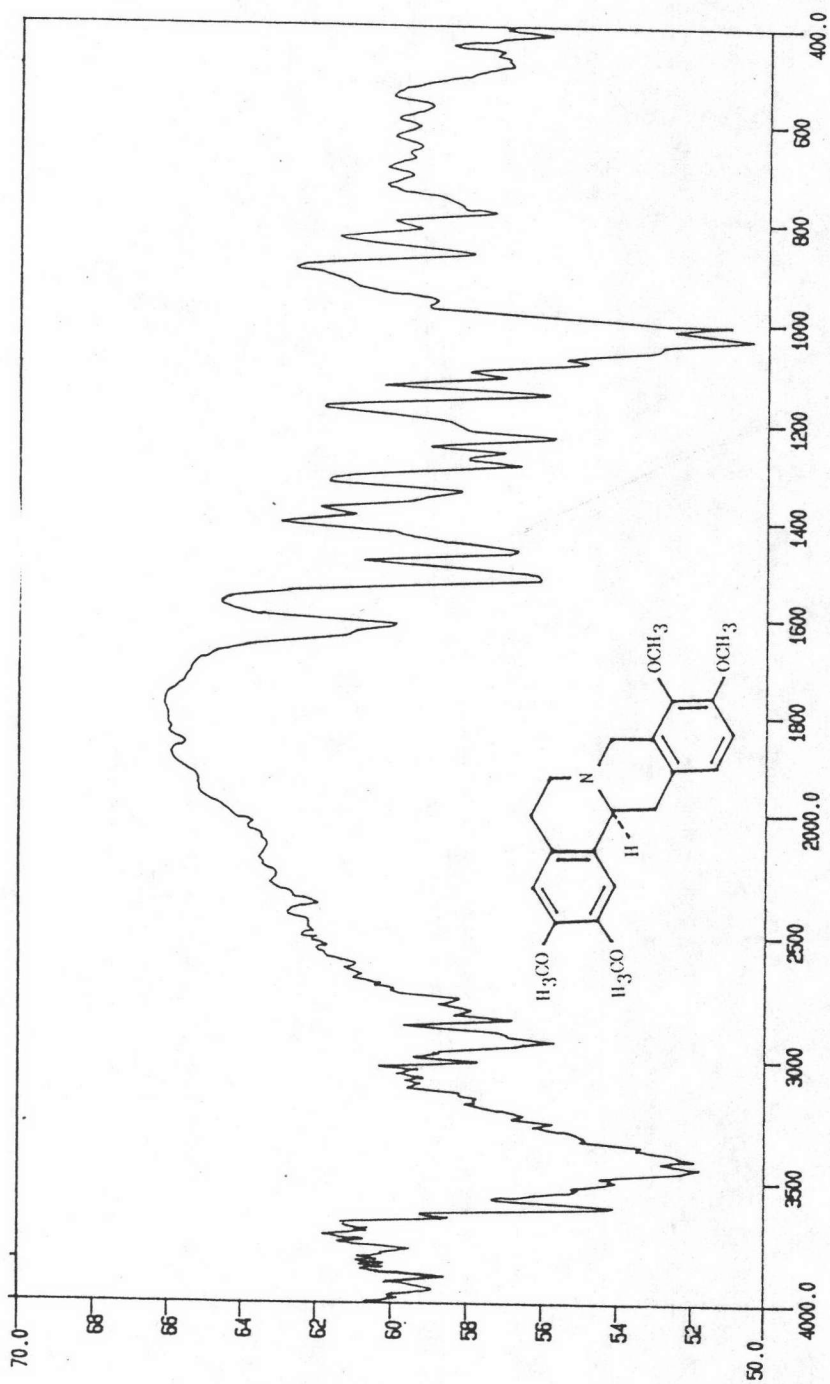


Figure 8 IR absorption spectrum of Cf-1 in KBr

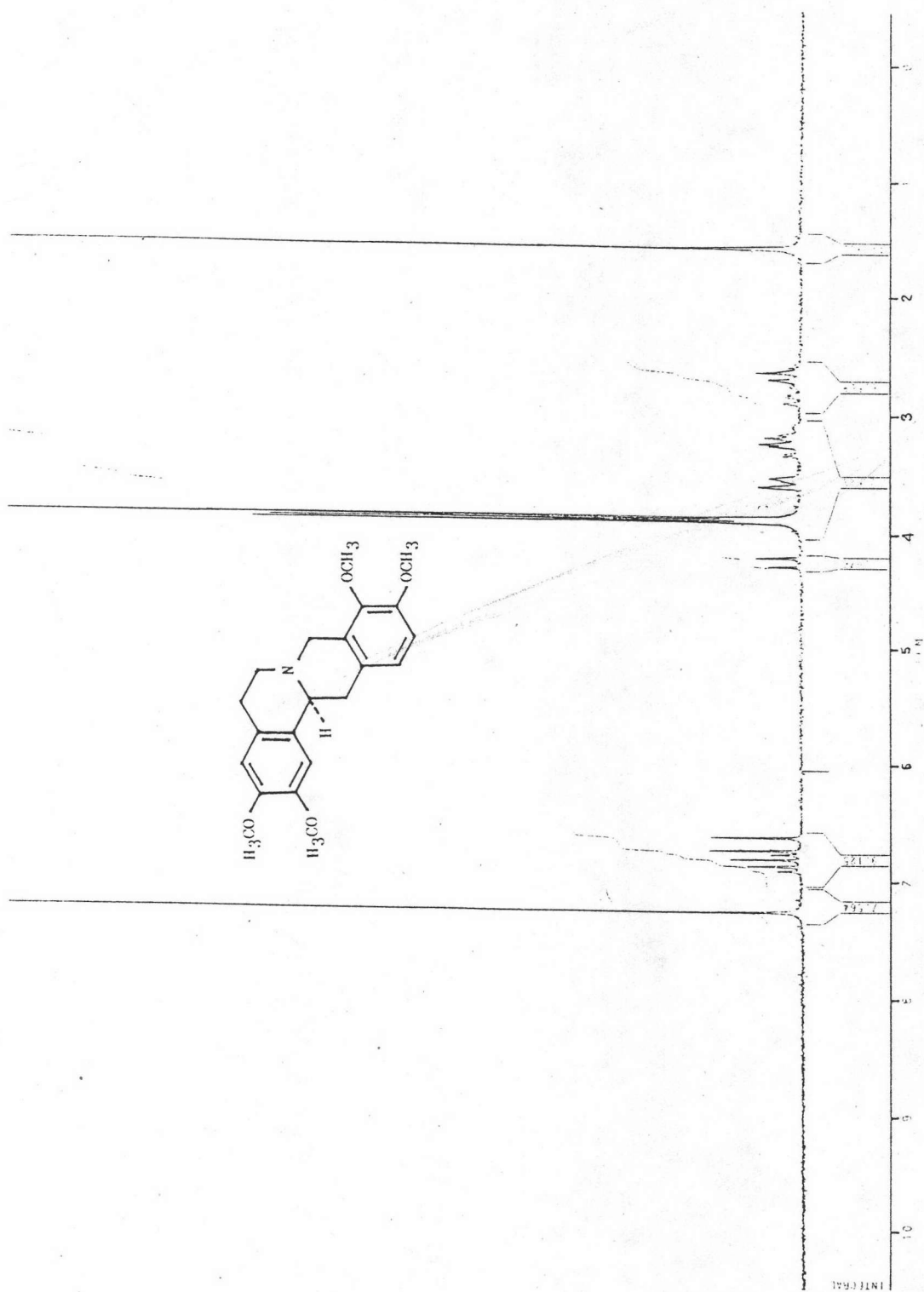


Figure 9 ^1H NMR spectrum of Cf-1 in CDCl_3

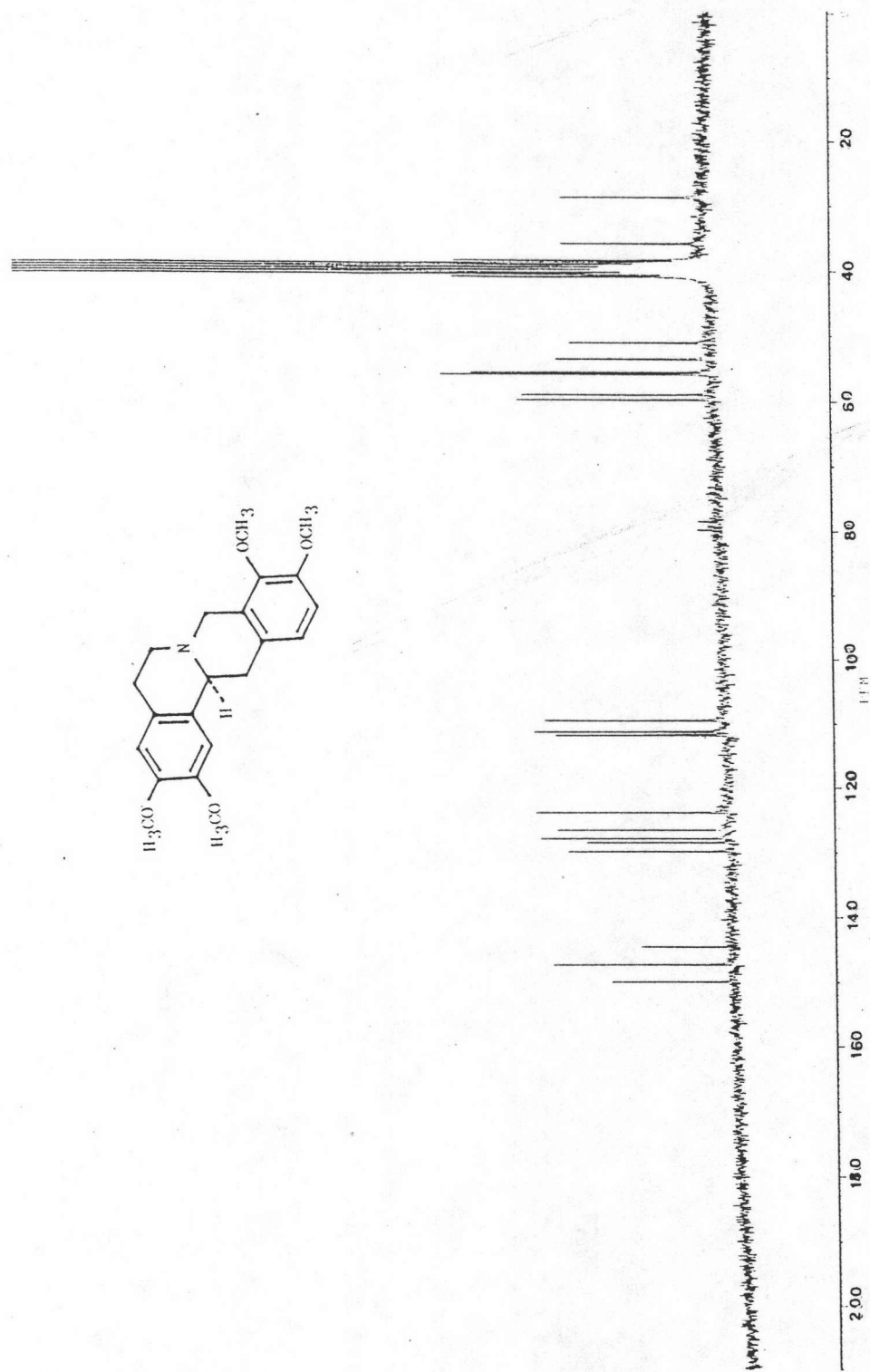


Figure 10 ^{13}C NMR spectrum of Cf-1 in CDCl_3

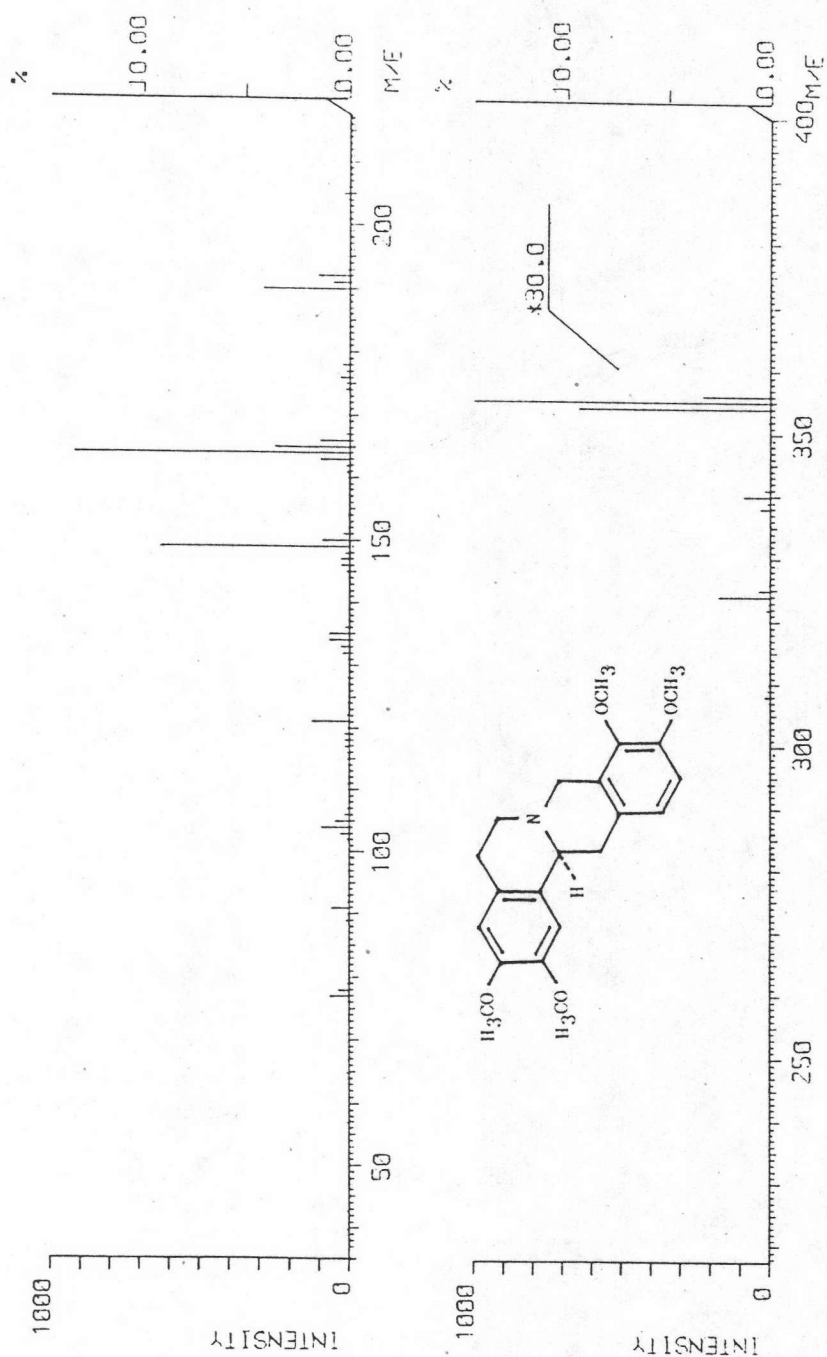
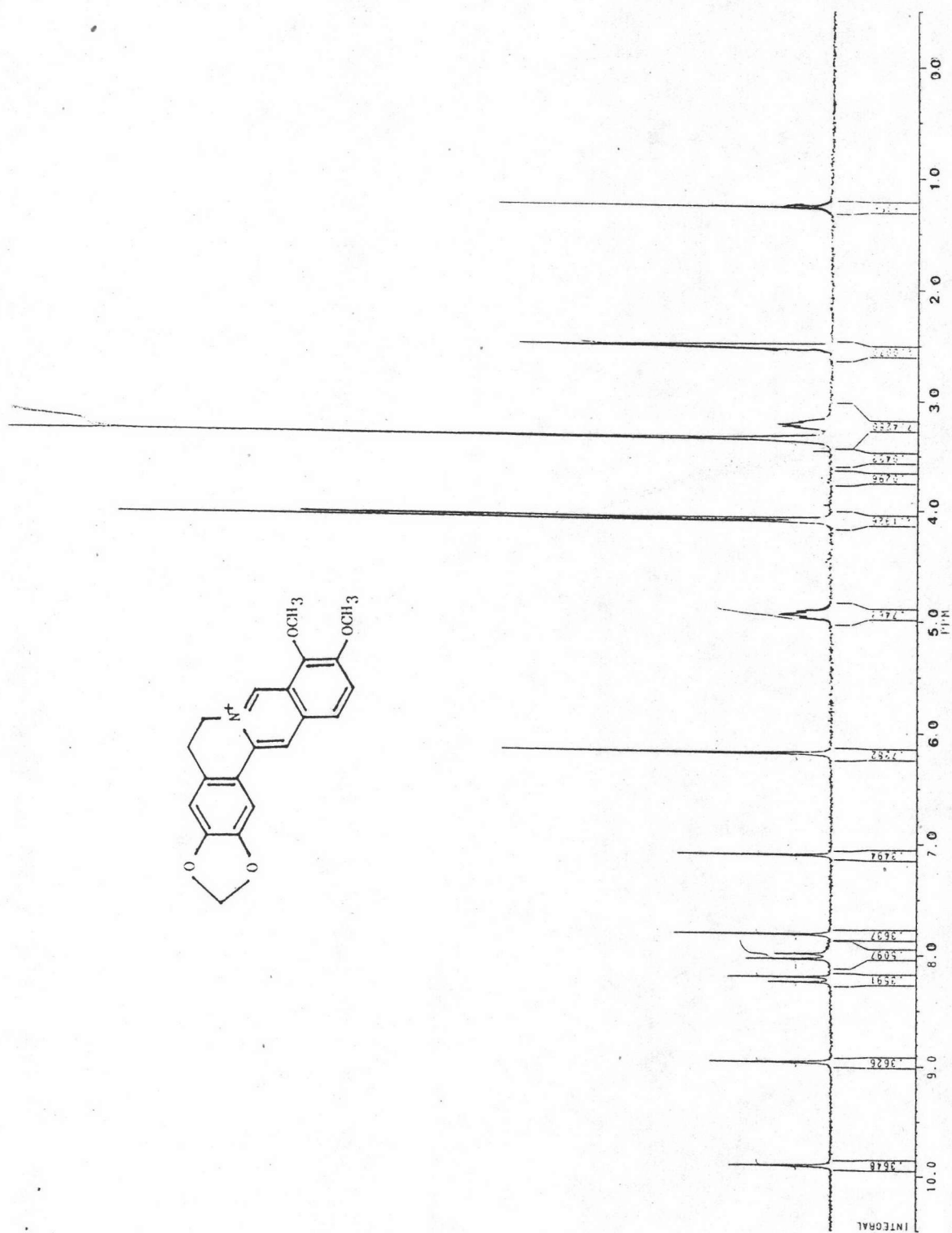


Figure 11 Mass spectrum of Cf-1

Figure 12 $^1\text{H-NMR}$ spectrum of Cf-2 in DMSO-d_6

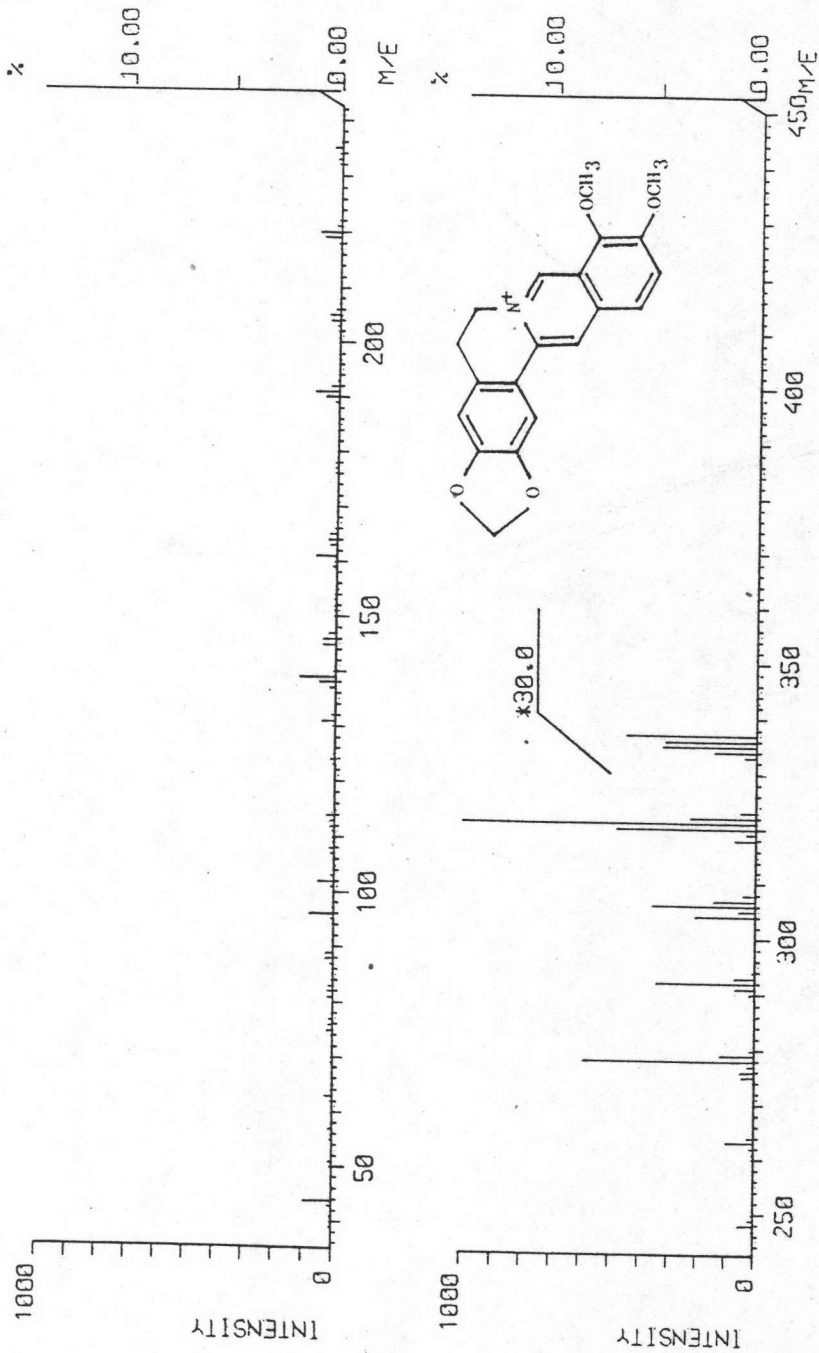


Figure 13 Mass spectrum of Cf-2

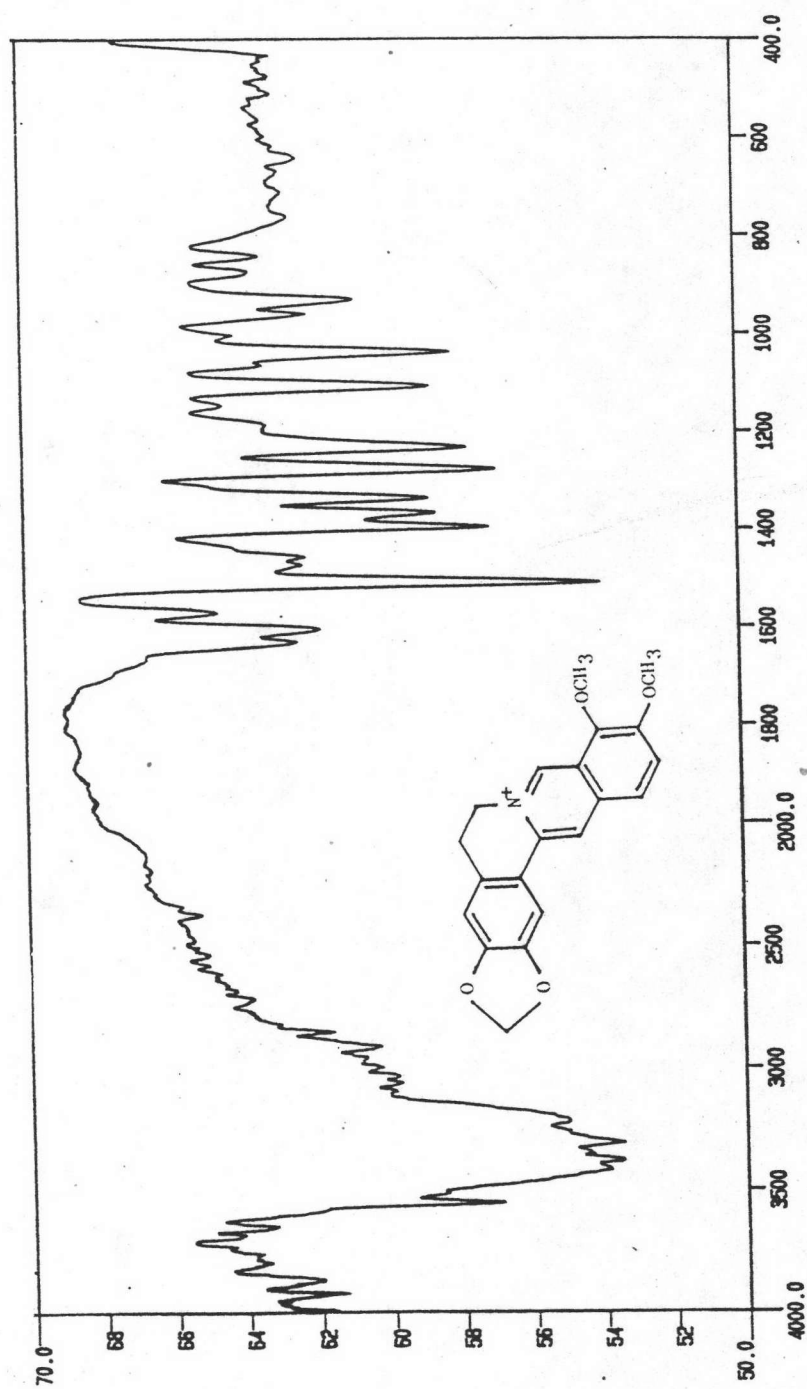


Figure 14 IR absorption spectrum of Cf-2 in KBr

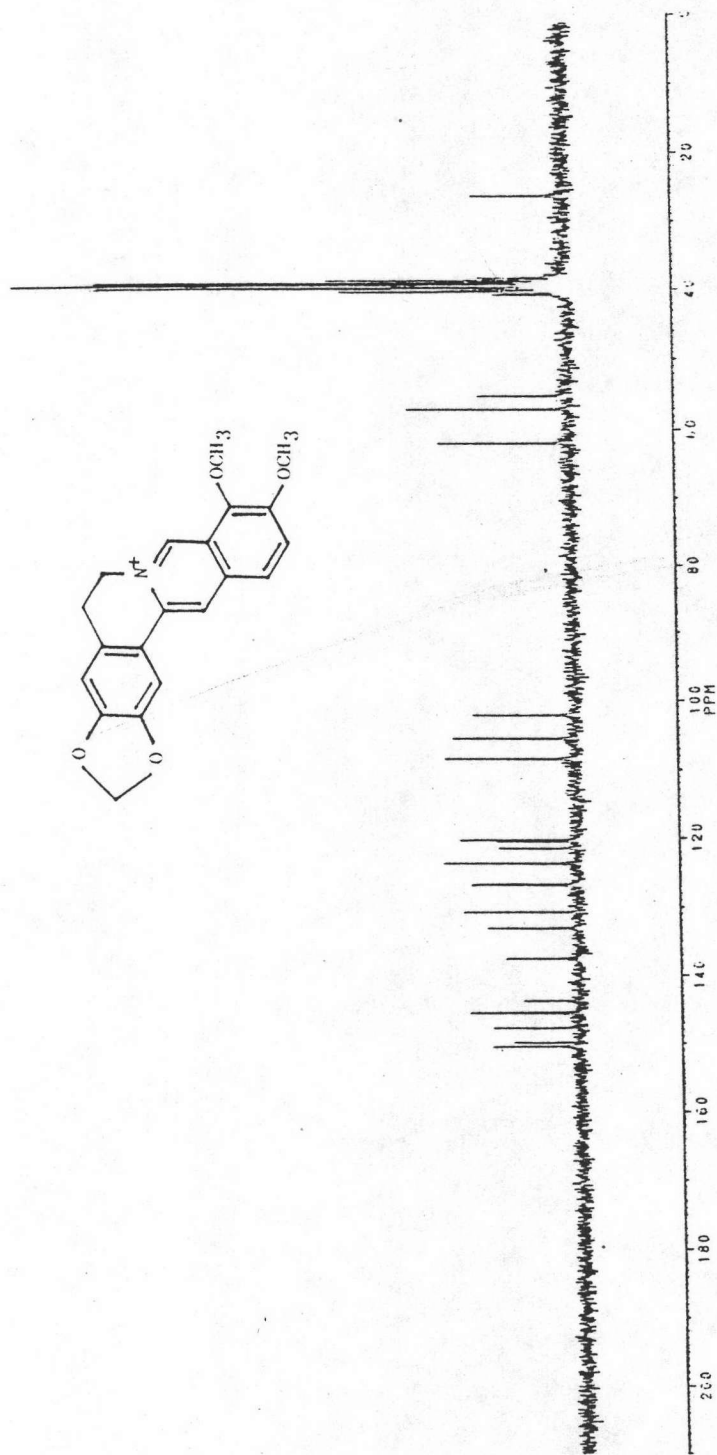


Figure 15 ^{13}C -NMR spectrum of Cf-2 in DMSO-d_6

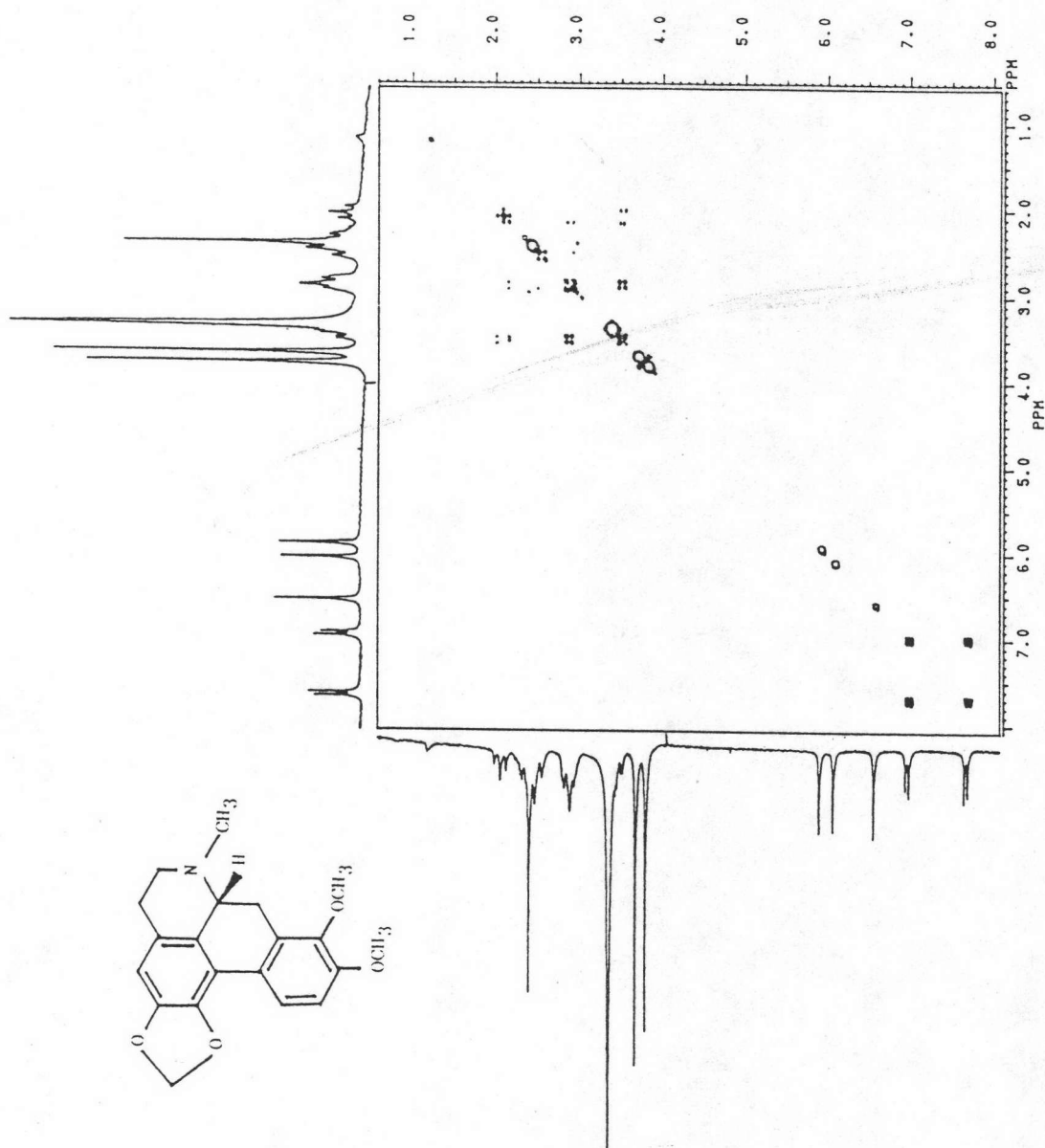


Figure 17 Two dimension ¹H-NMR spectrum (COSY) of Cf-3
in DMSO-d₆

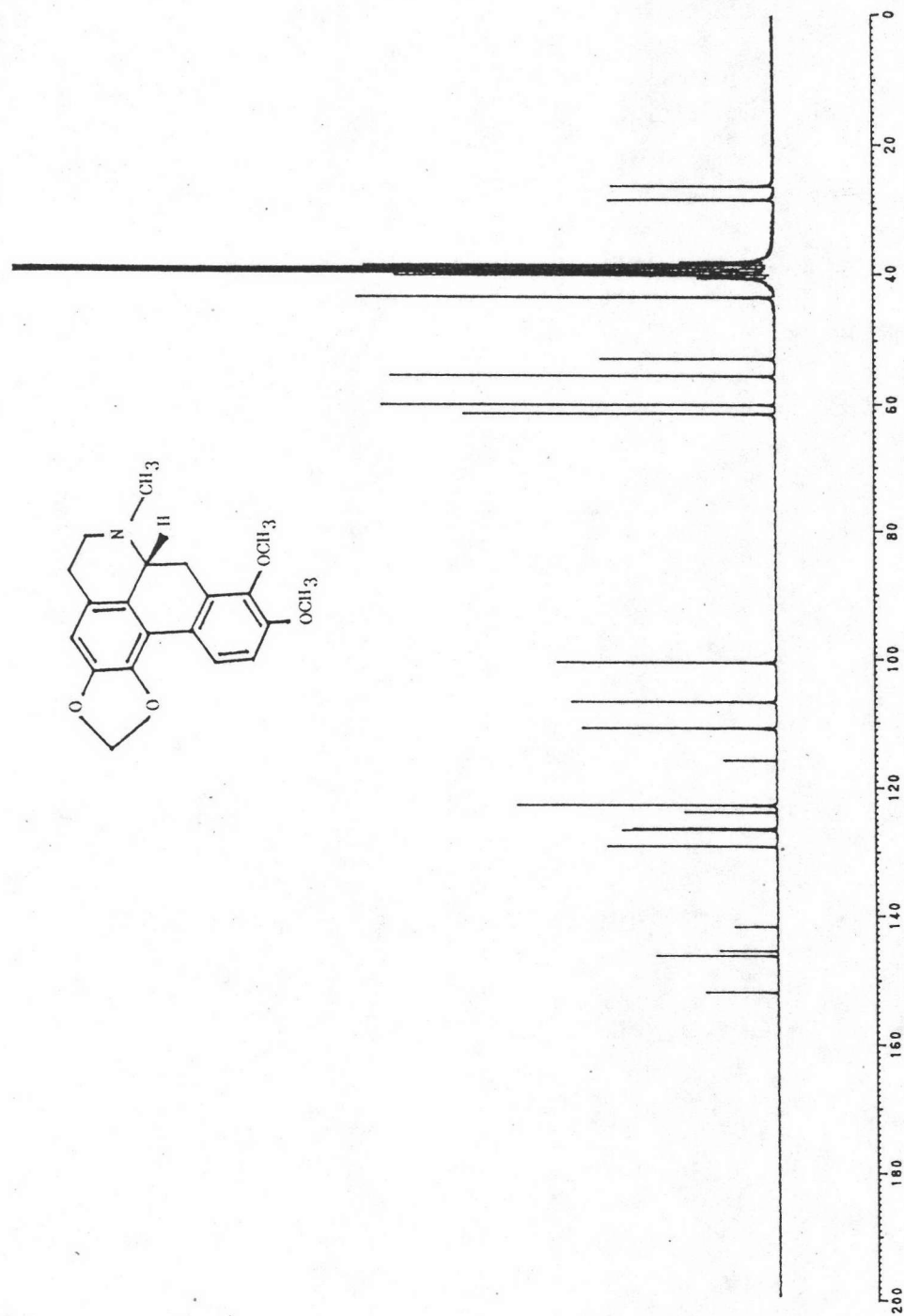


Figure 18 ^{13}C -NMR spectrum of Cf-3 in DMSO-d_6

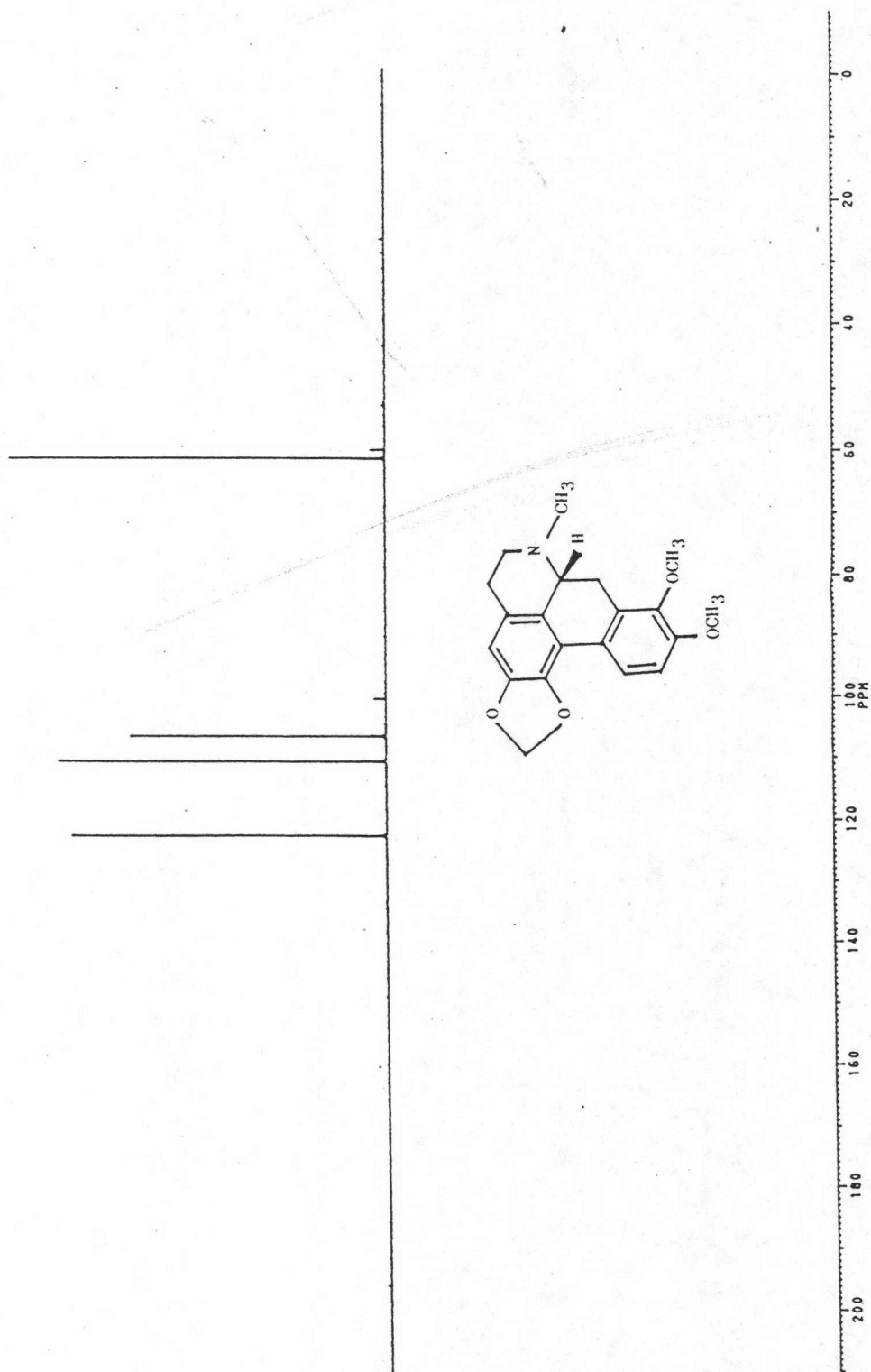


Figure 19 ^{13}C -NMR spectrum of Cf-3 (DEPT. 90) in DMSO-d_6

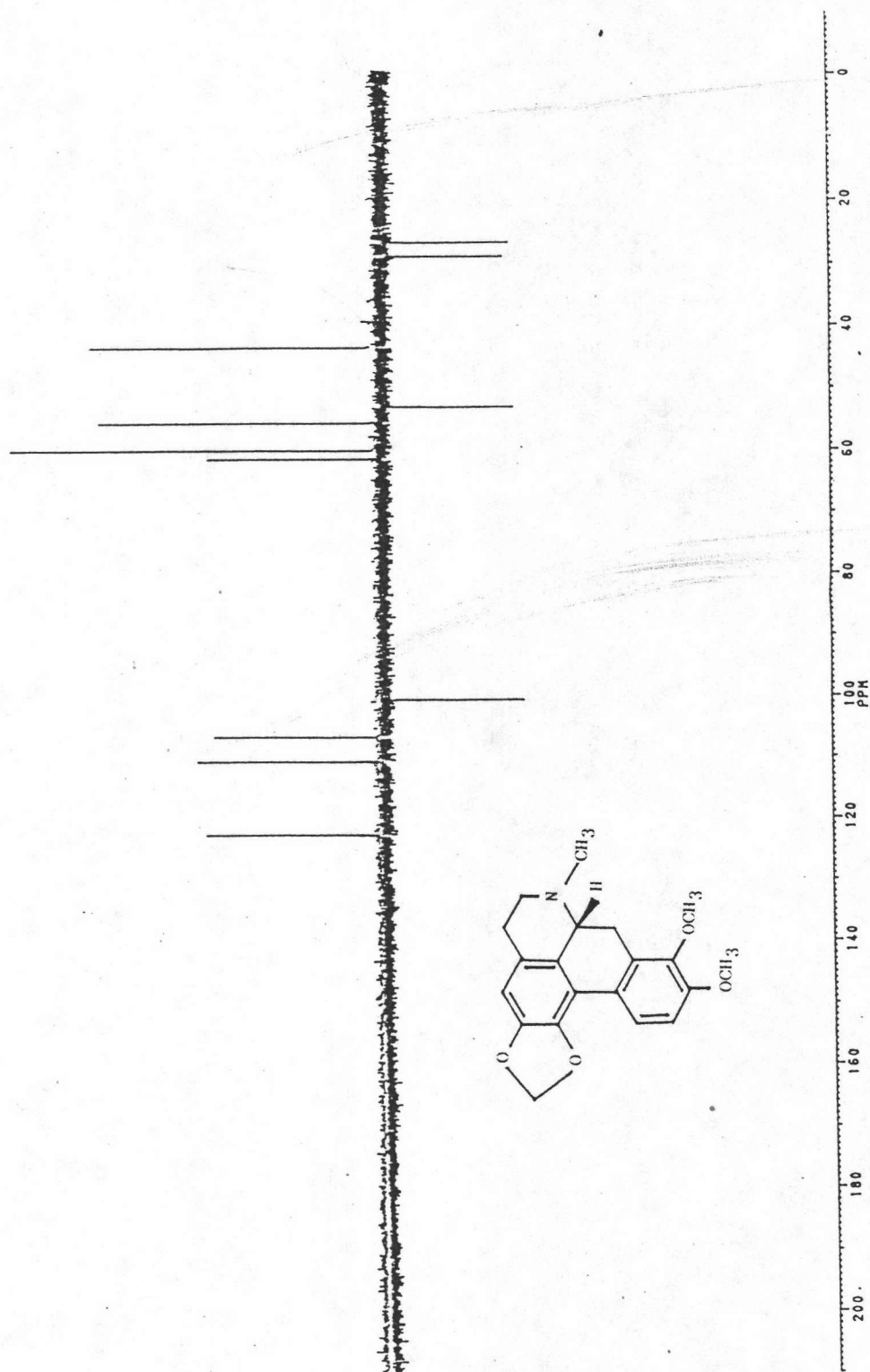


Figure 20 ^{13}C -NMR spectrum of Cf-3 (DEPT, 135) in DMSO-d_6

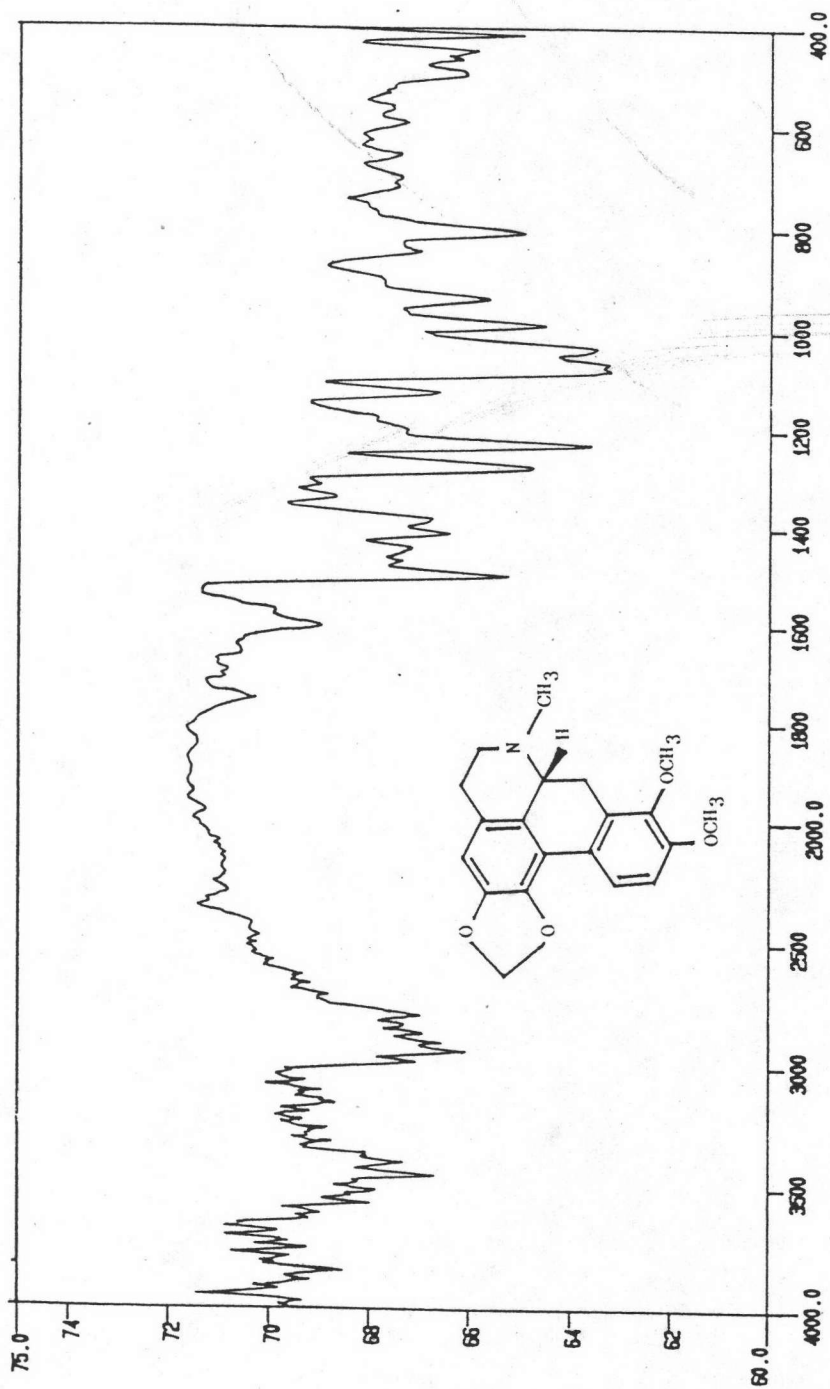


Figure 21 IR absorption spectrum of Cf-3 in KBr

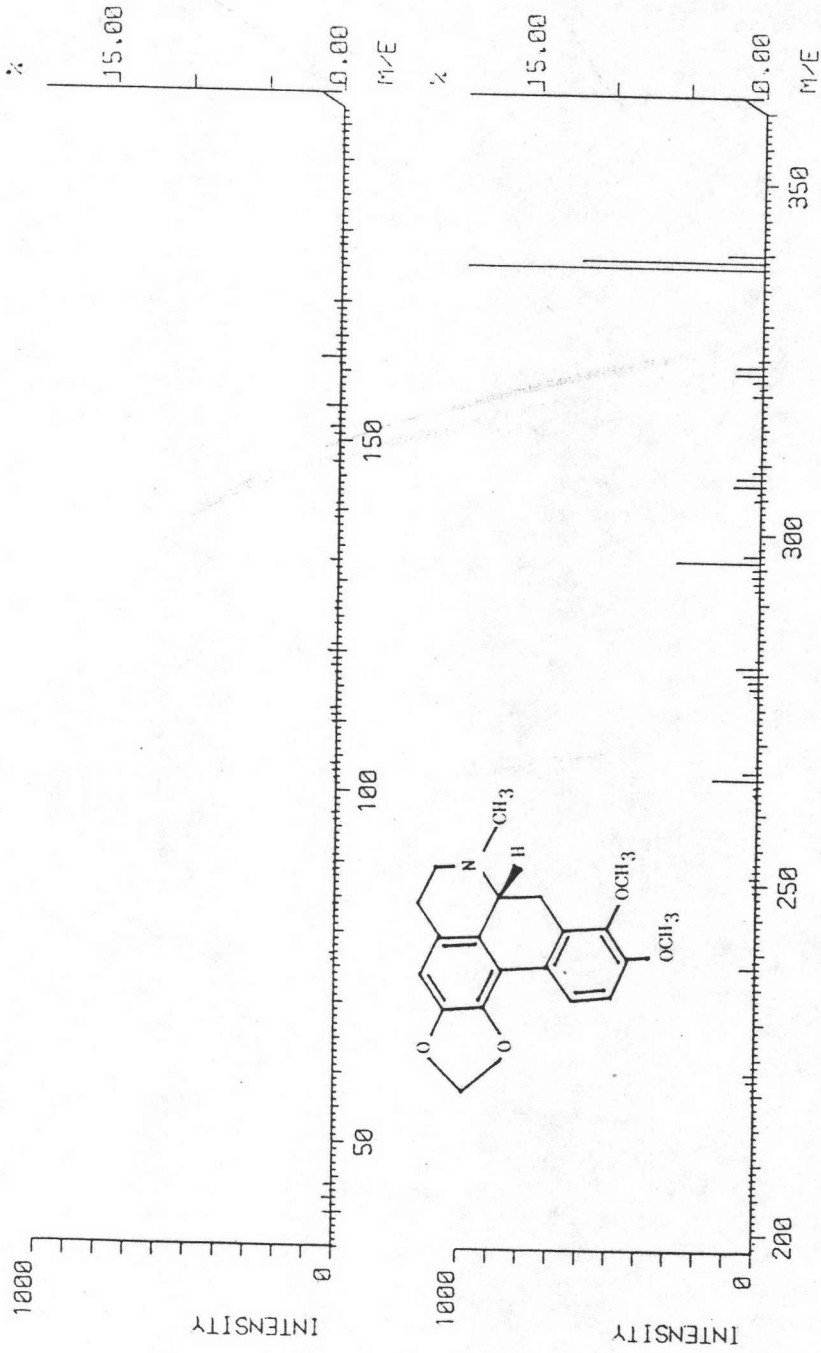


Figure 22 Mass spectrum of Cf-3

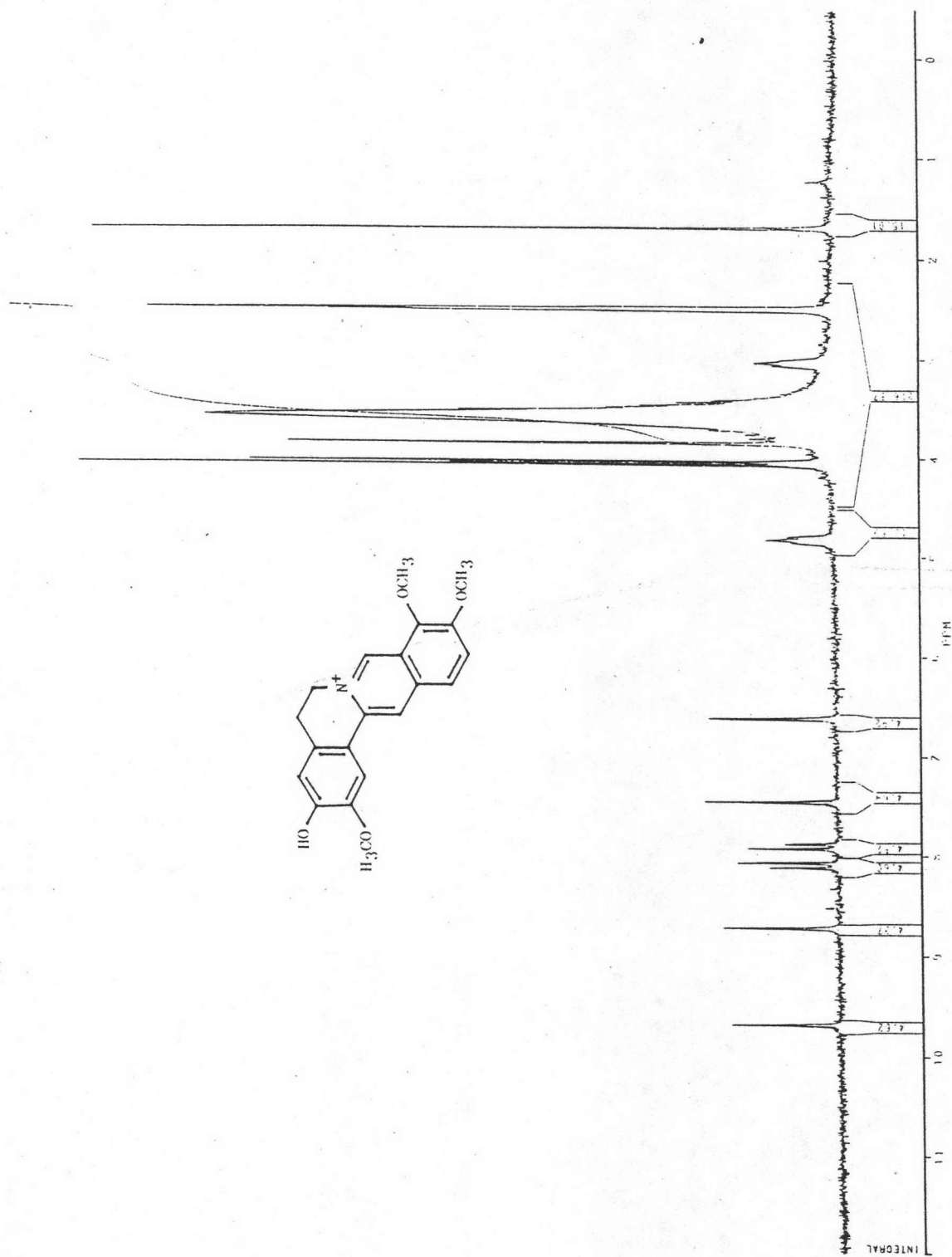


Figure 23 $^1\text{H-NMR}$ spectrum of Cf-4 in DMSO-d_6

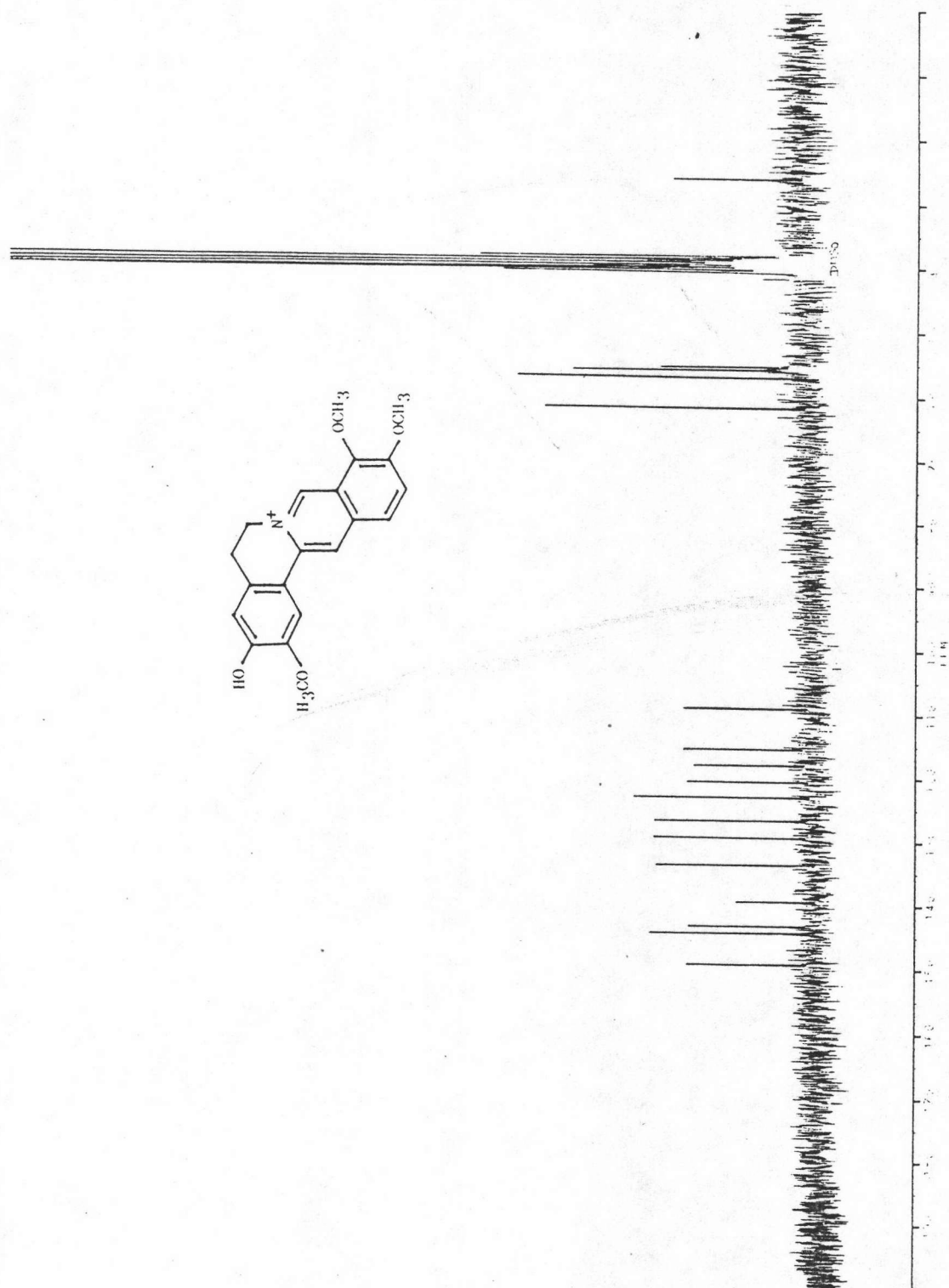


Figure 24 ¹³C-NMR spectrum of Cf-4 in DMSO-d₆

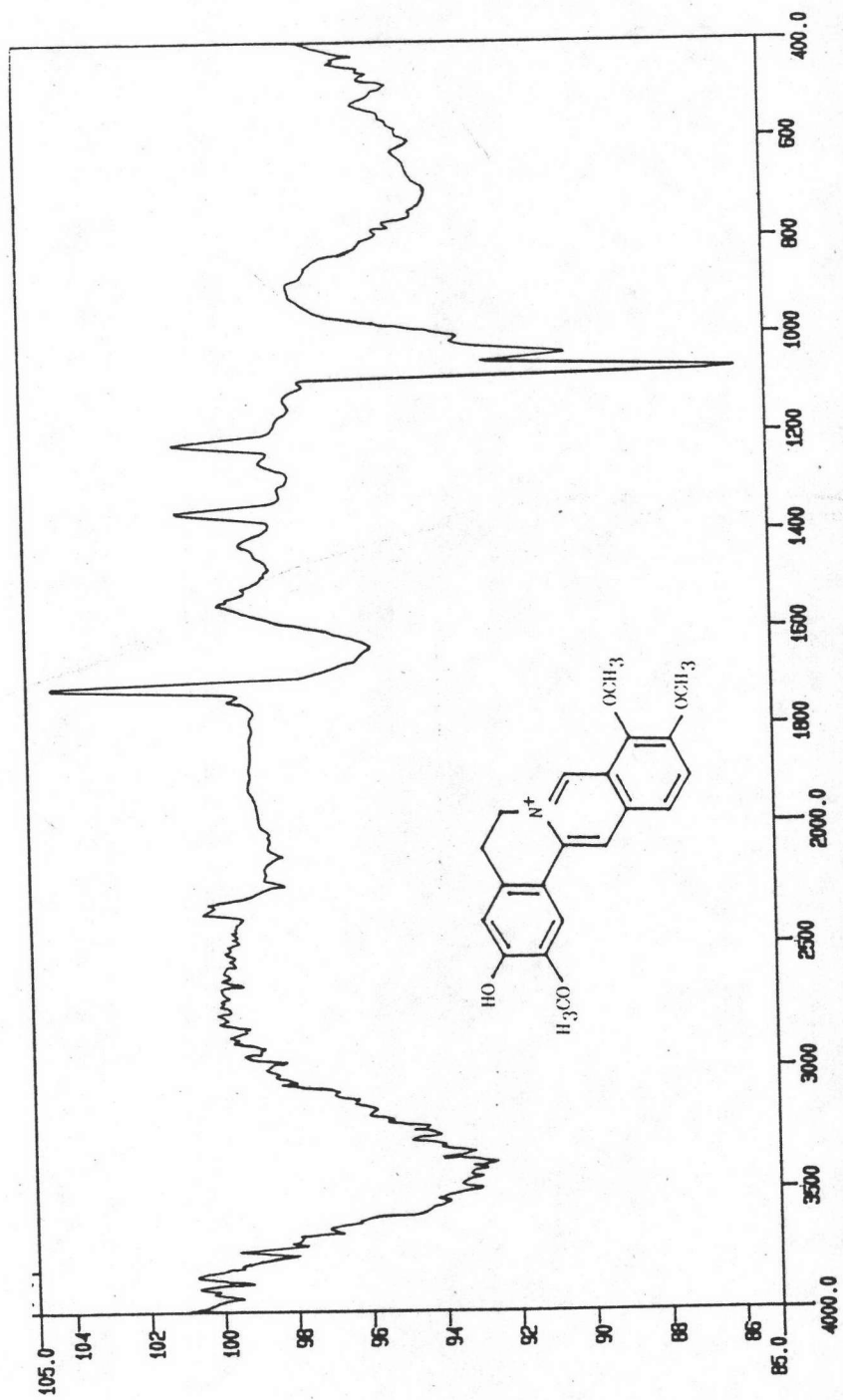


Figure 25 IR absorption spectrum of Cf-4 in KBr

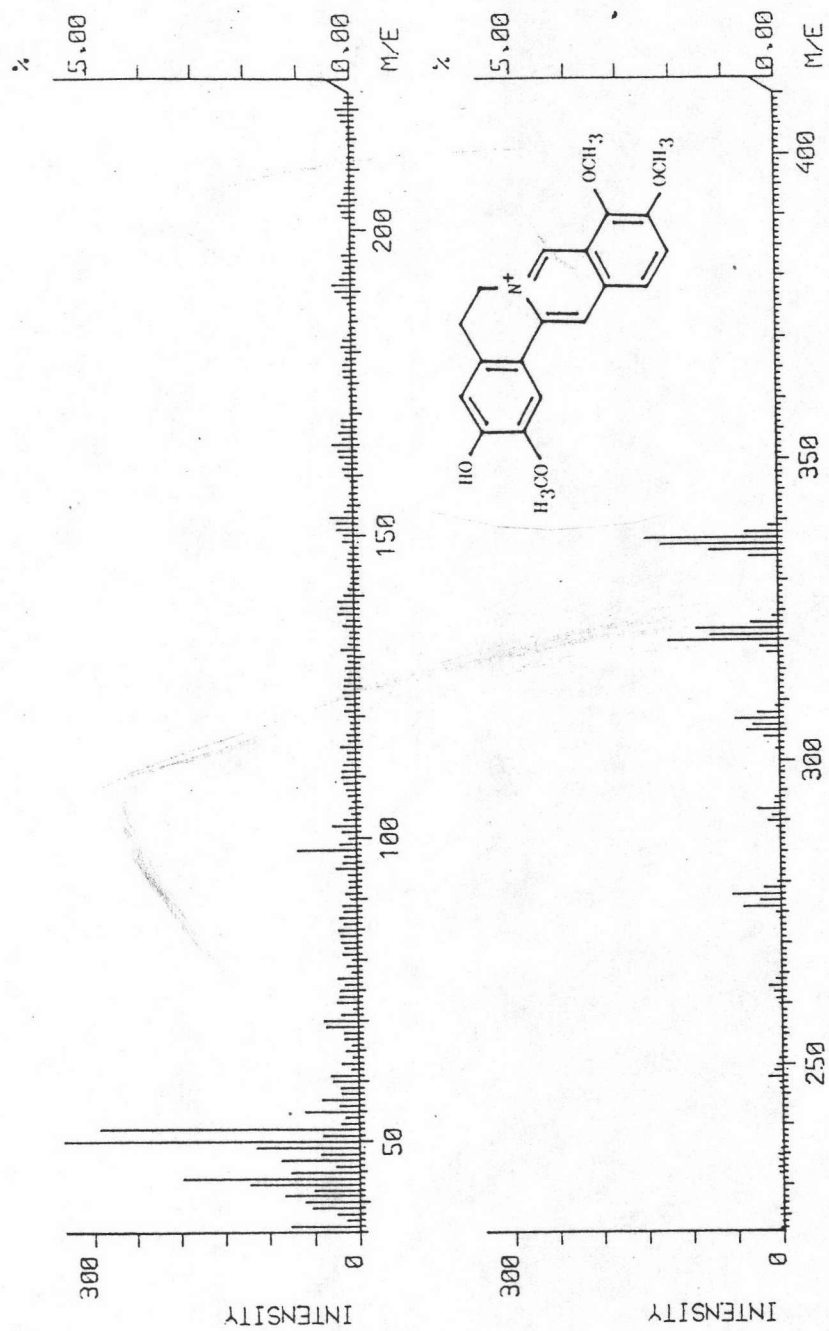


Figure 26 Mass spectrum of Cf-4

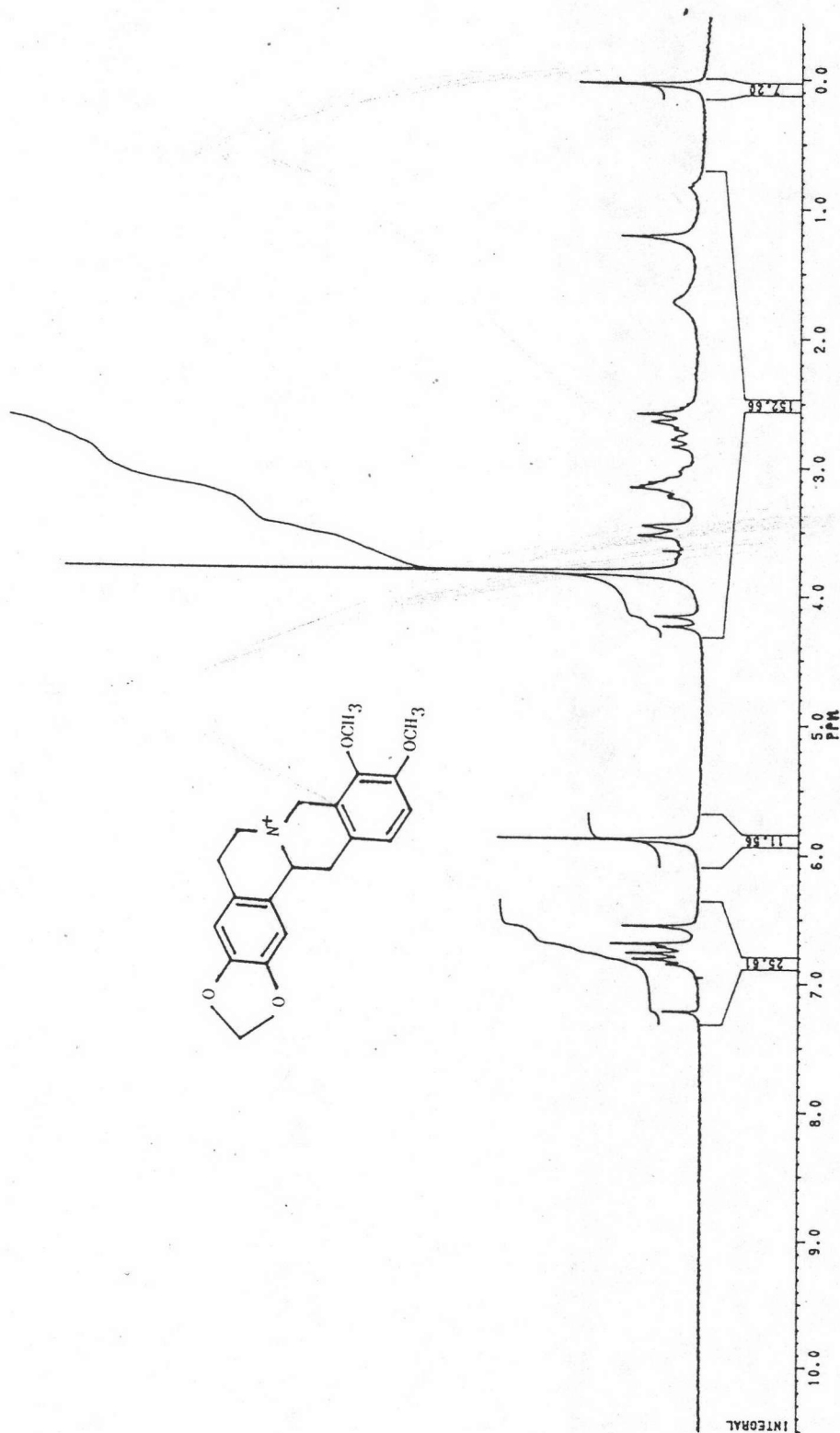


Figure 27 ¹H-NMR spectrum of reduced Cf-2 in DMSO-d₆

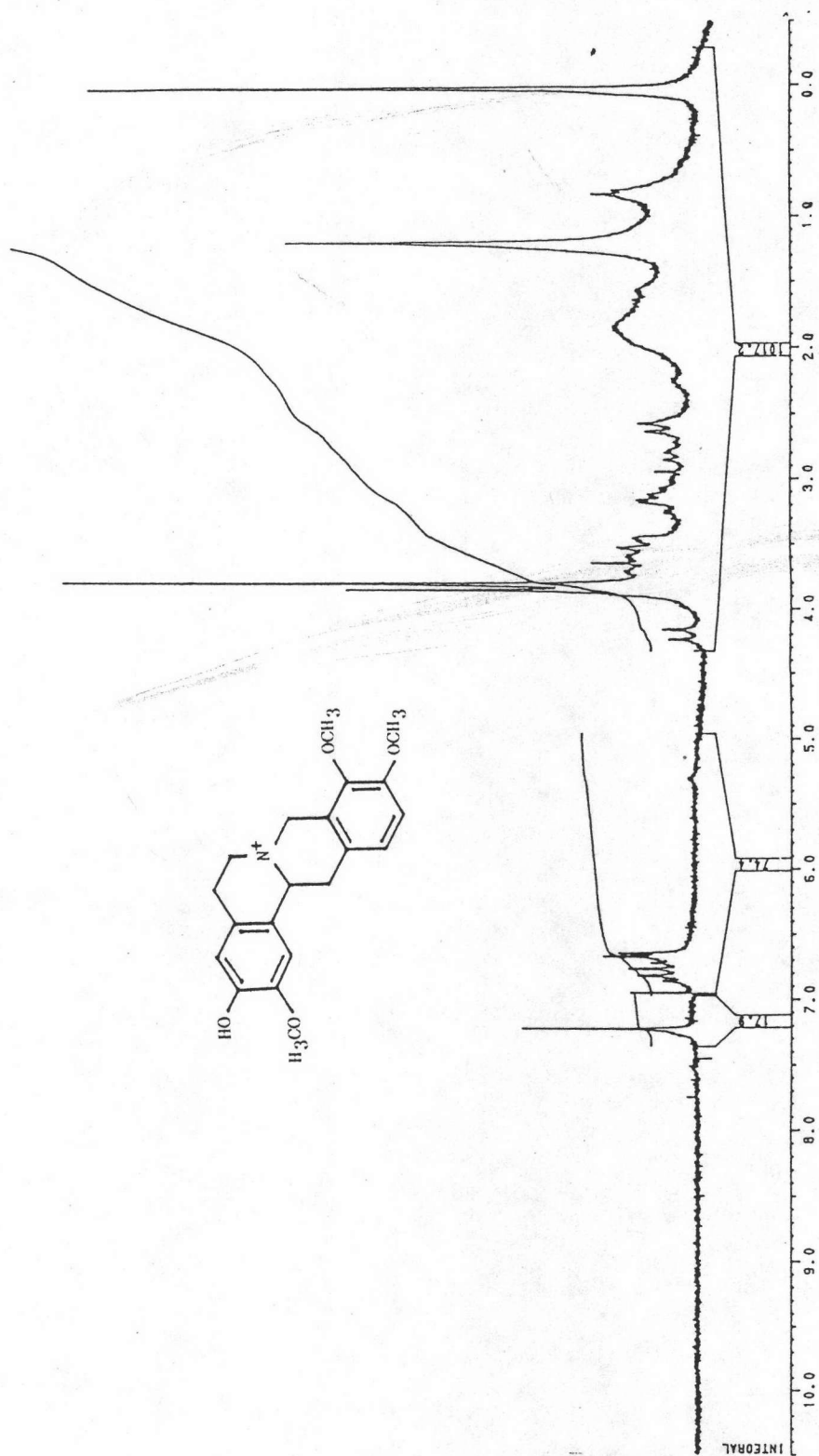


Figure 28 $^1\text{H-NMR}$ spectrum of reduced Cf-4 in DMSO-d_6

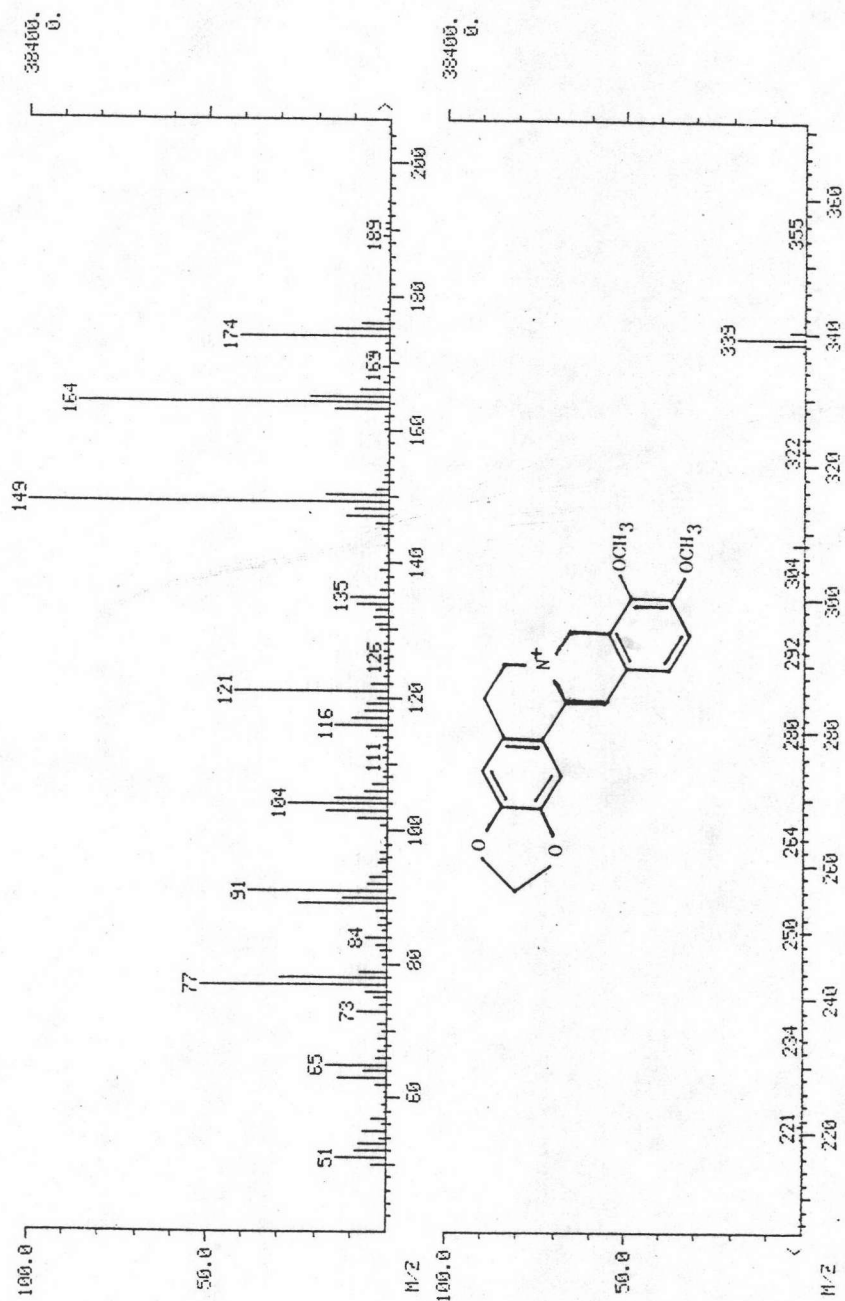


Figure 29 Mass spectrum of reduced Cf-2



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