

*Supporting Information***A New Cytotoxic Carbazole Alkaloid Isolated from the Stem Bark of Malaysian *Clausena Excavata***

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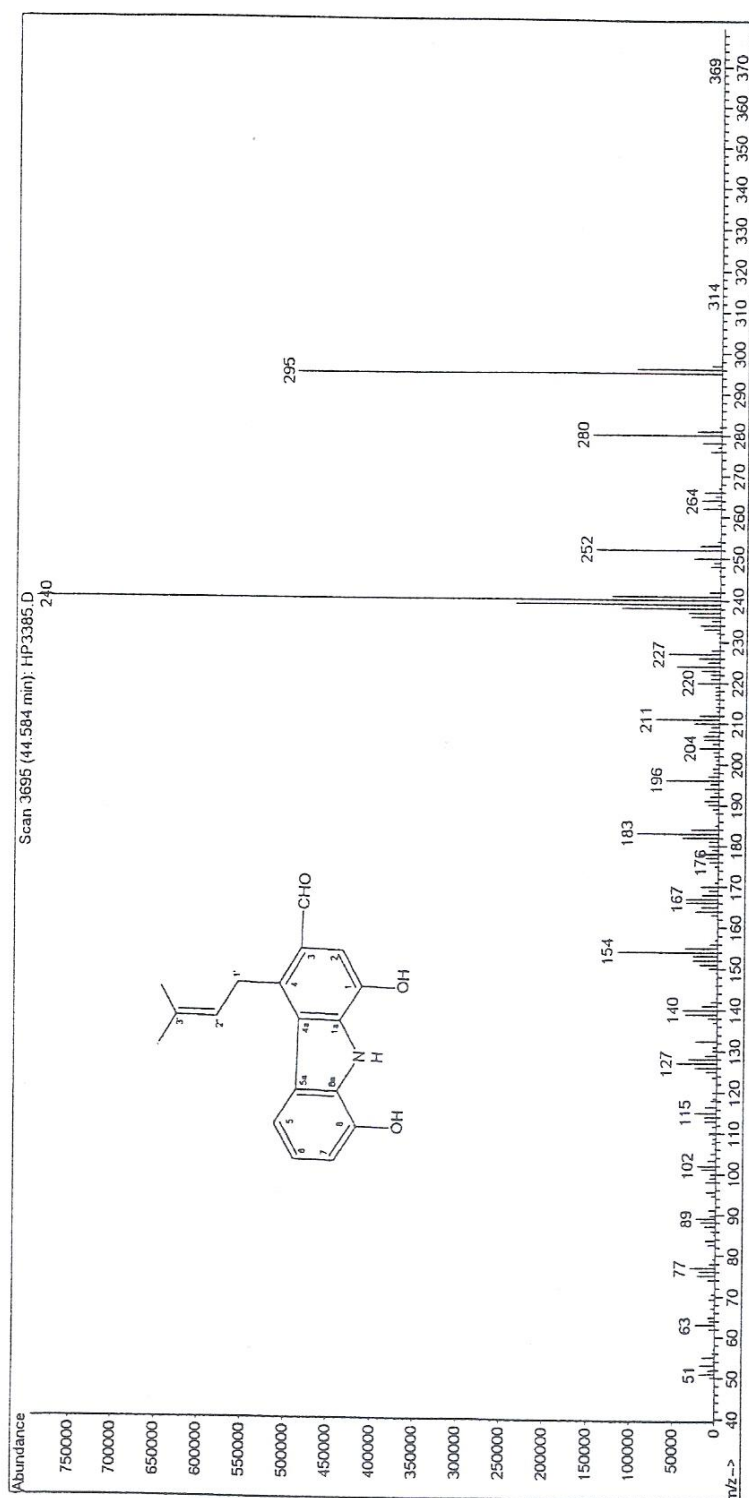


Fig. S0: Mass Spectrum of Clausine-TH

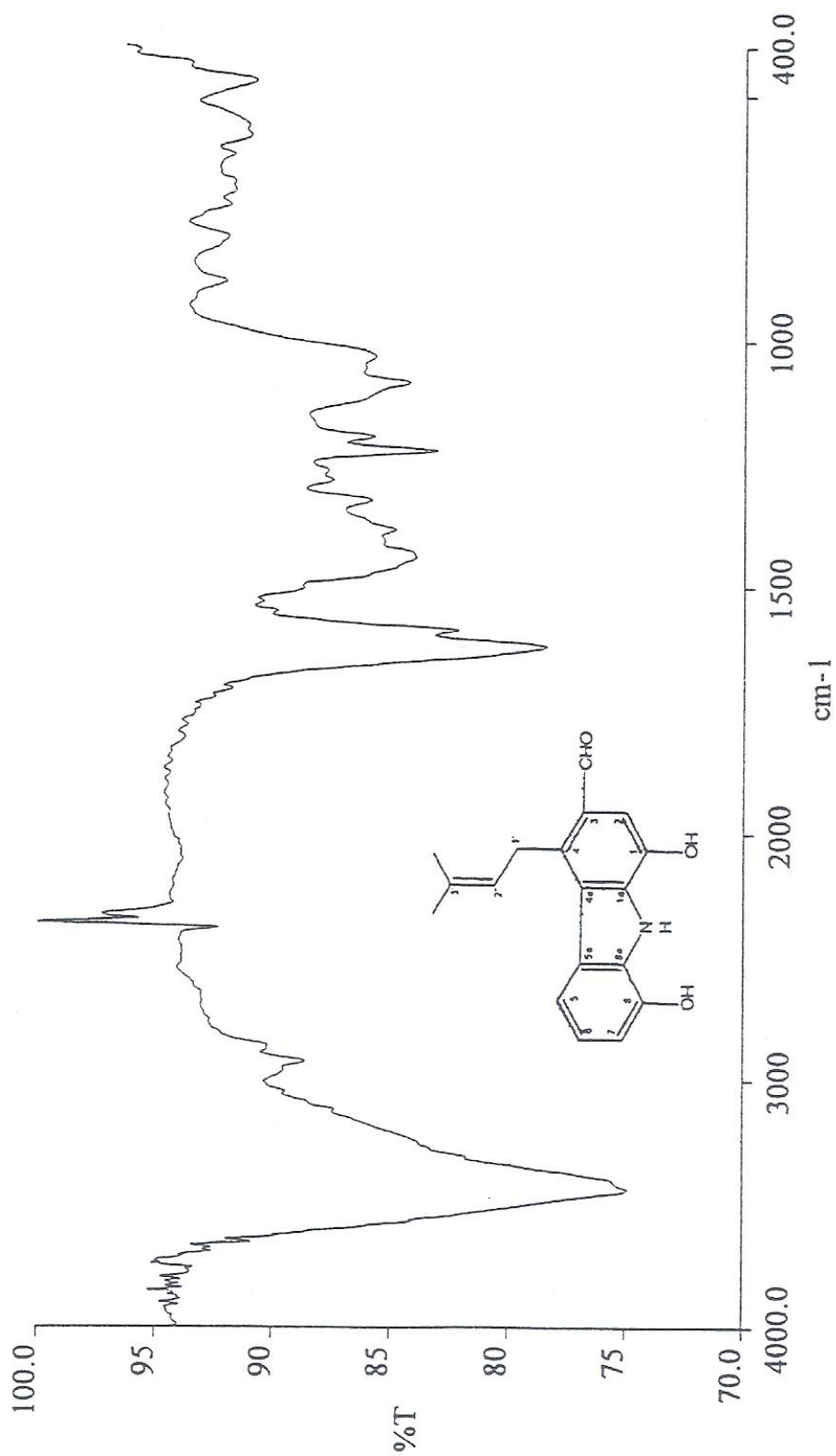


Fig. S1: IR Spectrum of Clausine-TH

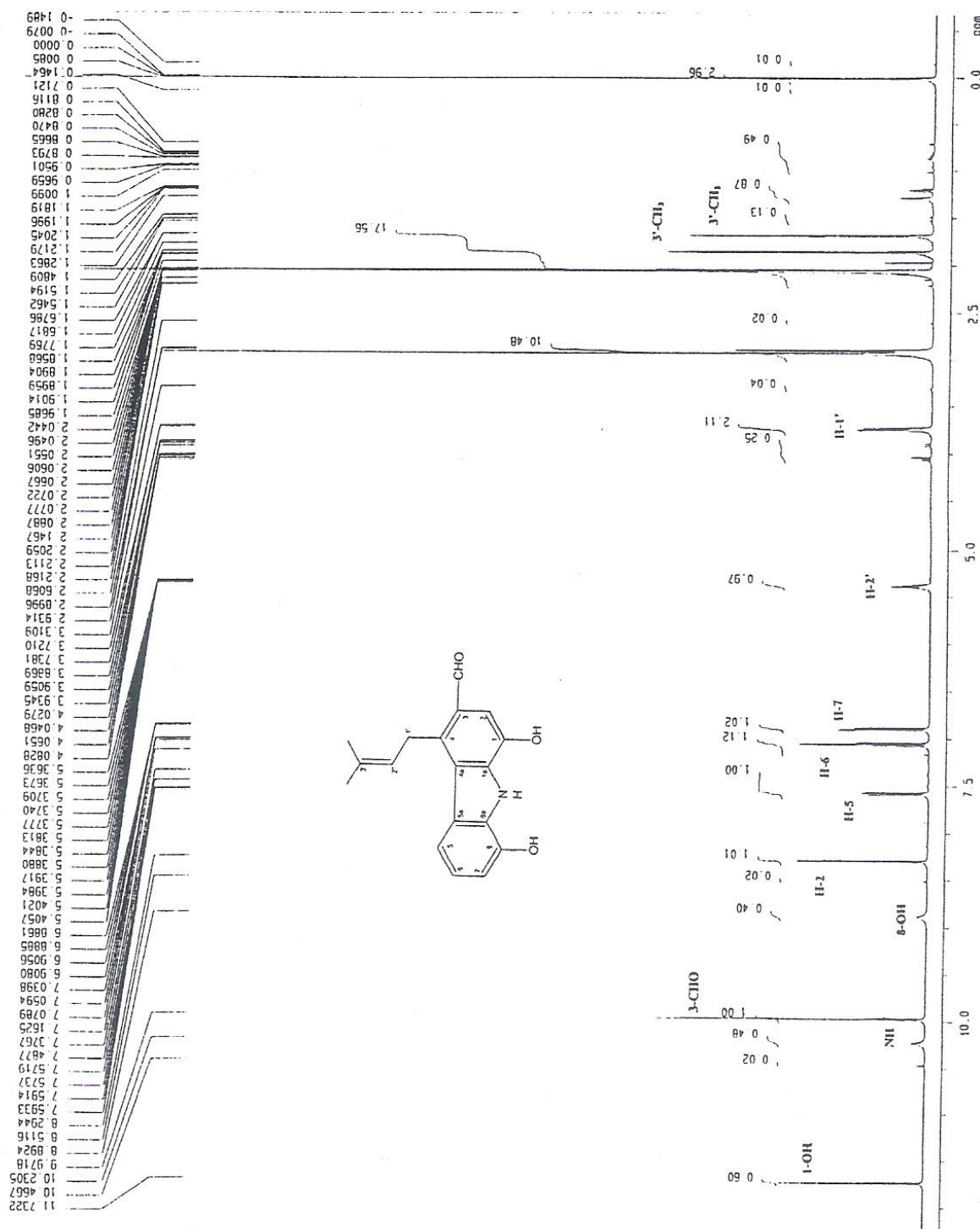
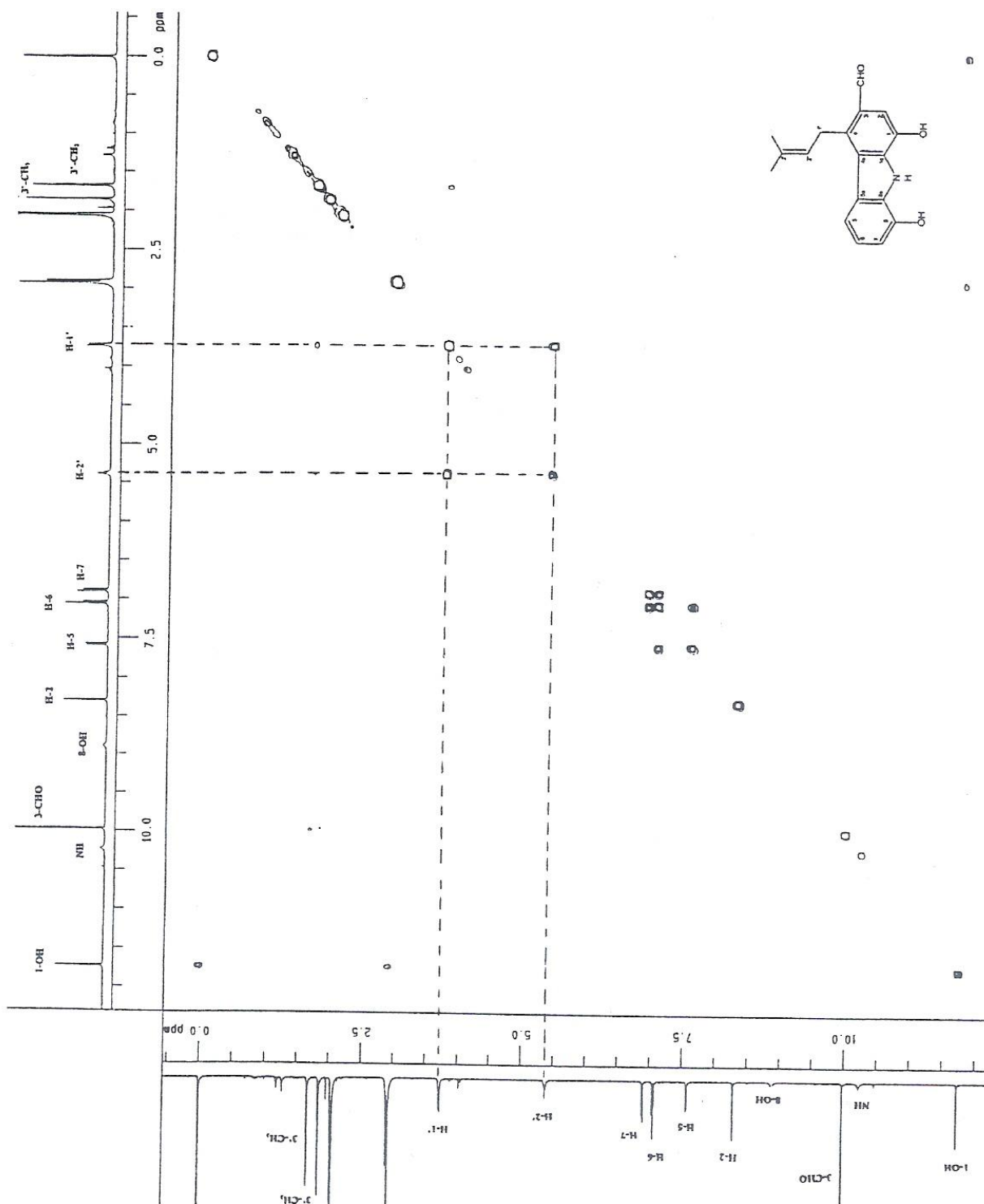


Fig. S2: ^1H -NMR Spectrum of Clausine-THFig. S3: ^1H - ^1H COSY Spectrum of Clausine-TH

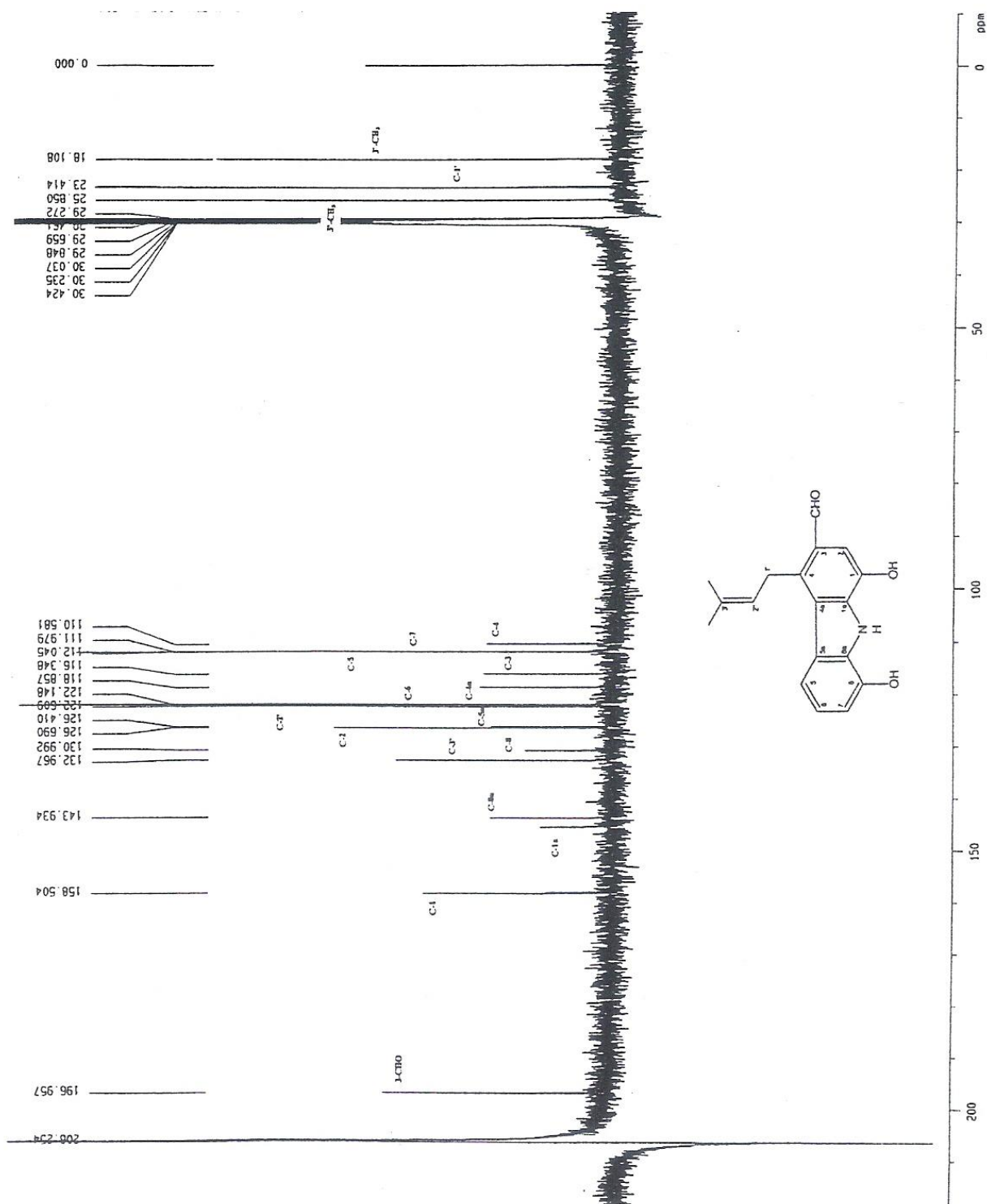
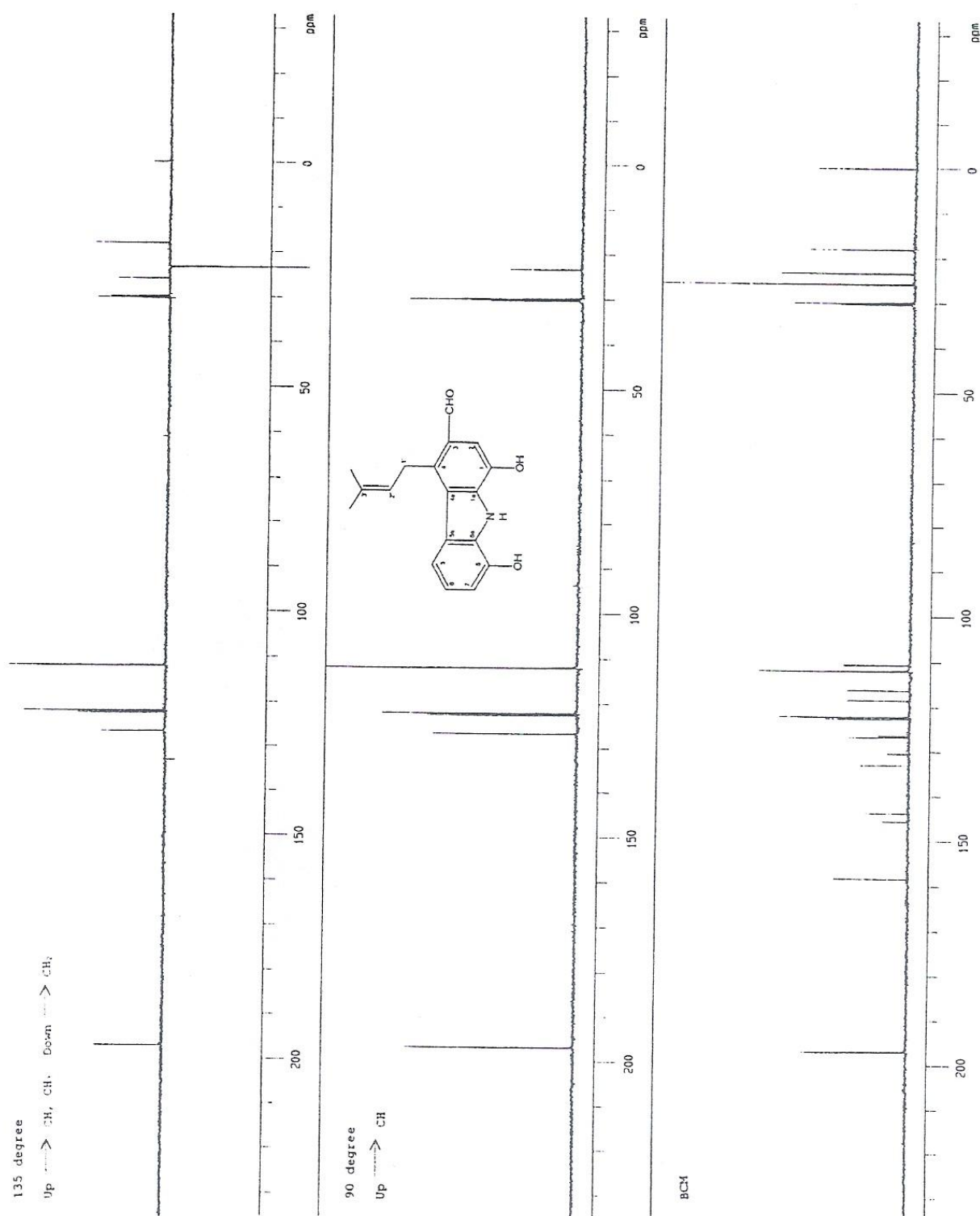


Fig. S4: ^{13}C -NMR Spectrum of Clausine-TH

Chemical structure of 2,6-dihydroxy-3-(3-methyl-2-oxoprop-1-en-1-yl)benzimidazole:

CC(=O)C=Cc1c(O)c(O)c2c(c1)ncc2

The NMR spectrum displays the following peaks and assignments:

- 1-OH: ~10.5 ppm (broad singlet)
- NH: ~10.0 ppm (broad singlet)
- H-2: ~8.2 ppm (singlet)
- H-3: ~7.8 ppm (singlet)
- H-4: ~7.5 ppm (singlet)
- H-5: ~7.2 ppm (singlet)
- H-6: ~7.0 ppm (singlet)
- H-7: ~6.8 ppm (singlet)
- H-1': ~2.8 ppm (singlet)
- H-2': ~2.5 ppm (singlet)
- 3-CH₃: ~1.2 ppm (singlet)

Fig. S6: ^1H - ^{13}C HETCOR Spectrum of Clausine-TH

