Supporting Information of Compound 3

MS and NMR Data of Compound 3 (unpublished results)

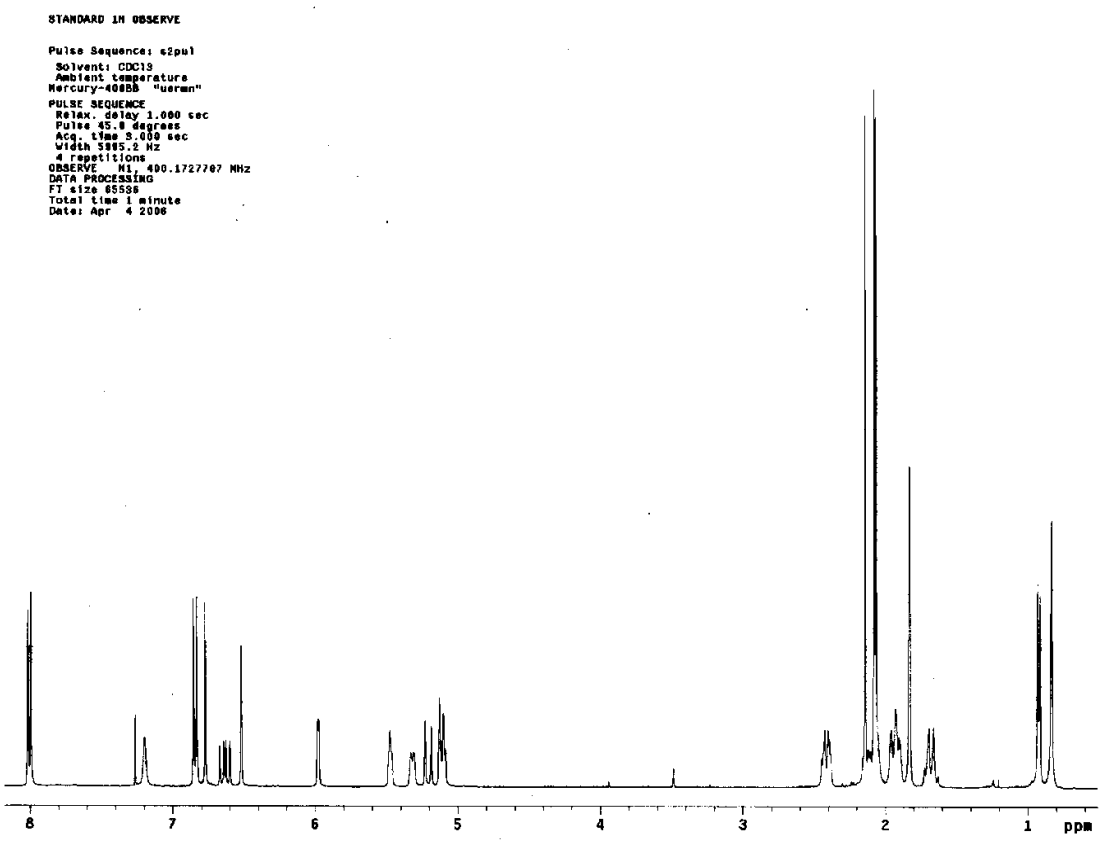
Table 1. ^{13}C (100 MHz) and ^{1}H (400 MHz) NMR Data of **3** in $CDCl_3$ (δ in ppm).

	3	
position	δ_C	δ_H (*J* in Hz)
1α	26.8 CH_2	2.12 m
1ß		1.95 m
2ß	66.1 CH	5.48 m
3	123.1 CH	5.98 brd (2.8)
4	144.0 C	
5	51.8 C	
6	74.2 CH	5.10 m
7α	33.0 CH_2	1.94 m
7ß		1.68 m
8	35.9 CH	1.95 m
9	37.2 C	
10	37.7 CH	2.40 m
11a	29.1 CH_2	1.65 m
11b		2.40 m
12	126.5CH	5.33 brd (6.8)
13	133.6 C	
14	133.3 CH	6.63 dd (17.2, 10.8)
15a	114.5CH_3	5.21 d (17.2)
15b		5.12d(10.8)
16	20.4 CH_3	1.84 brs
17	15.5 CH_3	0.93 d (6.4)
18α	95.5 CH	6.52 brs
19α	97.9 CH	6.78 s
20	25.0 CH_3	0.84 s
C2-OMe		
18-OAc	170.6 C	
	21.6 CH_3	2.08 s
19-OAc	169.7 C	
	21.2 CH_3	2.07 s
6-OAc	170.5 C	
	21.5 CH_3	2.14 s
C2-p-OHBz		
1′	165.5 C	
2′	121.5 C	
3′	115.5 CH	8.02 d (8.6)
4′	132.2 CH	6.85 d (8.6)
5′	160.7 C	
6′	132.2 CH	6.85 d (8.6)
7′	115.5 CH	8.02 d (8.6)

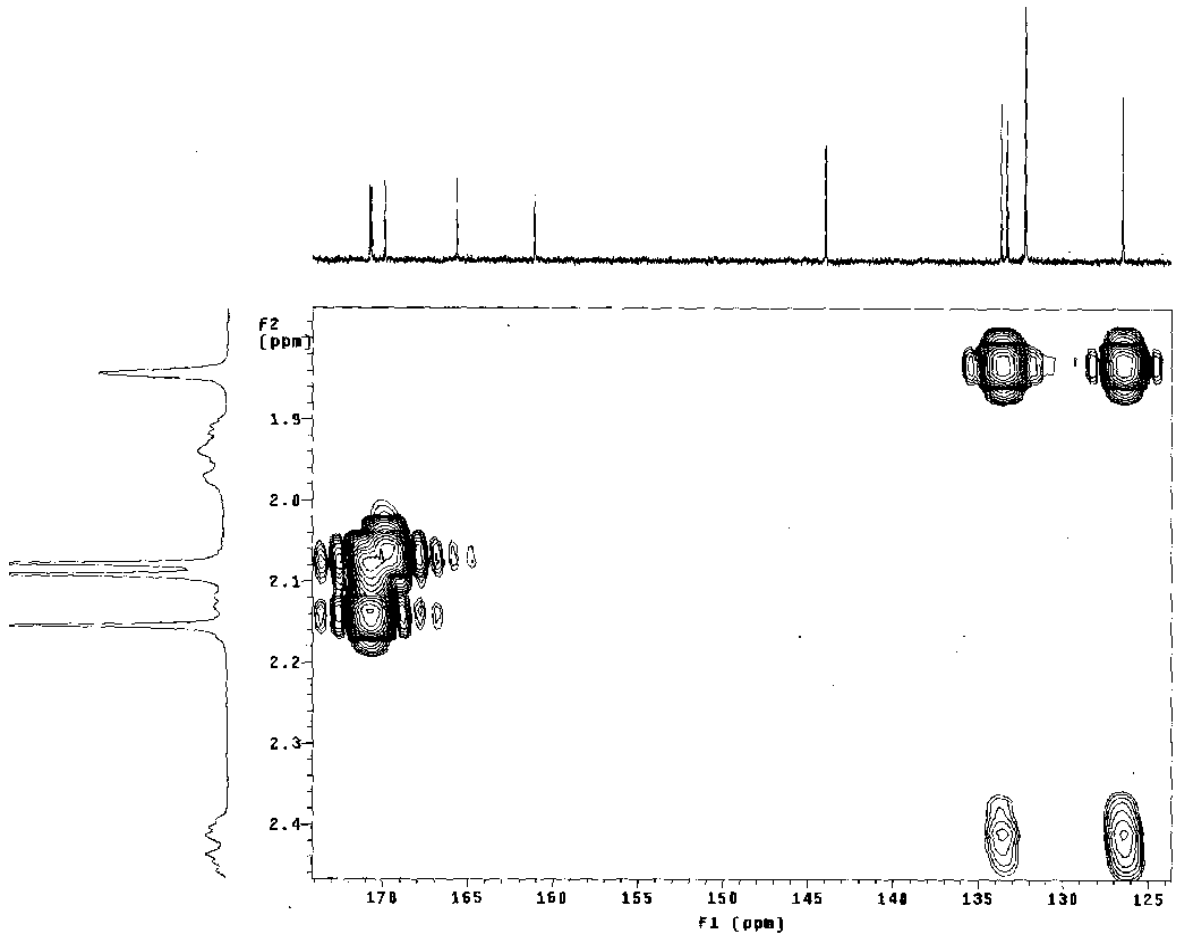
Casearborin F (**3**), white amorphous solid, isolated amount (105 mg); $[\alpha]^{20}_{D}$ + 98 (*c* 0.13, MeOH); UV (MeOH) λ_{max} (log ε) 223 (3.97), λ_{max} (log ε) 280 (4.01) nm; HRESIMS (positive mode) *m/z* 618.24414 $[M + Na]^+$ (calcd $C_{33}H_{40}O_{10}Na$, 618.24409).

NMR data

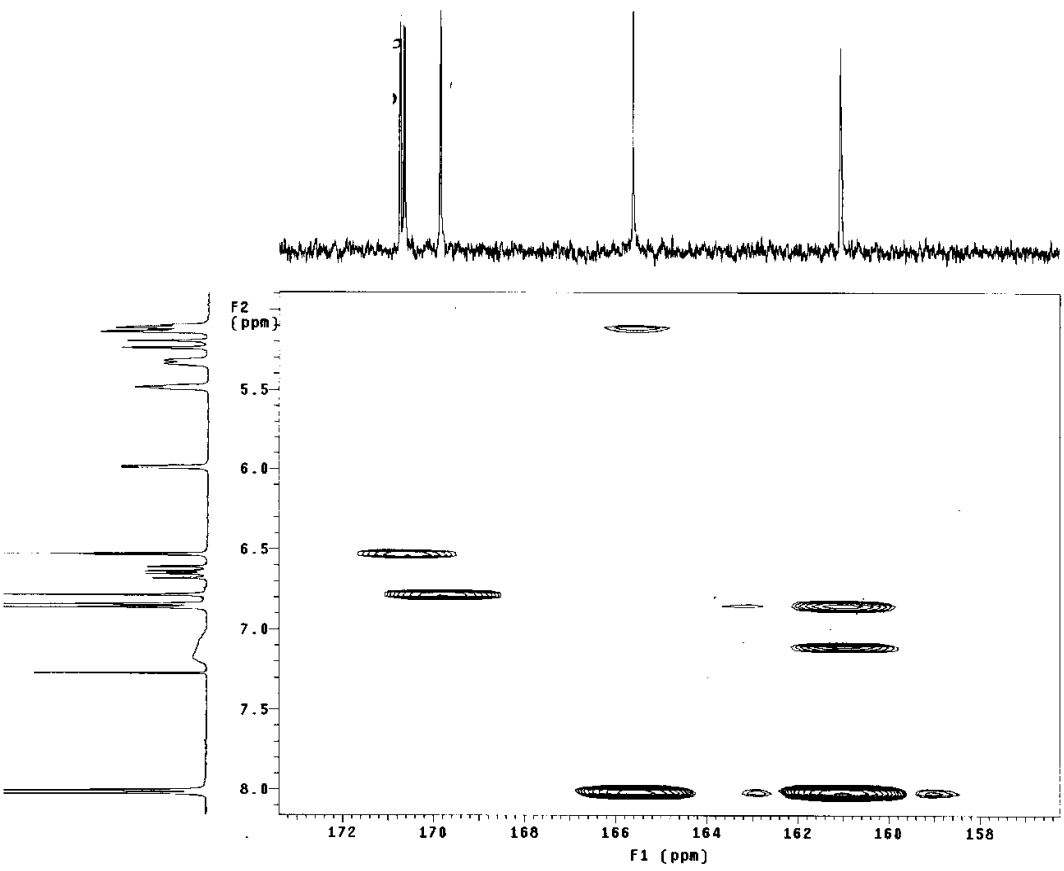
Compound **3** (casearborin F)



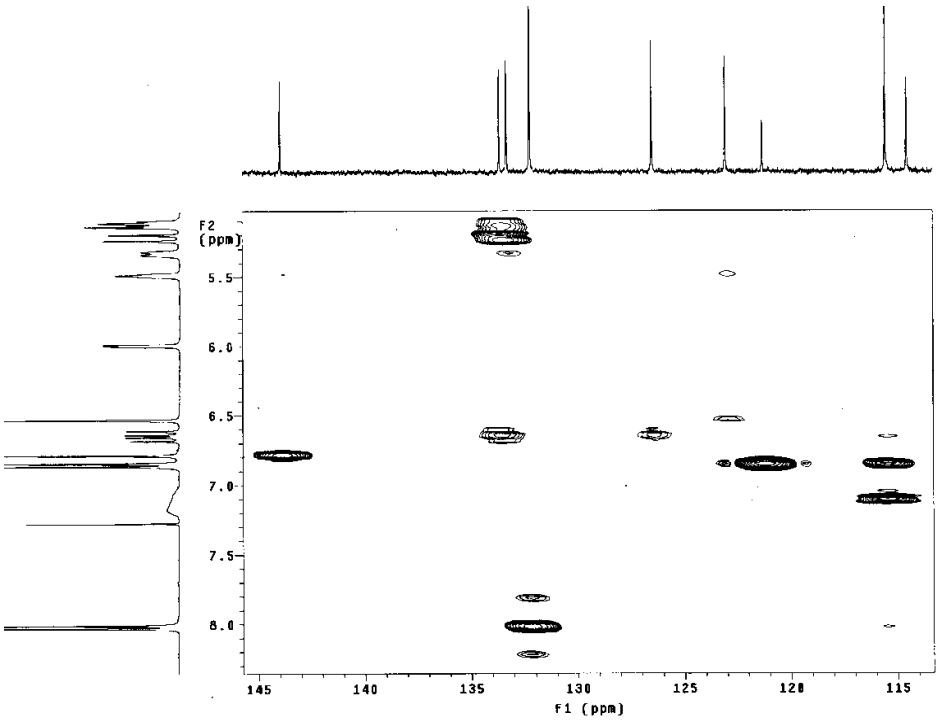
^{1}H-NMR spectrum of TCD **3**. The measure was carried out in $CDCl_3$ at 400 MHz.



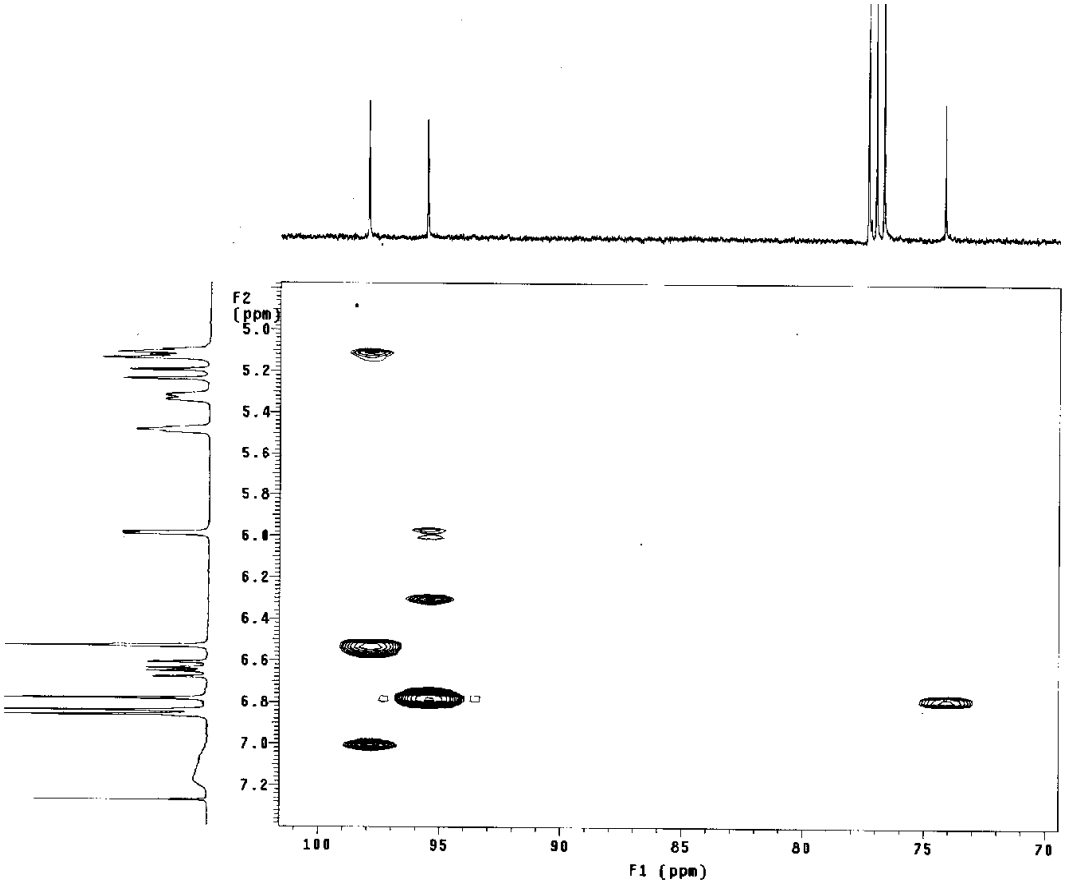
gHMBC spectrum of compound **3**.



gHMBC spectrum of compound **3**.



. gHMBC spectrum of compound **3**.



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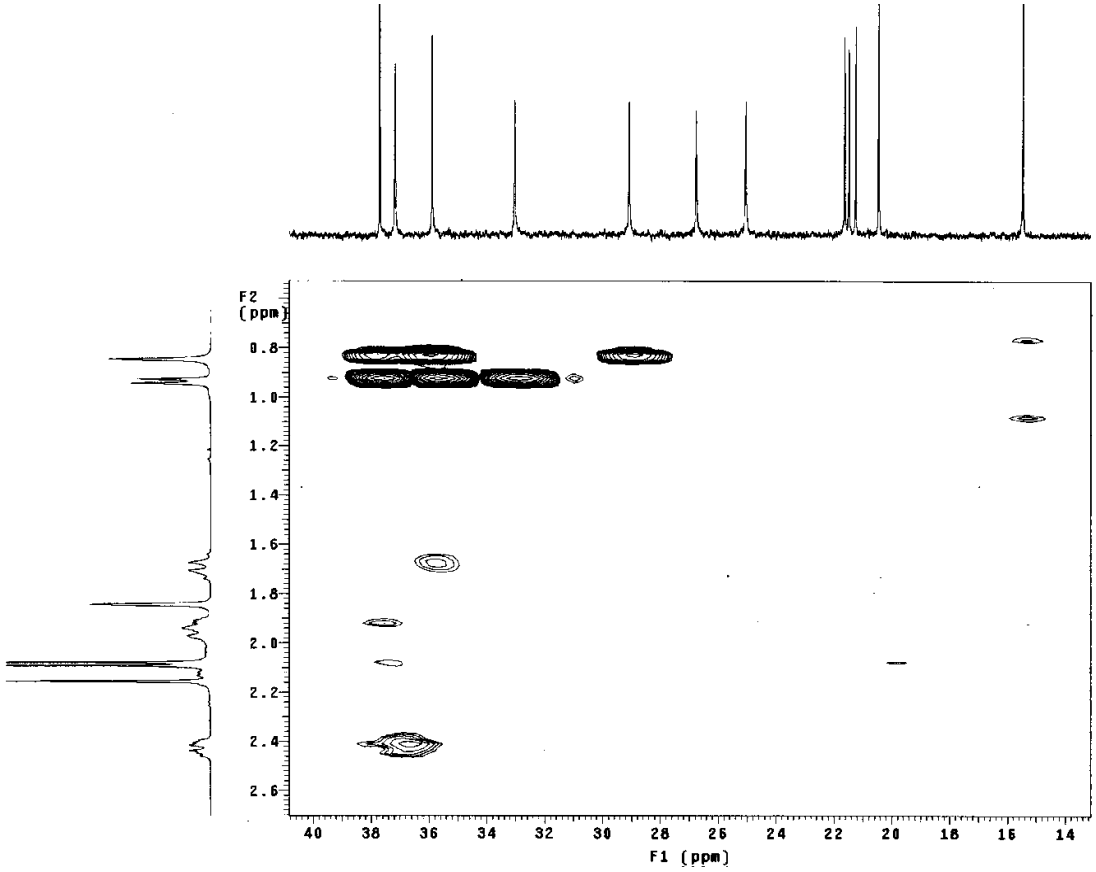

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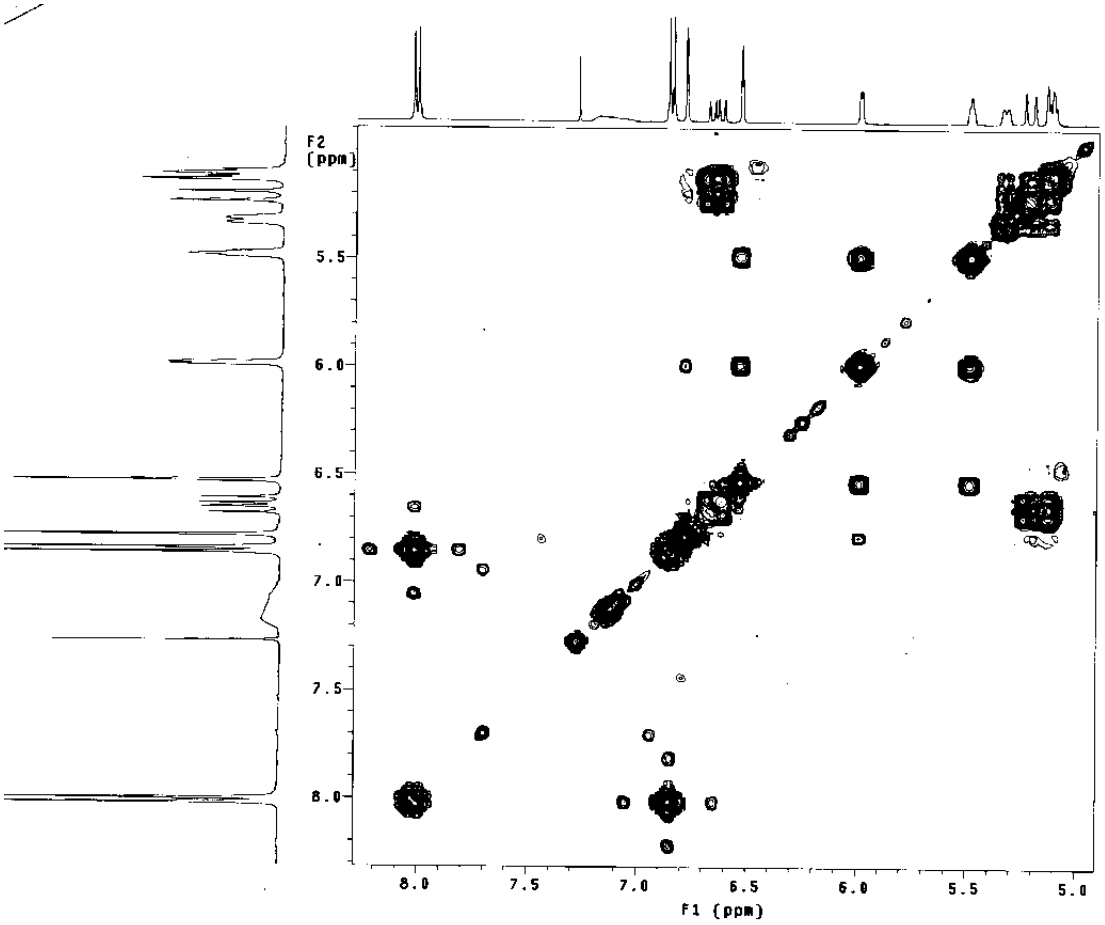
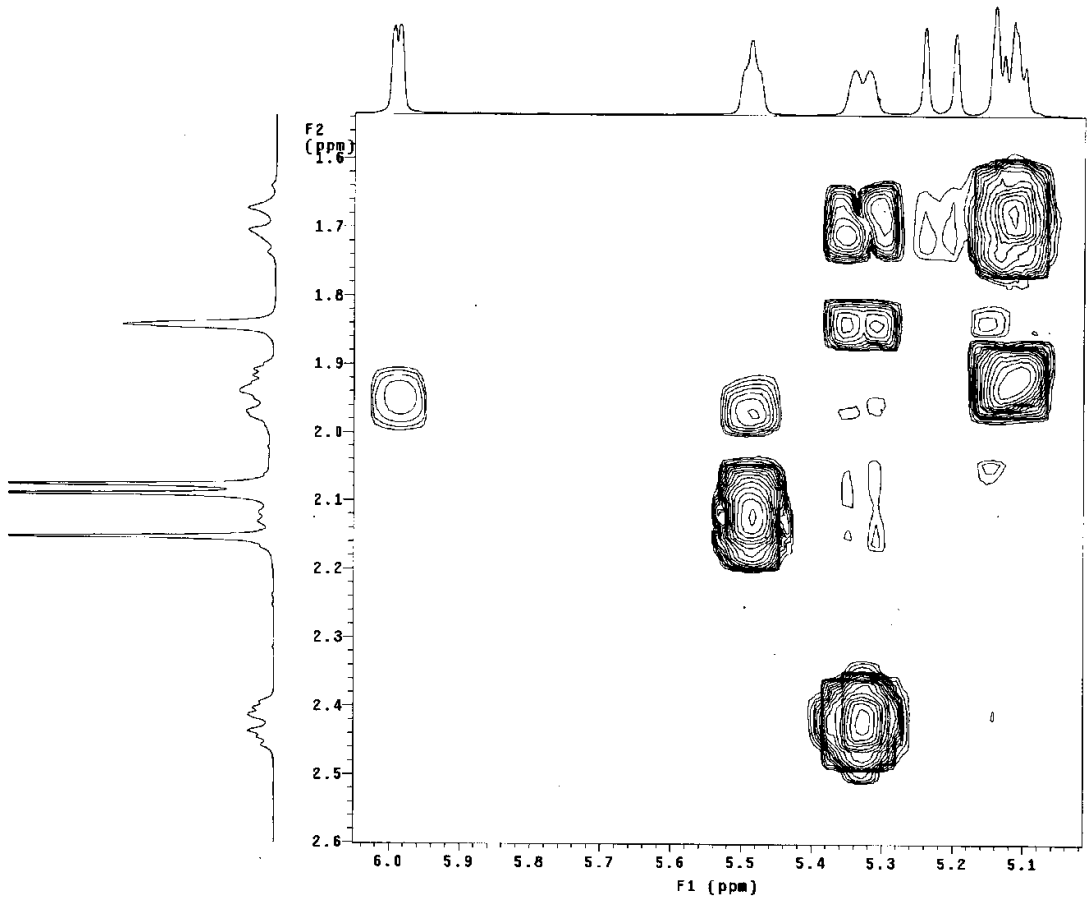


H,H-COSY spectrum of compound **3**.



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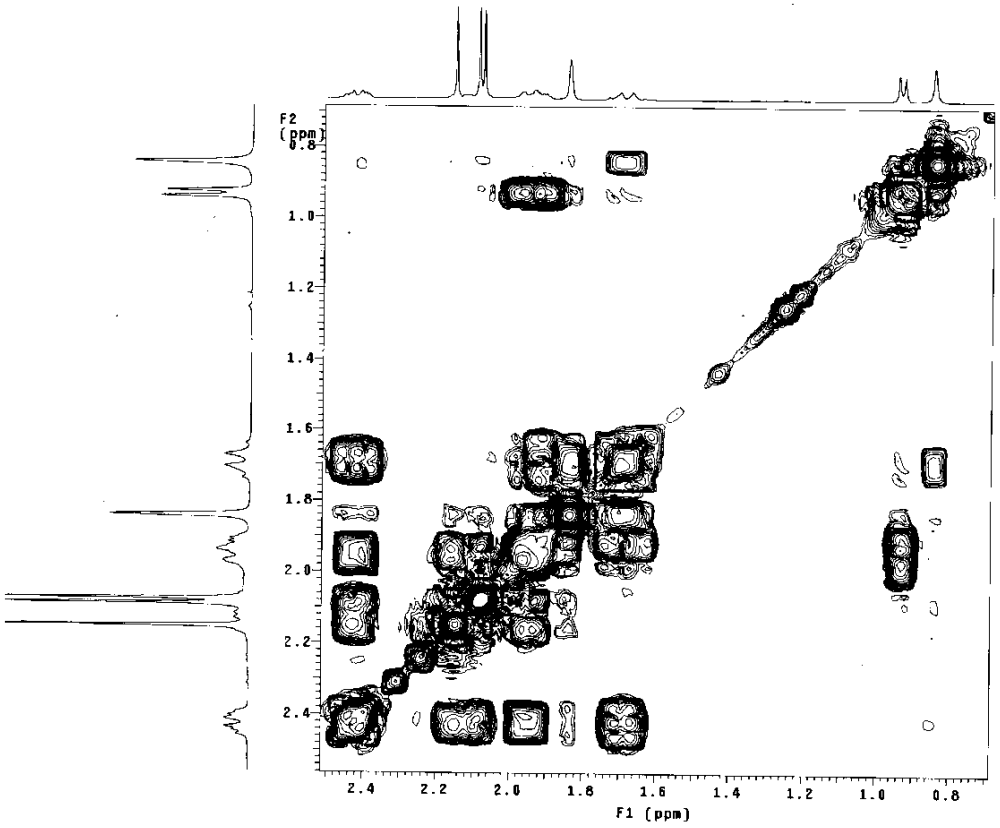
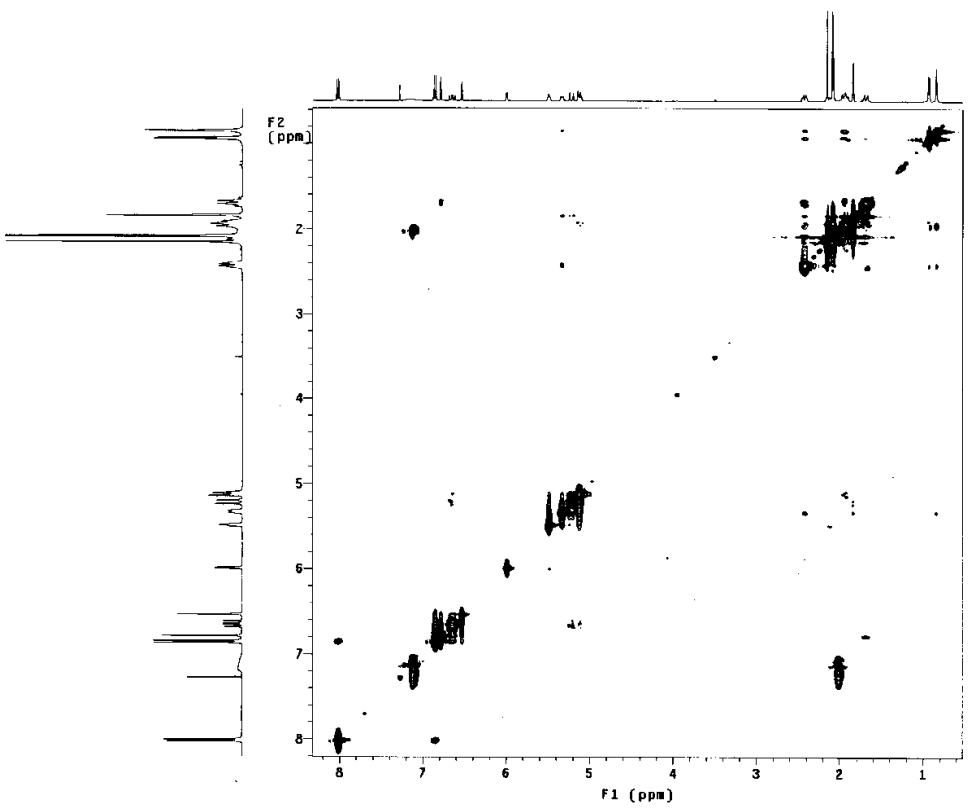


H,H-COSY spectrum of compound **3**.



NOESY spectrum of compound **3**. The measurement was carried out in $CDCl_3$ at 400 MHz.