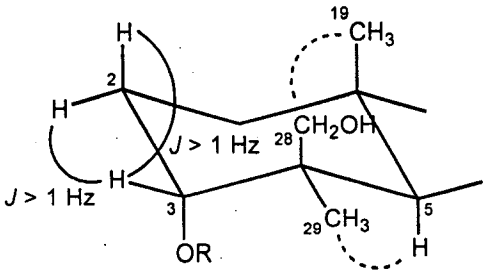
Table 2. ^{13}C and ^{1}H NMR Spectral Data for 2-5 and 9[a]

	2[b]		3[c]		4[c]		5[c]		9[c]	
position	δ_C	δ_H	δ_C	δ_H	δ_C	δ_H	δ_C	δ_H	δ_C	δ_H
1	29.9 CH_2	1.42 (m), 1.63 (m)	30.5 CH_2	1.42 (m), 1.52 (m)	30.6 CH_2	1.45 (m), 1.52 (m)	30.6 CH_2	1.45 (m), 1.52 (m)	30.6 CH_2	1.45 (m), 1.52 (m)
2	25.9 CH_2	1.62 (m), 1.92 (m)	23.1 CH_2	1.71 (m), 1.91 (m)	23.2 CH_2	1.66 (m), 1.90 (m)	23.3 CH_2	1.68 (m), 1.90 (m)	23.3 CH_2	1.68 (m), 1.90 (m)
3	75.7 CH	3.43 (brs)	80.2 CH	4.73 (brs)	79.3 CH	4.73 (brs)	78.6 CH	4.73 (brs)	78.6 CH	4.74 (brs)
4	36.9 C		36.8 C		36.7 C		36.7 C		36.7 C	
5	44.3 CH	1.59 (m)	45.3 CH	1.48 (d, 3.1)	45.3 CH	1.49 (d, 3.1)	45.3 CH	1.49 (d, 3.1)	45.5 CH	1.50 (d, 3.1)
6	18.2 CH_2	1.45 (m), 1.60 (m)	17.9 CH_2	1.47 (m), 1.66 (m)	18.0 CH_2	1.50 (m), 1.64 (m)	18.0 CH_2	1.45 (m), 1.62 (m)	18.0 CH_2	1.45 (m), 1.62 (m)
7	26.1 CH_2	2.02 (2H, m)	25.9 CH_2	2.06 (2H, m)	26.0 CH_2	2.06 (2H, m)	26.0 CH_2	2.06 (2H, m)	26.0 CH_2	2.06 (2H, m)
8	134.6 C		134.8 C		134.9 C		134.8 C		134.8 C	
9	133.5 C		132.8 C		132.8 C		132.9 C		132.9 C	
10	37.6 C		36.6 C		36.7 C		36.7 C		36.8 C	
11	32.9 CH_2	2.08 (m), 2.62 (m)	32.4 CH_2	2.10 (m), 2.60 (m)	32.4 CH_2	2.08 (m), 2.64 (m)	32.7 CH_2	2.08 (m), 2.64 (m)	32.7 CH_2	2.08 (m), 2.64 (m)
12	73.2 CH	3.98 (d, 8.2)	73.5 CH	4.02 (d, 8.0)	73.5 CH	4.00 (d, 8.1)	73.3 CH	4.00 (d, 8.1)	73.3 CH	3.99 (d, 8.1)
13	49.7 C		49.5 C		49.5 C		49.6 C		49.6 C	
14	49.7 C		49.6 C		49.5 C		49.7 C		49.7 C	
15	32.0 CH_2	1.15 (m), 1.63 (m)	32.0 CH_2	1.14 (m), 1.70 (m)	32.0 CH_2	1.20 (m), 1.70 (m)	32.0 CH_2	1.18 (m), 1.66 (m)	32.0 CH_2	1.18 (m), 1.66 (m)
16	27.8 CH_2	1.32 (m), 2.03 (m)	27.7 CH_2	1.35 (m), 2.04 (m)	27.8 CH_2	1.25 (m), 2.05 (m)	27.8 CH_2	1.25 (m), 2.05 (m)	27.8 CH_2	1.25 (m), 2.05 (m)
17	43.1 CH	2.12 (m)	43.1 CH	2.05 (m)	43.1 CH	2.05 (m)	43.1 CH	2.05 (m)	43.1 CH	2.05 (m)
18	16.4 CH_3	0.60 (3H, s)	16.3 CH_3	0.61 (3H, s)	16.3 CH_3	0.61 (3H, s)	16.3 CH_3	0.61 (3H, s)	16.4 CH_3	0.61 (3H, s)
19	18.8 CH_3	0.99 (3H, s)	18.8 CH_3	0.98 (3H, s)	18.9 CH_3	0.98 (3H, s)	18.8 CH_3	0.98 (3H, s)	18.8 CH_3	0.98 (3H, s)
20	36.0 CH	1.45 (m)	36.0 CH	1.43 (m)	36.0 CH	1.45 (m)	36.0 CH	1.42 (m)	36.0 CH	1.42 (m)
21	17.8 CH	1.03 (d, 6.5)	17.8 CH	1.01 (d, 6.4)	17.9 CH	1.02 (d, 6.4)	17.8 CH	1.02 (d, 6.4)	17.9 CH	1.02 (d, 6.4)
22	34.9 CH_2	1.27 (m), 1.68 (m)	34.3 CH_2	1.24 (m), 1.64 (m)	34.3 CH_2	1.26 (m), 1.70 (m)	34.3 CH_2	1.25 (m), 1.64 (m)	34.3 CH_2	1.25 (m), 1.64 (m)
23	31.8 CH_2	2.04 (m), 2.29 (m)	31.7 CH_2	2.04 (m), 2.22 (m)	31.7 CH_2	2.03 (m), 2.21 (m)	31.9 CH_2	2.03 (m), 2.21 (m)	31.8 CH_2	2.03 (m), 2.21 (m)
24	149.7 C		148.3 C		148.3 C		148.3 C		148.7 C	
25	46.1 CH	3.21 (q, 7.1)	45.4 CH	3.18 (q, 7.1)	45.4 CH	3.18 (q, 7.1)	45.5 CH	3.18 (q, 7.1)	45.6 CH	3.15 (q, 7.1)
26	179.8 C		179.8 C		179.6 C		179.5 C		175.0 C	
27	16.5 CH_3	1.35 (3H, d, 7.1)	16.2 CH_3	1.31 (3H, d, 7.1)	16.2 CH_3	1.31 (3H, d, 7.1)	16.2 CH_3	1.31 (3H, d, 7.1)	16.3 CH_3	1.29 (3H, d, 7.1)
28	22.2 CH_3	0.87 (3H, s)	21.7 CH_3	0.93 (3H, s)	21.7 CH_3	0.93 (3H, s)	21.7 CH_3	0.93 (3H, s)	21.8 CH_3	0.93 (3H, s)
29	28.1 CH_3	0.97 (3H, s)	27.6 CH_3	0.89 (3H, s)	27.8 CH_3	0.89 (3H, s)	27.7 CH_3	0.87 (3H, s)	27.7 CH_3	0.87 (3H, s)
30	24.4 CH_3	1.07 (3H, s)	24.7 CH_3	1.10 (3H, s)	24.8 CH_3	1.11 (3H, s)	24.5 CH_3	1.11 (3H, s)	24.5 CH_3	1.12 (3H, s)
31	111.3 CH_2	4.93 (brs), 5.01 (brs)	111.4 CH_2	4.94 (brs), 4.98 (brs)	111.4 CH_2	4.94 (brs), 4.98 (brs)	111.3 CH_2	4.94 (brs), 4.98 (brs)	110.9 CH_2	4.90 (brs), 4.92 (brs)
1′			166.7 C		172.2 C		171.9 C		171.9 C	
2′			41.3 CH_2	3.40 (2H, s)	45.2 CH_2	2.63 (d, 15.2)	45.2 CH_2	2.63 (d, 15.2)	45.1 CH_2	2.63 (d, 15.2)
						2.70 (d, 15.2)		2.70 (d, 15.2)		2.70 (d, 15.2)
3′			170.4 C		69.9 C		69.8 C		69.7 C	
4′					44.5 CH_2	2.65 (d, 15.7)	44.8 CH_2	2.65 (d, 15.7)	44.8 CH_2	2.65 (d, 15.7)
						2.73 (d, 15.7)		2.73 (d, 15.7)		2.73 (d, 15.7)
5′					174.4 C		172.0 C		172.1 C	
3′-CH_3					27.3 CH_3	1.39 (3H, s)	27.3 CH_3	1.37 (3H, s)	27.4 CH_3	1.37 (3H, s)
5′-OCH_3							51.7 CH_3	3.70 (3H, s)	51.7 CH_3	3.70 (3H, s)
26-OCH_3									51.9 CH_3	3.68 (3H, s)

[a]Chemical shifts in ppm from internal standard TMS, coupling constants in Hz.
[b]Measured in $CDCl_3$-pyridine-d_5 (19:1)
[c]Measured in $CDCl_3$



Supporting Information
Figure

Major coupling constants (solid lines) and NOE correlations (dashed lines) for the A ring of **6**.