Supporting Information, Table 1. Connectivities Observed in 2D NMR Spectra of **1**

Position	$^{13}C^{a}$	$^{1}H^{a,b}$	COSY[a,c]	NOESY[a,c,d]	HMBC[a,c,e]
1	104.11	7.31 (s)		2-OCH_3, H-14α,β	C-3, C-4a, C-14a
2	149.63				
3	148.60				
4	103.94	7.91 (s)		3-OCH_3, H-5	C-2, C-4b, C-14b
4a	123.74				
4b	130.39				
5	104.84	7.90 (d, $J_{5,7}$ = 2.6)	H-7	6-OCH_3, H-4	C-4a, C-6, C-8a
6	157.75				
7	115.08	7.21 (dd, $J_{5,7}$ = 2.6, $J_{7,8}$ = 9.1)	H-5/H-8	6-OCH_3, H-8	C-6, C-8a
8	124.48	7.83 (d, $J_{7,8}$ = 9.1)	H-7	H-7, H-9α, H-9β	C-4b, C-8b
8a	124.28				
8b	126.68				
9	53.82	α: 3.72 (d, $J_{9\alpha,9\beta}$ = 15.1)	H-9β, H-14α, H-14β	H-8, H-9α, H-11α, H-13a	
		β: 4.74 (d, $J_{9\alpha,9\beta}$ = 15.1)	H-9α	H-8, H-9β, H-11β	
11	55.14	α: 2.51 (q, $J_{11\alpha,11\beta} = J_{11\alpha,12\alpha} = J_{11\alpha,12\beta}$ = 8.7)	H-11β, H-12α, H-12β	H-9α, H-12α , H-13a	
		β: 3.47 (dt, $J_{11\alpha,11\beta} = J_{11\beta,12\beta}$ = 8.7, $J_{11\beta,12\alpha}$ = 2.0)	H-11α, H-12β	H-9β, H-11α, H-12β	

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12	21.61	α: 1.93 (m)	H-11α, H-12β, H-13α, H-13β	H-11α, H-12β, H-13α
		β: 2.03 (m)	H-11α, H-11β, H-12α, H-13β, H-13α	H-11β, H-12α, H-13β
13	31.28	α: 2.25 (m)	H-12α, H-12β, H-13β, H-13a	H-12α, H-13β, H-13a
		β: 1.80 (m)	H-12α, H-12β, H-13α, H-13a	H-12β, H-13α, H-14β
13a	60.35	2.53 (m)	H-13α, H-13β, H-14α, H-14β	H-9α, H- 13α, H-14α
14	33.63	α: 3.35 (ddd, $J_{14\alpha,14\beta}$ = 15.6, $J_{14\alpha,13\alpha}$ = 3.8, $J_{14\alpha,9\alpha}$ =1.4)	H-9α, H-13a, H-14β	H-1, H-13a, H-14β
		β: 2.92 (dd, $J_{14\alpha,14\beta}$ = 15.6, $J_{13a,14\beta}$ = 10.5)	H-9α, H-9β, H-13a, H-14α	H-1, H-13β, H-14α
14a	125.72			
14b	127.24			
2-OCH_3	55.98	4.07 (s)		H-1
3-OCH_3	56.10	4.11 (s)		H-4
6-OCH_3	55.13	4.02 (s)		H-5, H-7

[a] ^1H (300 MHz) and ^{13}C (100 MHz) NMR spectral data measured in $CDCl_3$, δ values relative to internal TMS, [b] coupling constants in Hz. [c] signal correlating with ^1H resonance, [d] mixing time 700 msec., [e] optimized for $^nJ_{C,H}$ = 7Hz.

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Supporting Information, Table 2. Connectivities Observed in 2D NMR Spectra of **2**

Position	$^{13}C^{a}$	$^{1}H^{a,b}$	$COSY^{a,c}$	$NOESY^{a,c,d}$
1	104.44	7.32 (s)		H-14α, 2-OCH_3
2	149.42			
3	148.44			
4	104.29	7.93 (s)		3-OCH_3
4a	123.01			
4b	130.26			
5	106.71	7.96 (d, $J_{5,7}$ = 2.3)	H-7	
6	155.65			
7	116.59	7.09 (dd, $J_{5,7}$ = 2.3, $J_{7,8}$ = 8.9)	H-5/H-8	H-8
8	124.36	7.75 (d, $J_{7,8}$ = 8.9)	H-7	H-7, H-9β
8a	122.59			
8b	126.58			
9	53.40	α: 3.57 (d, $J_{9\alpha,9\beta}$ = 15.7)	H-9β, H-14α	H-9β
		β: 4.56 (d, $J_{9\alpha,9\beta}$ = 15.7)	H-9α, H-14α	H-8, H-9α
11	54.59	α: 2.33 (q, $J_{11\alpha,11\beta}$ = $J_{11\alpha,12\alpha}$ =	H-11β, H-12	
		$J_{11\alpha,12\beta}$ = 8.5)	H-11α, H-12	
		β: 3.30 (m)		

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12	21.32	1.83 (m)	H-11α, H-13α, H-13β
13	31.01	α: 2.16 (m)	H-12, H-13a, H-13β
		β: 1.65 (m)	H-12, H-13a, H-13α
13a	60.16	2.34 (m)	H-13α, H-13β, H-14α, H-14β
14	33.03	α: 3.38 (m)	H-9α, H-9β, H-13a, H-14α
		β: 2.79 (dd, $J_{14\alpha, 14\beta}$ = 15.4, $J_{14\beta, 13a}$ = 10.3)	H-13a, H-14β
14a	124.71		
14b	126.49		
2-OCH_3	55.60	4.00 (s)	
3-OCH_3	55.72	3.95 (s)	

[a] ^1H (300 MHz) and ^{13}C (75 MHz) NMR spectral data measured in DMSO-d6, δ values relative to internal TMS, [b] coupling constants in Hz. [c] signal correlating with ^1H resonance, [d] mixing time 700 msec.

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Supporting Information, Table 3. Connectivities Observed in 2D NMR Spectra of **3**

Position	^{13}C[a]	^{1}H[a,b]	COSY[a,c]	NOESY[a,c,d]	HMBC[a,c,e]
1	113.44	6.51 (d, $J_{1,4a}$= 2.0)		2-OCH_3, H-14α	C-3, C-4a, C-14a
2	147.55				
3	148.30				
4	111.00	6.47 (d, $J_{4,4a}$ = 8.3)	H-4a	3-OCH_3, H-4a	C-1, C-2, C-14b
4a	121.01	6.66 (dd, $J_{4,4a}$ = 8.3, $J_{1,4a}$= 2.0)	H-4	H-4, H-14α	C-1, C-3, C-14a
4b	130.39	6.99 (AA'XX' d)	H-5/H-7	H-5/H-7, H-9β	C-5/C-7, C-6, C-4b/C-8, C-8b
5	113.65	6.61 (AA'XX' d)	H-4b/H-8	6-OCH_3, H-4b/H-8	C-6, C-5/C-7, C-8a
6	158.23				
7	113.65	6.61 (AA'XX' d)	H-4b/H-8	6-OCH_3, H-4b/H-8	C-6, C-5/C-7, C-8a
8	130.39	6.99 (AA'XX' d)	H-5/H-7	H-5/H-7, H-9β	C-5/C-7, C-6, C-4b/C-8, C-8b
8a	133.32				
8b	132.64				
9	57.87	α: 3.03 (d, $J_{9\alpha,9\beta}$ = 15.9)	H-9β, H-14α, H-14β	H-9β, H-11α, H-13a	
		β: 3.84 (d, $J_{9\alpha,9\beta}$ = 15.9)	H-9α, H-14β	H-4b/H-8, H-9α, H-11β	C-14a
11	54.26	α: 2.11 (m)	H-11β, H-12α, H-12β, H-13a	H-9α, H-11β, H-12α	
		β: 3.21 (m)	H-11α, H-12α, H-12β	H-9β, H-11α, H-12β	

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12	21.72	α: 1.66 (m)	H-11α, H-11β, H-12β, H-13α, H-13β	H-11α, H-12β	
		β: 1.86 (m)	H-11α, H-11β, H-12α, H-13α	H-11β, H-12α	
13	30.84	α: 1.93 (m)	H-12β, H-13β, H-13a	H-13β, H-13a	
		β: 1.53 (m)	H-12α, H-13α, H-13a	H-13α, H-14β	C-14
13a	60.62	2.32 (m)	H-11α, H-13α, H-13β, H-14β	H-9α, H- 13α, H-14α	
14	38.48	α: 2.68 (d, $J_{14\alpha,14\beta}$ = 16.4)	H-9α, H-14β	H-1, H-4a, H-13a, H-14β	C-8a, C-14a, C-14b
		β: 2.48 (dd, $J_{14\alpha,14\beta}$ = 16.4, $J_{13a,14\beta}$ = 11.3)	H-9α, H-9β, H-13a, H-14α	H-13β, H-14α	
14a	132.64				
14b	134.86				
2-OCH_3	55.44	3.39 (s)		H-1	
3-OCH_3	55.49	3.49 (s)		H-4	
6-OCH_3	54.80	3.38 (s)		H-5/H-7	

[a] ^1H (400 MHz) and ^{13}C (100 MHz) NMR spectral data measured in C_6D_6-$CDCl_3$ 7:9, δ values relative to internal TMS, [b] coupling constants in Hz. [c] signal correlating with ^1H resonance, [d] mixing time 700 msec., [e] optimized for $^nJ_{C,H}$ = 7Hz.

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Supporting Information, Table 4. Connectivities Observed in 2D NMR Spectra of **4**

Position	$^{13}C^{a}$	$^{1}H^{a,b}$	COSY[a,c]	NOESY[a,c,d]	HMBC[a,c,e]
1	112.91	6.33 (d, $J_{1,4a}$ = 1.7)	H-4a	H-14, 2-OCH_3	C-3, C-4a, C-14a
2	148.04				
3	147.54				
4	110.62	6.38 (d, $J_{4,4a}$ = 8.3)	H-4a	3-OCH_3	C-2, C-14b
4a	120.70	6.46 (dd, $J_{4,4a}$ = 8.3, $J_{1,4a}$ = 1.7)	H-1, H-4	H-14	C-3
4b	130.20	6.67 (AA'XX' d)	H-5/H-7	H-9α, H-9β	C-6, C-4b/C-8, C-8b
5	115.25	6.47 (AA'XX' d)	H-4b/H-8		C-6, C-8a
6	155.21				
7	115.25	6.47 (AA'XX' d)	H-4b/H-8		C-6, C-8a
8	130.20	6.67 (AA'XX' d)	H-5/H-7	H-9α, H-9β	C-6, C-4b/C-8, C-8b
8a	131.64				
8b	132.64				
9	56.17	α: 3.00 (d, $J_{9\alpha,9\beta}$ = 15.4)	H-9β, H-14	H-4b/H-8, H-9β, H-13a	
		β: 3.67 (d, $J_{9\alpha,9\beta}$ = 15.4)	H-9α, H-14	H-4b/H-8, H-9α, H-11α	
11	53.69	α: 1.81 (m)	H-11β	H-11β	
		β: 3.14 (m)	H-11α	H-9β, H-11α, H-12α, H-13a,	

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12	21.35	α: 1.77 (m)	H12α, H-13α, H-13β	H-12α
		β: 1.56 (m)	H-12β, H-13α, H-13β, H-13a	H-11α, H-12β
13	30.14	α: 1.84 (m)	H-12α, H-12β, H-13β, H-13a	H-13β, H-14
		β: 1.49 (m)	H-12α, H-12β, H-13α	H-13α
13a	60.79	2.19 (m)	H-12α, H-13α	H-9α, H-11α
14	36.55	2.46 (m)	H-9α, H-9β	H-1, H-4a, H-13α
14a	132.64			
14b	134.04			
2-OCH_3	55.58	3.30 (s)		H-1
3-OCH_3	55.73	3.45 (s)		H-4

[a] ^{1}H (400 MHz) and ^{13}C (100 MHz) NMR spectral data measured in C_6D_6-$CDCl_3$ 7:9, δ values relative to internal TMS, [b] coupling constants in Hz. [c] signal correlating with ^{1}H resonance, [d] mixing time 700 msec., [e] optimized for $^{n}J_{C,H}$ = 7Hz.

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