SUPPORTING INFORMATION

Trivirensols: Selectively Bacteriostatic Sesquiterpene Trimers from the Australian Termite Nest-derived Fungus *Trichoderma virens* CMB-TN16

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1.1 Trivirensol A (**11**)

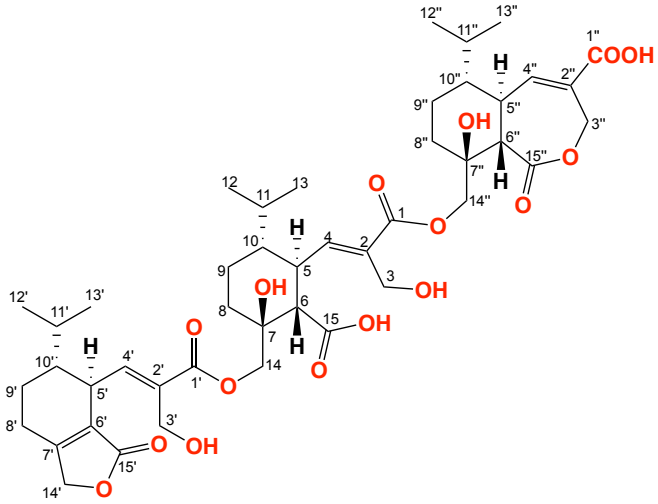


Table S1. ^{1}H and ^{13}C NMR data for trivirensol A (**11**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	166.9,[a] C				
2	133.4, C				
3a	55.4, CH_2	4.19, d (11.9)	3b	1, 2, 4	5
3b		4.12, d (11.9)	3a	1, 2, 4	5
4	145.1,[b] CH	6.42, d (10.8)	5	1, 2, 5, 10	6, 10, 11
5	39.9, CH	2.75, ddd (11.4, 10.8, 10.8)	4, 6, 10	6	3a, 3b, 11, 12, 14a
6	58.1, CH	2.44, d (11.4)	5	7, 14, 15	4, 10
7	71.2, C				
8a	34.6,[c] CH_2	2.12, m	8b		
8b		1.32, m	8a, 9b		
9a	20.4, CH_2	1.52,[e] m	9b	10	
9b		1.12, m	8b, 9a, 10		14a
10	45.7, CH	1.34, m	5, 9b		4, 6
11	27.9, CH	1.62, m	12, 13	10, 12, 13	4, 5, 12, 13
12	15.6, CH_3	0.71, d (6.6)	11	10, 11, 13	5, 11
13	21.2,[d] CH_3	0.85,[f] d (6.6)	11	10, 11, 12	11
14a	65.6, CH_2	4.37, d (12.0)	14b	1′	5, 9b
14b		4.24, d (12.0)	14a	7, 8, 1′	
15	173.9, C				
1′	166.7,[a] C				
2′	133.9, C				
3′a	55.6, CH_2	4.35, d (11.4)	3′b	1′, 2′, 4′	5′
3′b		4.30, d (11.4)	3′a	1′, 2′, 4′	5′
4′	144.4, CH	6.44, d (10.2)	5′	1′, 2′, 3′, 6′, 10′	10′

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
5′	33.7, CH	3.48,* m	4′, 10′	15′	3′a, 3′b, 11′, 12′, 13′
6′	124.0, C				
7′	165.2, C				
8′	22.4, CH_2	2.38, m	9′a	6′, 7′	14′
9′a	20.1, CH_2	1.81, m	8′, 10′	5′	
9′b		1.51,[e] m		5′	
10′	44.8, CH	1.46, m	5′, 9′a		4′
11′	27.3, CH	1.64, m	12′, 13′		5′, 12′, 13′
12′	17.7, CH_3	0.83,[f] d (6.6)	11′	10′, 11′, 13′	5′, 11′
13′	21.4,[d] CH_3	0.95, d (6.6)	11′	10′, 11′, 12′	5′, 11′
14′	71.6, CH_2	4.82, m		6′, 7′, 15′	8′
15′	173.0, C				
1″	166.9,[a] C				
2″	129.4, C				
3″a	60.9, CH_2	5.28, d (14.4)	3″b	1″, 4″	6″
3″b		4.84, d (14.9)	3″a	1″, 2″, 4″, 15″	
4″	145.2,[b] CH	7.07, d (3.6)	5″	1″, 3″, 6″	5″, 11″, 12″
5″	39.4, CH	2.58, ddd (12.4, 12.4, 3.6)	4″, 6″, 10″		4″, 9″b, 12″, 14″b
6″	51.7, CH	3.66, d (12.4)	5″	5″, 7″, 14″, 15″	3″a, 8b″, 10″
7″	71.8, C				
8″a	34.8,[c] CH_2	2.16, m	8″b		
8″b		1.35, m	8″a, 9″b		6″
9″a	20.9, CH_2	1.58, m	9″b	5″	
9″b		1.16, m	8″b, 9″a, 10		5″, 14″b
10″	47.6, CH	1.52, m	5″, 9″b		6″
11″	27.0, CH	1.95, m	12″, 13″	13″	4″, 13″
12″	15.2, CH_3	0.84,[f] d (6.6)	11″	10″, 11″, 13″	4″, 5″, 11″
13″	21.3,[d] CH_3	0.89, d (6.6)	11″	10″, 11″, 12″	11″
14″a	65.0, CH_2	5.01, d (12.0)	14″b	1, 6″, 7″, 8″	
14″b		4.35, d (12.0)	14″a	1	5″, 9″b
15″	171.8, C				

[a-f]Assignments of overlapping resonances with the same superscript may be interchanged. *signal obscured under H_2O resonance.

1.2 Trivirensol B (**12**)

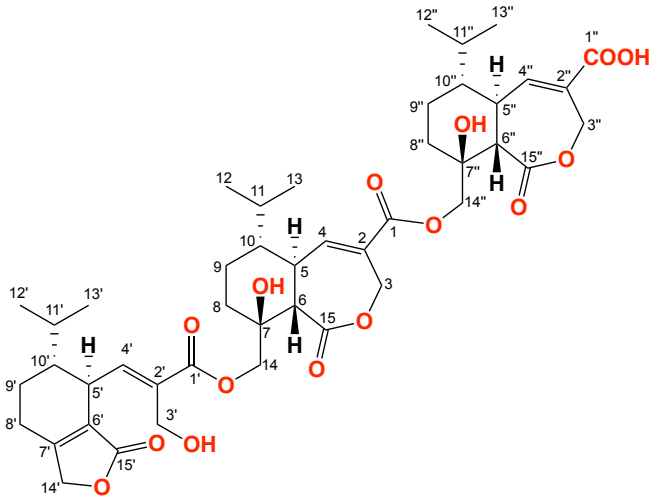


Table S2. ^{1}H and ^{13}C NMR data for trivirensol B (**12**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	165.3,[a] C				
2	129.0, C				
3a	60.9,[b] CH_2	5.33, d (14.4)	3b, 4	1, 4	6
3b		4.89, d (14.4)	3a	1, 2, 4, 15	
4	146.1, CH	7.13, d (2.5)	3a, 5	1, 2, 3, 5, 6	5, 11, 12
5	39.4,[c] CH	2.62,[l] m	4, 6, 10		4, 9b, 14b
6	52.0, CH	3.67,[m] d (13.8)	5	5, 7, 14, 15	3a, 8b, 10, 7-OH
7	71.7,[d] C				
7-OH		5.15, s		6, 7	6
8a	34.8,[e] CH_2	2.16, ddd (12.8, 2.5, 2.5)	8b,	10	
8b		1.35,[n] m	8a, 9b		6
9a	20.9,[f] CH_2	1.59,[o] m	9b	10	
9b		1.19,[p] m	8b, 9a, 10		5, 14b
10	47.6,[g] CH	1.53,[q] m	5, 9b		
11	27.0,[h] CH	1.98,[r] m	12, 13	12, 13	4, 12,13
12	15.2,[i] CH_3	0.84,[s] d (6.6)	11	10, 11, 13	4
13	21.4,[j] CH_3	0.90,[t] d (6.6)	11	10, 11, 12	
14a	65.2, CH_2	4.98, d (12.0)	14b	7, 8, 1′	
14b		4.39, d (12.0)	14a	7, 8, 1′	5, 9b
15	171.9,[k] C				
1′	166.7, C				
2′	134.0, C				
3′a	55.6, CH_2	4.35, d (12.0)		1′, 2′, 4′	5′
3′b		4.30, d (12.0)		1′, 2′, 4′	5′
4′	144.3, CH	6.44, d (10.8)	5′	1′, 2′, 3′, 5′, 6′	10′
5′	33.7, CH	3.49,* m	4′, 10′		3′a, 12′
6′	124.0, C				

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
7′	165.2,[a] C				
8′	22.4, CH_2	2.40, m	9′a, 9b		9′a, 9′b, 14′
9′a	20.1, CH_2	1.82, m	8′, 9b′, 10′	5′, 11′	8′
9′b		1.50, m	8′, 9a′	5′, 10′	8′
10′	44.8, CH	1.45, m	5′, 9a′		4′
11′	27.3, CH	1.64, m	12′, 13′	9′, 10′, 12′, 13′	
12′	17.7, CH_3	0.84,[s] d (6.6)	11′	10′, 11′, 13′	5′
13′	21.4, CH_3	0.95, d (6.6)	11′	10′, 11′, 12′	
14′	71.8,[d] CH_2	4.84, m		6′, 7′, 8′, 15′	8′
15′	173.0, C				
1″	166.9, C				
2″	129.4, C				
3″a	61.0,[b] CH_2	5.26, d (14.0)	3″b, 4″	1″, 2″	6″
3″b		4.84, d (14.0)	3″a	1″, 2″, 4″, 15″	
4″	145.1, CH	7.06, d (3.0)	3″a, 5″	1″, 2″, 3″, 6″	5″, 11″, 12″
5″	39.4,[c] CH	2.60,[l] m	4″, 6″, 10″		4″, 14″b
6″	51.7, CH	3.65,[m] d (13.8)	5″	5″, 7″, 14″, 15″	3″a, 8″b, 10″, 7″-OH
7″	71.6,[d] C				
7″-OH		5.10, s		6″, 7″	6″
8″a	34.8,[e] CH_2	2.09, m	8″b	6″, 14″	14″a
8″b		1.36,[n] m	8″a, 9″b		6″, 14″a
9″a	20.9,[f] CH_2	1.59,[o] m	9″b		
9″b		1.19,[p] m	8″b, 9″a, 10″		5″, 14″b
10″	47.6,[g] CH	1.52,[q] m	5″, 9″b		5″, 6″
11″	27.0,[h] CH	1.98,[r] m	12″, 13″	12″, 13″	4″, 12″, 13″
12″	15.2,[i] CH_3	0.84,[s] d (6.6)	11″	10″, 11″, 13″	4″
13″	21.4,[j] CH_3	0.90,[t] d (6.6)	11″	10″, 11″, 12″	4″
14″a	65.9, CH_2	5.10, d (12.0)	14″b	1, 7″, 8″	
14″b		4.35, d (12.0)	14″a	1	5″, 9″b
15″	171.8,[k] C				

[a-t]Assignments of overlapping resonances with the same superscript may be interchanged. *signal is obscured under H_2O resonance.

1.3 Trivirensol C (**13**)

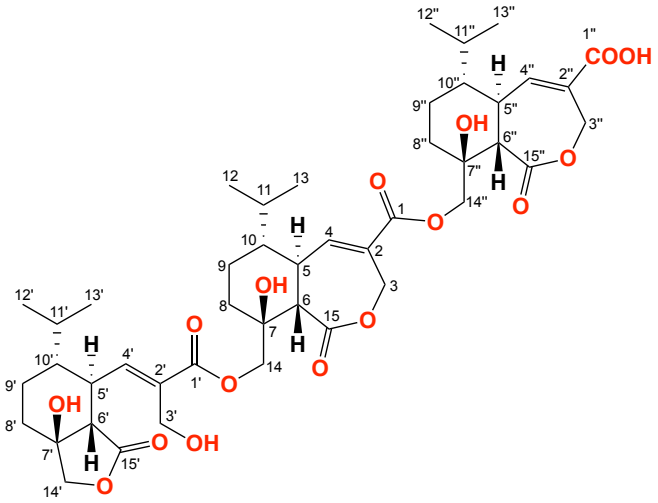


Table S3. ^{1}H and ^{13}C NMR data for trivirensol C (**13**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	165.3, C				
2	129.0, C				
3a	60.9,[a] CH_2	5.35, d (14.4)	3b	1, 4	6
3b		4.89, d (14.4)	3a	1, 2, 4, 15	
4	146.1, CH	7.13, d (3.5)	5	1, 2, 3, 5, 6	5, 11, 12
5	39.4,[b] CH	2.62, m	4, 6, 10		4, 9b, 12, 14b
6	51.7, CH	3.69, d (12.5)	5	7, 14, 14	3a, 8b, 10
7	71.7,[c] C				
8a	34.8,[d] CH_2	2.19, ddd (12.5, 2.5, 2.5)	8b	6, 7, 10	9a, 9b
8b		1.36,[m] m	8a, 9b		6
9a	20.9,[e] CH_2	1.60,[n] m	9b		8a
9b		1.18,[o] m	8b, 9a, 10		5, 8a, 14
10	47.5,[f] CH	1.53,[p] m	5, 9b		6, 10, 11
11	27.0,[g] CH	1.96,[q] m	12, 13	10, 13	4, 13
12	15.2,[h] CH_3	0.84,[r] d (6.6)	11	10, 11, 13	4, 5
13	21.2,[i] CH_3	0.89,[s] d (6.6)	11	10, 11, 12	11
14a	65.1, CH_2	5.04, d (12.0)	14b	7, 8, 1′	
14b		4.36, d (12.0)	14a	1′	5, 9b
15	171.8,[j] C				
1′	166.7, C				
2′	133.4, C				
3′a	55.4, CH_2	4.10, d (12.0)	3′b	1′, 2′, 4′	
3′b		3.96, d (12.0)	3′a	1′, 2′, 4′	5′
4′	144.1, CH	6.55, d (10.2)	5′	1′, 2′, 3′, 6′, 10′	6′, 10′, 11′
5′	39.5,[b] CH	2.60, m	4′, 6′, 10′	2′,4′, 6′, 10′, 15′	3′b , 9b′, 12′, 14′a

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
6′	52.0,[k] CH	2.03, d (11.4)	5′	4′, 5′, 7′, 15′	4′, 8b′, 10′
7′	74.4,[l] C				
8′a	31.8, CH_2	1.90, ddd (13.0, 2.5, 2.5)	8′b	7′, 10′, 14′	
8′b		1.57, m	8′a, 9′b		
9′a	20.7,[e] CH_2	1.60,[n] m	9′b		
9′b		1.18,[o] m	8′b, 9′a, 10′		5′, 14′a
10′	44.7, CH	1.25, m	5′, 9′b		4′, 6′
11′	28.0, CH	1.64, m	12′, 13′	10′, 12′, 13′	4′, 12′, 13′
12′	15.6, CH_3	0.71, d (6.6)	11′	10′, 11′, 13′	5′, 11′
13′	21.2,[i] CH_3	0.88,[s] d (6.6)	11′	10′, 11′, 12′	11′
14′a	74.5,[l] CH_2	4.43, d (9.6)	14′b		5′, 9′b
14′b		3.94, d (9.0)	14′a	6′, 7′, 15′	
15′	176.7, C				
1″	166.8, C				
2″	129.3, C				
3″a	61.0,[a] CH_2	5.26, d (14.4)	3″b	1″, 4″	6″
3″b		4.84, d (14.4)	3″a	1″, 2″, 4″, 15″	
4″	145.1, CH	7.06, d (3.5)	5″	1″, 2″, 3″, 5″, 6″	5″, 11″, 12″
5″	39.4,[b] CH	2.59, m	4″, 6″, 10″		4″, 9b″, 12″, 14″b
6″	52.0,[k] CH	3.66, d (12.2)	5″	5″, 7″, 10″, 14″, 15″	3″a, 8b″, 10″
7″	71.8,[c] C				
8″a	34.8,[d] CH_2	2.10, ddd (12.6, 3.1, 3.1)	8″b		9″a, 9″b
8″b		1.36,[m] m	8″a, 9″b		6″
9″a	20.9,[e] CH_2	1.60,[n] m	9″b		8″a
9″b		1.18,[o] m	8″b, 9″a, 10″		5″, 8″a
10″	47.6,[f] CH	1.53,[p] m	5″, 9″b		6″, 11″
11″	27.0,[g] CH	1.96,[q] m	12″, 13″	13″	4″, 10″, 13″
12″	15.2,[h] CH_3	0.84,[r] d (6.6)	11″	10″, 11″, 13″	4″, 5″
13″	21.4, CH_3	0.89,[s] d (6.6)	11″	10″, 11″, 12″	11″
14″a	65.9, CH_2	5.11, d (12.0)	14″b	1, 7″, 8″	
14″b		4.35, d (12.0)	14″a	1	5″, 9″b
15″	171.9,[j] C				

[a-s]Assignments of overlapping resonances with the same superscript may be interchanged.

1.4 Trivirensol D (**14**)

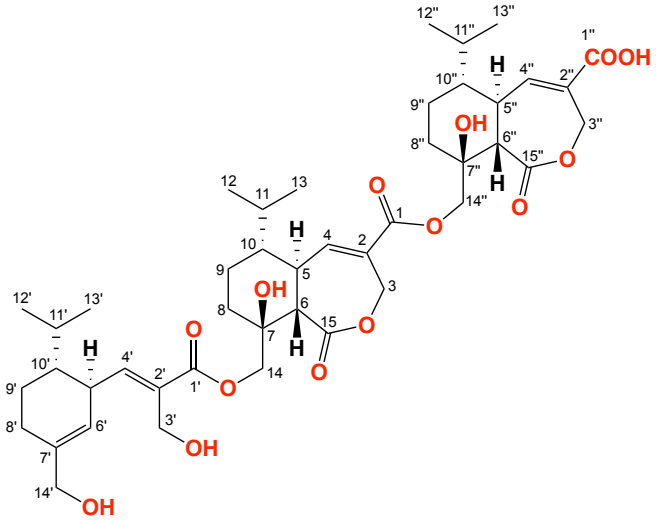


Table S4. ^{1}H and ^{13}C NMR data for trivirensol D (**14**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	165.3, C				
2	129.0, C				
3a	60.9, CH_2	5.34, d (14.4)	3b, 4	1, 4	6
3b		4.89,[k] d (14.4)	3a	1, 2, 4, 15	
4	146.1,[a] CH	7.13, d (3.6)	3a, 5	1, 2, 3, 6	5, 10, 11, 12, 8″a
5	39.4,[b] CH	2.63, ddd (12.3, 10.6, 3.6)	4, 6, 10		4, 9b, 12, 14b
6	51.8, CH	3.68, d (12.3)	5	5, 7, 8, 10, 14, 15	3a, 8b, 10
7	71.8,[c] C				
7-OH		5.10, s		6, 7, 8	
8a	34.8,[d] CH_2	2.17, ddd (12.8, 2.9, 2.9)	8b	6, 10	9a, 9b, 4′
8b		1.35,[l] m	8a, 9b		6
9a	20.9,[e] CH_2	1.59,[m] m	9b		8a
9b		1.17,[n] m	8b, 9a, 10		5, 8a, 14b
10	47.6,[f] CH	1.54, m	5, 9b		4, 6
11	27.0,[g] CH	1.99,[o] m	12, 13	10, 12, 13	4
12	15.2,[h] CH_3	0.84,[p] d (6.6)	11	10, 11, 13	4, 5
13	21.2,[i] CH_3	0.89,[q] d (6.6)	11	10, 11, 12	
14a	65.0, CH_2	4.95, d (12.2)	14b	7, 8, 1′	
14b		4.40, d (12.2)	14a	1′	5, 9b
15	171.8,[j] C				
1′	166.9, C				
2′	132.1, C				
3′a	55.2, CH_2	4.24, d (11.4)	3′b, 3′-OH	1′, 2′, 4′	5′, 6′
3′b		4.20, d (11.4)	3′a, 3′-OH	1′, 2′, 4′	5′
3′-OH		4.75, m	3′a, 3′b		

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
4′	149.0, CH	6.52, d (10.2)	5′	1′, 2′, 3′, 5′, 6′, 10′	6′, 10′, 11′, 8a
5′	38.1, CH	3.22,* m	4′, 6′, 10′		3′a, 3′b, 6′, 11′, 12′, 13′
6′	121.2, CH	5.23, m	5′, 8′a, 8′b, 14′a, 14′b,	4′, 5′, 8′, 10′, 14′	3′a, 4′, 5′, 14′a, 14′b
7′	140.0, C				
8′a	25.3, CH_2	2.01, m	6′, 8′b		
8′b		1.91, m	6′, 8′a		
9′a	21.1,[e] CH_2	1.70, m	9′b, 10′		
9′b		1.26, m	9′a		
10′	44.9, CH	1.26, m	5′, 9′a		4′
11′	28.5, CH	1.59, m	12′, 13′		5′
12′	17.7, CH_3	0.78, d (7.2)	11′	10′, 11′, 13′	5′
13′	21.2,[i] CH_3	0.90,[q] d (7.2)	11′	10′, 11′, 12′	5′
14′a	64.6, CH_2	3.80, d (14.0)	6′, 14′b , 14′-OH	6′, 7′	6′
14′b		3.78, d (14.4)	6′, 14′a, 14′-OH		6′
14′-OH		4.71, br s	14′a, 14′b		
1″	166.9, C				
2″	130.7, C				
3″a	61.4, CH_2	5.22, d (14.4)	3″b, 4″	1″	6″
3″b		4.88,[k] d (14.4)	3″a	1″, 2″, 4″, 15″	
4″	146.1,[a] CH	7.01, d (2.5)	3″a, 5″	1″, 3″, 6″	5″, 10″, 11″, 12″
5″	39.2,[b] CH	2.56, ddd (12.3, 10.6, 2.5)	4″, 6″, 10″		4″, 9b″, 12″, 14″b
6″	52.1, CH	3.63, d (12.3)	5″	5″, 7″, 8″, 10″, 14″, 15″	3″a, 8b″, 10″
7″	71.7,[c] C				
8″a	34.8,[d] CH_2	2.09, ddd (12.8, 2.7, 2.7)	8″b	7″, 10″	9″a, 9″b, 4
8″b		1.35,[l] m	8″a, 9″b		6″
9″a	20.9,[e] CH_2	1.59,[m] m	9″b		8″a
9″b		1.17,[n] m	8″b, 9″a, 10″		5″, 8″a, 14″b
10″	47.5,[f] CH	1.50, m	5″, 9″b		4″, 6″
11″	26.9,[g] CH	1.99,[o] m	12″, 13″	10″, 12″, 13″	4″, 12″, 13″
12″	15.2,[h] CH_3	0.83,[p] d (6.6)	11″	10″, 11″, 13″	4″, 5″
13″	21.2,[i] CH_3	0.89,[q] d (6.6)	11″	10″, 11″, 12″	
14″a	65.9, CH_2	5.11, d (12.0)	14″b	1, 6″, 7″, 8″	
14″b		4.35, d (12.0)	14″a	1	5″, 9″b
15″	172.1,[j] C				

[a-q]Assignments of overlapping resonances with the same superscript may be interchanged. *signal is obscured under H_2O resonance.

1.5 Trivirensol E (**15**)

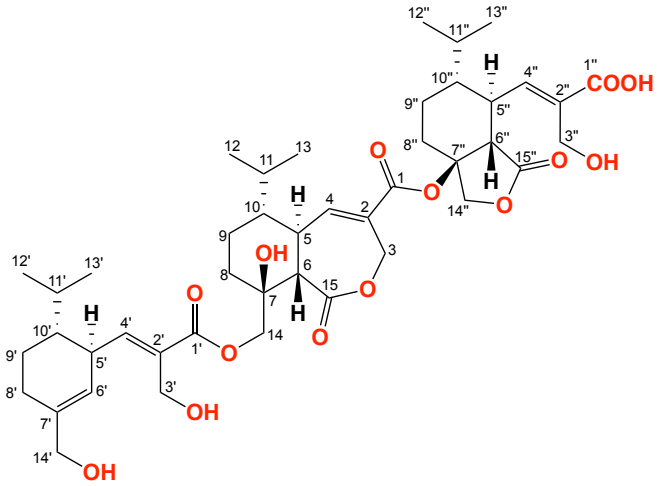


Table S5. ^{1}H and ^{13}C NMR data for trivirensol E (**15**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	164.2, C				
2	129.0, C				
3a	60.7, CH_2	5.30, d (14.4)	3b, 4	1, 4	6
3b		4.77, d (14.4)	3a	1, 2, 4, 15	
4	146.9, CH	7.05, d (3.5)	3a, 5	1, 2, 3, 5, 6	5, 10, 11, 12, 6″
5	39.7, CH	2.59, ddd (12.0, 12.0, 3.5)	4, 6, 10		4, 9b, 12, 14b
6	51.7, CH	3.66, d (12.0)	5	5, 7, 8, 10, 14, 15	3a, 8b, 10, 7-OH
7	71.8, C				
7-OH		5.09, s		6, 7, 8, 14	6, 8a, 8b, 14a
8a	34.7, CH_2	2.15, d (12.6)	8b	6	9a, 9b, 14b, 7-OH, 4′
8b		1.33, m	8a, 9b		6, 7-OH
9a	21.0,[a] CH_2	1.57, m	9b		8a
9b		1.15, m	8b, 9a, 10		5, 8a, 14b
10	47.5, CH	1.50, m	5, 9b		4, 6
11	27.1, CH	1.89, m	12, 13	10, 12, 13	4, 8a
12	15.4, CH_3	0.82, d (6.6)	11	10, 11, 13	4, 5
13	21.1,[a] CH_3	0.87, d (6.6)	11	10, 11, 12	
14a	64.9, CH_2	4.94, d (12.0)	14b	7, 8, 1′	7-OH
14b		4.38, d (12.0)	14a	1′	5, 8a, 9b
15	171.7, C				
1′	167.0, C				
2′	132.1, C				
3′a	55.2, CH_2	4.24, dd (11.6, 2.5)	3′b, 3′-OH		5′, 3′-OH
3′b		4.19, dd (11.6, 2.5)	3′a, 3′-OH	1′	5′, 3′-OH
3′-OH		4.75, m	3′a, 3′b		3′a, 3′b
4′	149.0, CH	6.51, br d (10.6)	5′	1′, 2′, 3′, 5′, ′6,	6′, 10′, 11′, 8a

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
				10′	
5′	38.1,[b] CH	3.20, m	4′, 6′, 10′		3′a, 3′b, 6′, 11′, 12′
6′	121.2, CH	5.23, s	5′, 14′a, 14′b	4′, 5′, 8′, 10′, 14′	3′a, 3′b, 4′, 5′, 10′, 14′a, 14′b
7′	140.0, C				
8′a	25.3, CH_2	2.00, br d (14.4)	8′b		14′a, 14′b
8′b		1.92, m	8′a, 9′a		
9′a	21.0,[a] CH_2	1.71, m	9′b		
9′b		1.26, m	8′b, 9′a, 10′		
10′	44.9, CH	1.27, m	5′, 9′b		4′, 6′
11′	28.5, CH	1.58, m	12′, 13′	5′, 10′, 12′, 13′	4′, 5′
12′	17.1, CH_3	0.77, d (6.6)	11′	10′, 11′, 13′	5′
13′	21.1, CH_3	0.89,[c] d (6.6)	11′	10′, 11′, 12′	
14′a	64.6, CH_2	3.80, d (14.0)	6′, 14′b , 14′-OH	6′, 7′	6′, 8′a, 14′-OH
14′b		2.78, d (14.0)	6′, 14′a, 14′-OH	6′, 7′	6′, 8′a, 14′-OH
14′-OH		4.71, br s	14′a, 14′b		14′a, 14′b
1″	168.5,* C				
2″	134.6,* C				
3″a	55.7, CH_2	4.07, d (12.0)	3″b	1″, 2″, 4″	5″
3″b		3.97, d (12.0)	3″a	1″, 2″, 4″	5″
4″	141.7,* CH	6.48, d (10.0)	5″	1″, 3″	6″, 10″, 11″
5″	38.2,[b] CH	2.83, ddd (10.0, 10.0, 10.0)	4″, 6″, 10″		3″a, 3″b, 12″, 14″a
6″	49.1, CH	2.70, d (10.0)	5″	4″, 5″, 7″, 14″, 15″	4″, 8b″, 10″, 4
7″	86.1, C				
8″a	27.4, CH_2	2.45, ddd (14.0, 3.5, 3.5)	8″b, 9″a		9″a, 9″b, 14″a, 14″b
8″b		1.90, m	8″a, 9″b		6″, 14″a
9″a	19.7, CH_2	1.64,[d] m	8″a, 9″b, 10″		8″a
9″b		1.32, m	8″b, 9″a		8″a
10″	43.7, CH	1.36, m	5″, 9″a		4″, 5″, 6″
11″	27.7, CH	1.64,[d] m	12″, 13″	5″, 10″, 12″, 13″	4″
12″	15.7, CH_3	0.71, d (6.6)	11″	10″, 11″, 13″	5″
13″	21.4,[a] CH_3	0.89,[c] d (6.6)	11″	10″, 11″, 12″	
14″a	70.8, CH_2	4.67, d (11.2)	14″b	7″, 15″	5″, 8″a, 8″b
14″b		4.60, d (11.2)	14″a	7″, 15″	8″a
15″	174.8, C				

[a-d]Assignments of overlapping resonances with the same superscript may be interchanged. *signals were detected from HMBC correlations.

1.6 Trivirensol F (**16**)

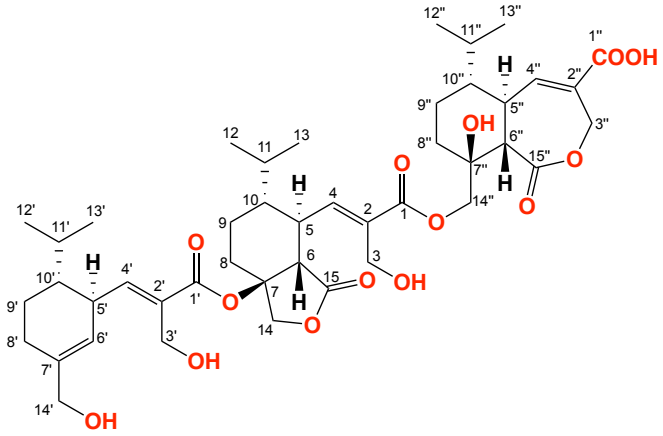


Table S6. ^{1}H and ^{13}C NMR data for trivirensol F (**16**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	166.7, C				
2	133.7, C				
3a	55.5, CH_2	4.13,[c] d (11.8)	3b	1, 2, 4	5
3b		4.04, d (11.8)	3a	1, 2, 4	5
4	143.7, CH	6.65, d (10.5)	5	1, 2, 3	6, 10, 11, 8′′a
5	38.2,[a] CH	2.87, ddd (10.5. 10.2, 10.2)	4, 6, 10	4, 6	3a, 3b, 9b, 12, 14a
6	48.8, CH	2.76, d (10.2)	5	4, 5, 7, 14, 15	4, 8b, 10, 14b
7	84.8, C				
8a	27.3, CH_2	2.42, ddd (13.7, 3.3, 3.3)	8b		9a, 9b, 14a
8b		1.91,[d] m	8a	7	6
9a	19.8, CH_2	1.64,[e] m	9b		8a
9b		1.31, m	9a, 10		5, 8a, 14a
10	43.7, CH	1.42, m	5, 9b		4, 6
11	27.9, CH	1.64,[e] m	12, 13	10	4
12	15.9, CH_3	0.73, d (6.6)	11	10, 11, 13	5
13	21.3,[b] CH_3	0.90,[f] d (6.6)	11	10, 11, 12	
14a	71.1, CH_2	4.67, d (10.8)	14b	7, 15	5, 8a, 9b
14b		4.64, d (10.8)	14a	7, 15	6
15	175.2, C				
1′	165.9, C				
2′	132.3, C				
3′a	55.0, CH_2	4.14, d (11.4)	3′b	1′, 2′, 4′	4′, 5′, 6′
3′b		4.13,[c] d (11.4)	3′a	1′, 2′, 4′	4′, 5′, 6′
4′	149.2, CH	6.43, d (10.5)	5′	1′, 3′, 10′	3′a, 3′b, 6′, 10′, 11′
5′	38.3,[a] CH	3.19, dd (10.5, 10.5)	4′, 6′, 10′	6′	3′a, 3′b, 6′, 12′
6′	120.8, CH	5.20, s	5′, 14′a, 14′b	5′, 8′, 10′, 14′	3′a, 3′b, 4′, 5′, 14′a, 14′b
7′	140.2, C				
8′a	25.2, CH_2	1.97, m	8′b		14′a, 14′b

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
8′b		1.90,[d] m	8′a, 9′a		
9′a	20.9,[b] CH_2	1.69, m	9′b, 8′b, 10′		
9′b		1.21, m	9′a		
10′	44.6, CH	1.27, m	5′, 9′a		4′
11′	28.4, CH	1.55, m	12′, 13′		4′
12′	16.9, CH_3	0.76, d (6.6)	11′	10′, 11′, 13′	5′
13′	21.2,[b] CH_3	0.88,[f] d (6.6)	11′	10′, 11′, 12′	
14′a	64.5, CH_2	3.79, d (14.0)	6′, 14′b	6′, 7′	6′, 8′a
14′b		3.76, d (14.0)	14′a	6′, 7′	6′, 8′a
1″	166.9, C				
2″	129.4, C				
3″a	60.9, CH_2	5.29, d (14.4)	3″b, 4″	1″, 4″	6″
3″b		4.84, d (14.4)	3″a	1″, 2″, 4″, 15″	
4″	145.2, CH	7.07, d (4.2)	3″a , 5″	1″, 2″, 3″, 5″, 6″	5″, 11″, 12″
5″	39.4, CH	2.59, ddd (12.4, 10.8, 3.6)	4″, 6″, 10″	4″, 6″	4″, 9″b, 12″, 14″b
6″	51.7, CH	3.67, d (12.4)	5″	5″, 7″, 10″, 14″, 15″	3″a, 8″b, 10″
7″	71.8, C				
8″a	34.8, CH_2	2.20, ddd (12.1, 2.2, 2.2)	8″b		9″a, 9″b, 4
8″b		1.36, m	8″a		6″
9″a	20.9,[b] CH_2	1.60, m	9″b		8″a
9″b		1.17, m	9″a, 10″		8″a
10″	47.6, CH	1.52, m	5″, 9″b		6″
11″	27.0, CH	1.96, m	12″, 13″	10″, 13″	4″
12″	15.2, CH_3	0.84, d (7.2)	11″	10″, 11″, 13″	4″, 5″
13″	21.2,[b] CH_3	0.89,[f] d (6.6)	11″	10″, 11″, 12″	
14″a	65.0, CH_2	5.03, d (12.0)	14″b	1, 7″, 8″	
14″b		4.37, d (12.0)	14″a	1	5″, 9″b
15″	171.8, C				

[a-f]Assignments of overlapping resonances with the same superscript may be interchanged.

1.7 Trivirensol G (**17**)

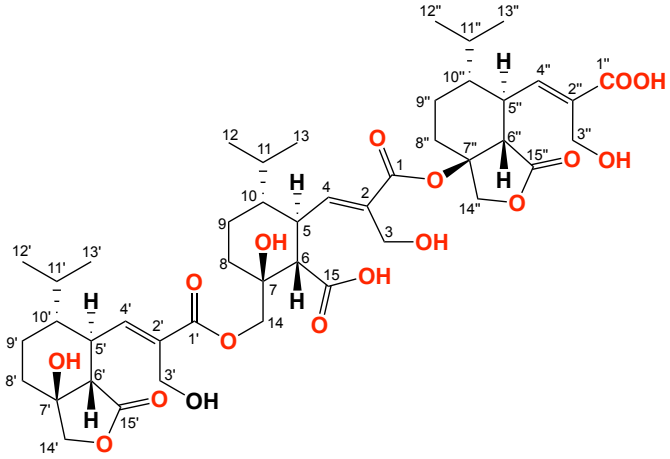


Table S7. ^{1}H and ^{13}C NMR data for trivirensol G (**17**) in DMSO-d_6

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
1	166.0, C				
2	133.3, C				
3a	55.2, CH_2	4.12, d (12.0)	3b	1, 2, 4	5
3b		4.06, d (12.0)	3a	1, 2, 4	5
4	145.5, CH	6.32, d (10.4)	5	1, 2, 3	6, 10, 11
5	40.0, CH	2.73, m	4, 6, 10		3a, 3b, 9b, 11, 12, 14a
6	57.9, CH	2.42, d (11.4)	5	4, 7, 14, 15	4, 8b, 10
7	71.3, C				
8a	34.8, CH_2	2.14, ddd (12.0, 2.1, 2.1)	8b		9a, 9b, 14a, 4′
8b		1.34, m	8a, 9b		6
9a	20.3, CH_2	1.52, m	9b		8a
9b		1.09, m	8b, 9a, 10		5, 8a
10	45.4, CH	1.33, m	5, 9b		4, 6
11	27.9,[a] CH	1.56, m	12, 13	10, 13	4, 5
12	15.6,[b] CH_3	0.70,[f] d (6.6)	11	10, 11, 13	5
13	21.3,[c] CH_3	0.84, d (6.6)	11	10, 11, 12	
14a	65.5, CH_2	4.34, d (12.6)	14b	1′	5, 9b
14b		4.27, d (12.0)	14a	7, 8, 1′	5
15	173.8, C				
1′	166.7, C				
2′	133.7, C				
3′a	55.5,[d] CH_2	4.09,[g] d (12.0)	3′b	1′, 2′, 4′	5′
3′b		3.96, d (12.0)	3′a	1′, 2′, 4′	5′
4′	144.1, CH	6.55, d (10.8)	5′	1′, 2′, 3′, 6′	6′, 10′, 11′, 8a
5′	39.6, CH	2.60, ddd (10.5, 10.5, 10.5)	4′, 6′, 10′	4′, 6′	3′a, 3′b, 9′b, 12′, 14′a
6′	52.0, CH	2.03, d (10.8)	5′	4′, 7′, 14′, 15′	4′, 8b′, 10′
7′	74.4,[e] C				
8′a	31.8, CH_2	1.89, m	8′b	7′	14′a

Position	δ_C, mult	δ_H (J in Hz)	COSY	HMBC (H→C)	ROESY
8′b		1.56, m	8′a, 9′b		6
9′a	20.7, CH_2	1.60, m	9′b		
9′b		1.17, m	8′b, 9′a, 10′		5′, 14′a
10′	44.6, CH	1.26, m	5′, 9′b		4′, 6′
11′	28.0,[a] CH	1.62,[h] m	12′, 13′	10′, 12′, 13′	
12′	15.6,[b] CH_3	0.70,[f] d (6.6)	11′	10′, 11′, 13′	5′
13′	21.4,[c] CH_3	0.88, d (6.6)	11′	10′, 11′, 12′	
14′a	74.5,[e] CH_2	4.42, d (9.6)	14′b	7′	5′, 8′a, 9′b
14′b		3.93, d (9.6)	14′a	7′, 15′	6′, 8′a,
15′	176.7, C				
1″	168.2, C				
2″	134.2, C				
3″a	55.4,[d] CH_2	4.09,[g] d (12.0)	3″b	1″, 2″, 4″	5″
3″b		3.98, d (12.0)	3″a	1″, 4″	5″
4″	142.7, CH	6.54, d (10.3)	5″	1″, 2″, 3″, 6″, 10″	6″, 10″, 11″
5″	37.9, CH	2.87, ddd (10.3, 9.6, 9.6)	4″, 6″, 10″	4″, 6″	3″a, 3″b, 9″b , 12″, 14″a
6″	48.7, CH	2.76, d (9.6)	5″	4″, 5″, 7″, 14″, 15″	4″, 8b″, 10″, 14″b
7″	84.7, C				
8″a	26.9, CH_2	2.32, ddd (14.0, 4.1, 4.1)	8″b		14″a, 14″b
8″b		1.90, m	8″a, 9″b	7″	6″
9″a	19.4, CH_2	1.63, m	9″b		
9″b		1.33, m	8″b, 9″a, 10″		5″, 14″a
10″	43.6, CH	1.37, m	5″, 9″b		4″
11″	27.7,[a] CH	1.64,[h] m	12″	10″	4″
12″	15.9, CH_3	0.72,[f] d (6.6)	11″	10″, 11″, 13″	5″
13″	21.3,[c] CH_3	0.91, d (6.6)		10″, 11″, 12″	
14″a	71.2, CH_2	4.63, d (10.8)	14″b		5″, 8″a, 9″b
14″b		4.56, d (10.8)	14″a	7″, 15″	6″, 8″a
15″	174.9, C				

[a-g]Assignments of overlapping resonances with the same superscript may be interchanged.

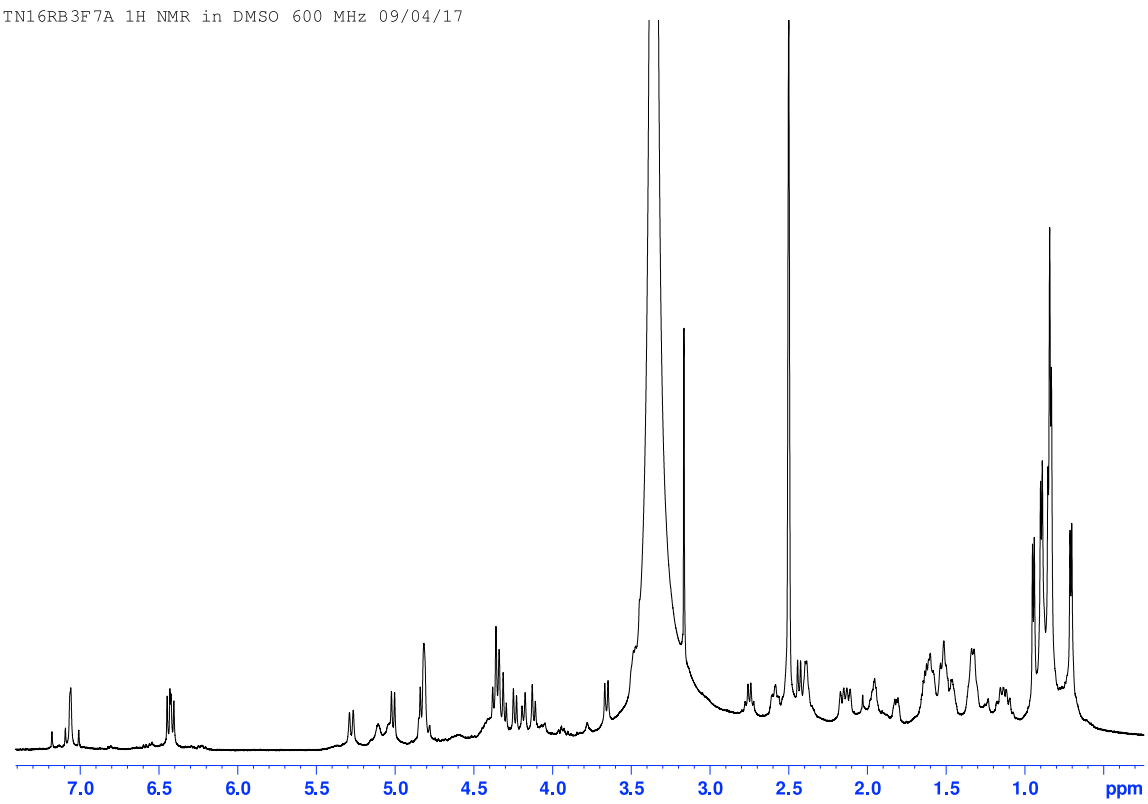


Figure S1. ^{1}H NMR spectrum of trivirensol A (**11**) in DMSO-d_6

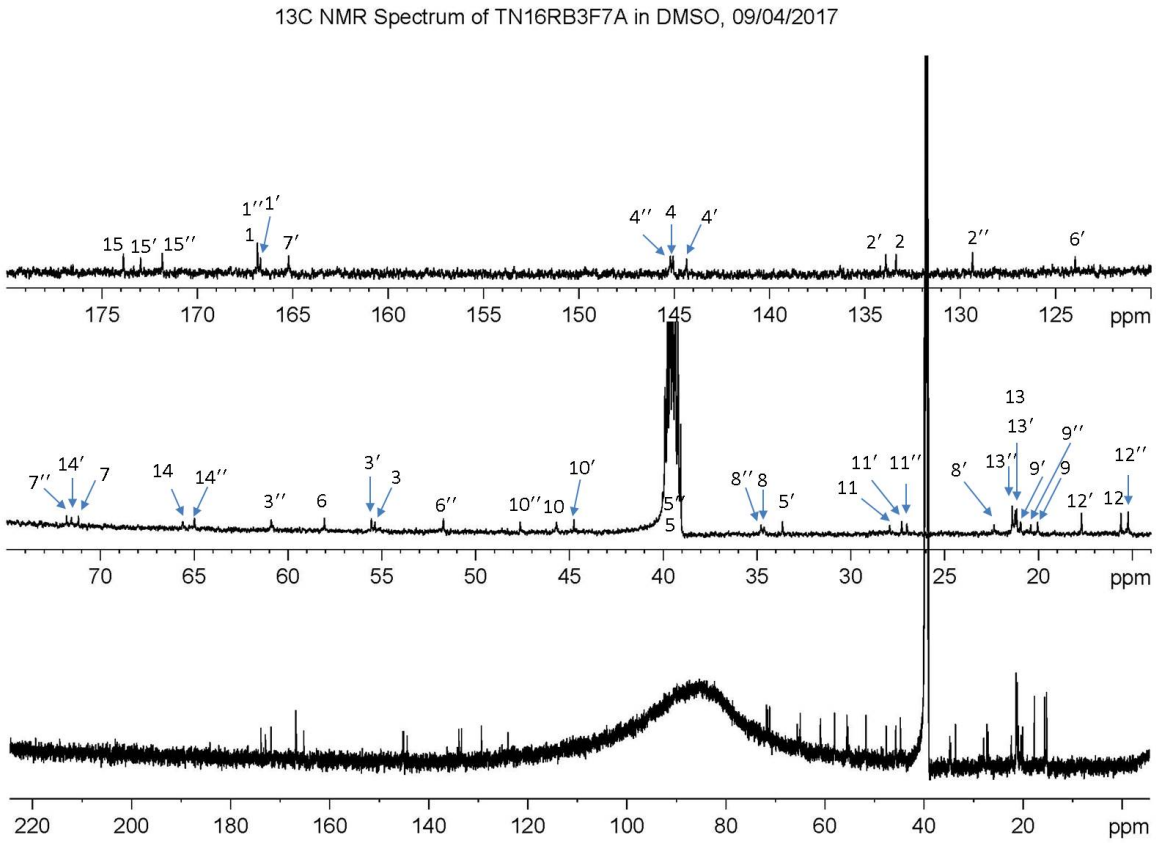


Figure S2. ^{13}C NMR spectrum of trivirensol A (**11**) in DMSO-d_6

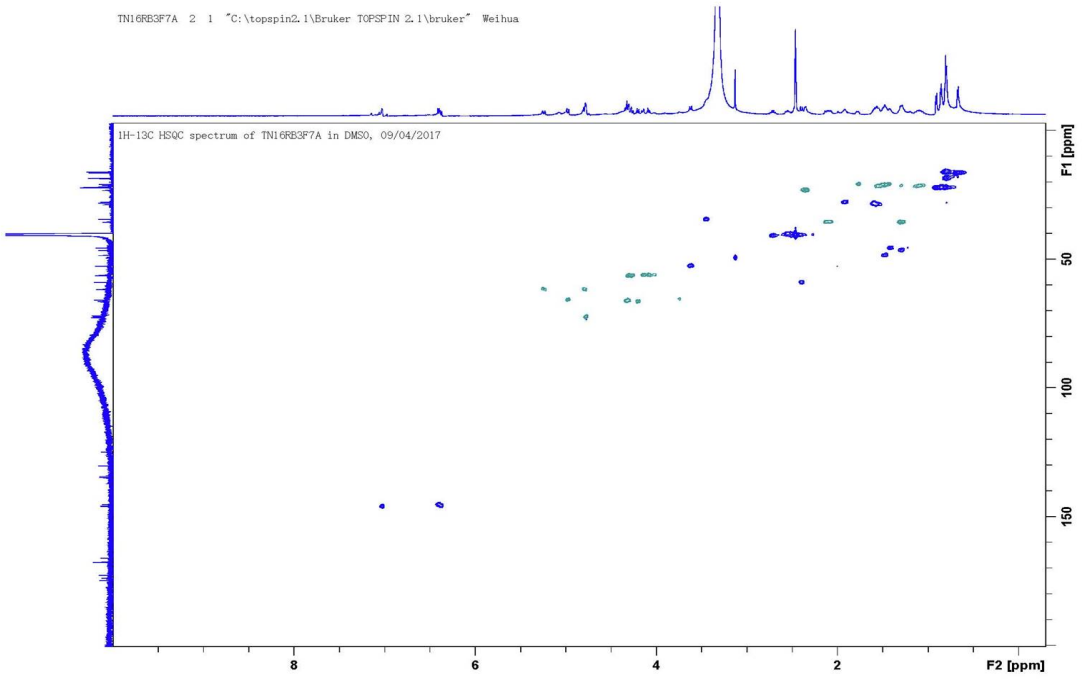


Figure S3. HSQC spectrum of trivirensol A (**11**) in DMSO-d_6

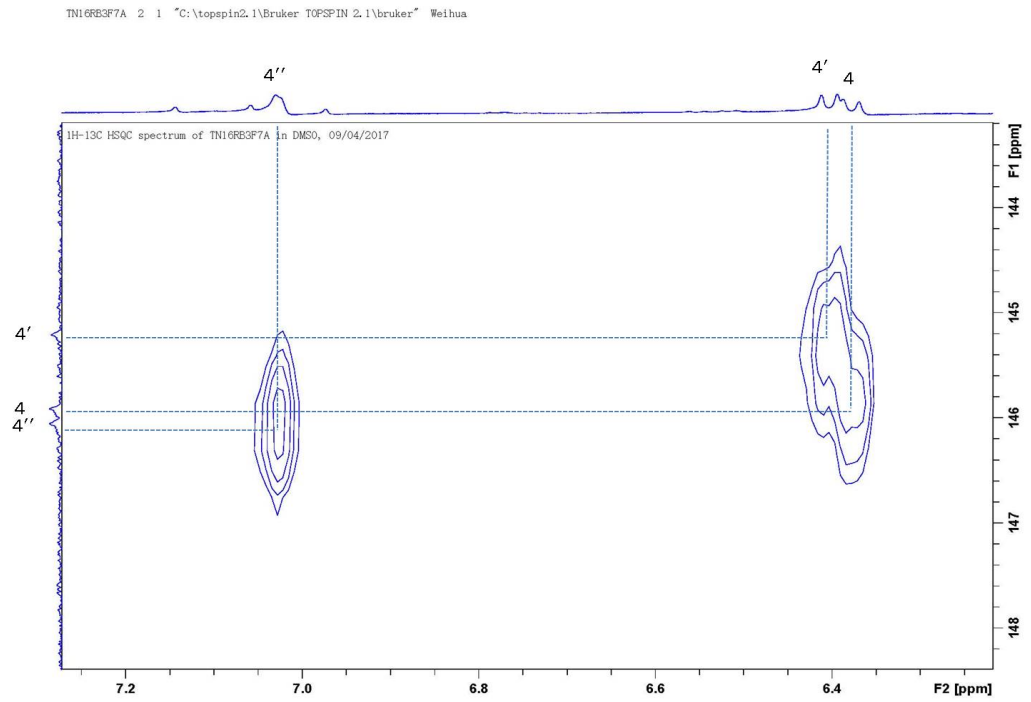


Figure S4. HSQC spectrum of trivirensol A (**11**) in DMSO-d_6

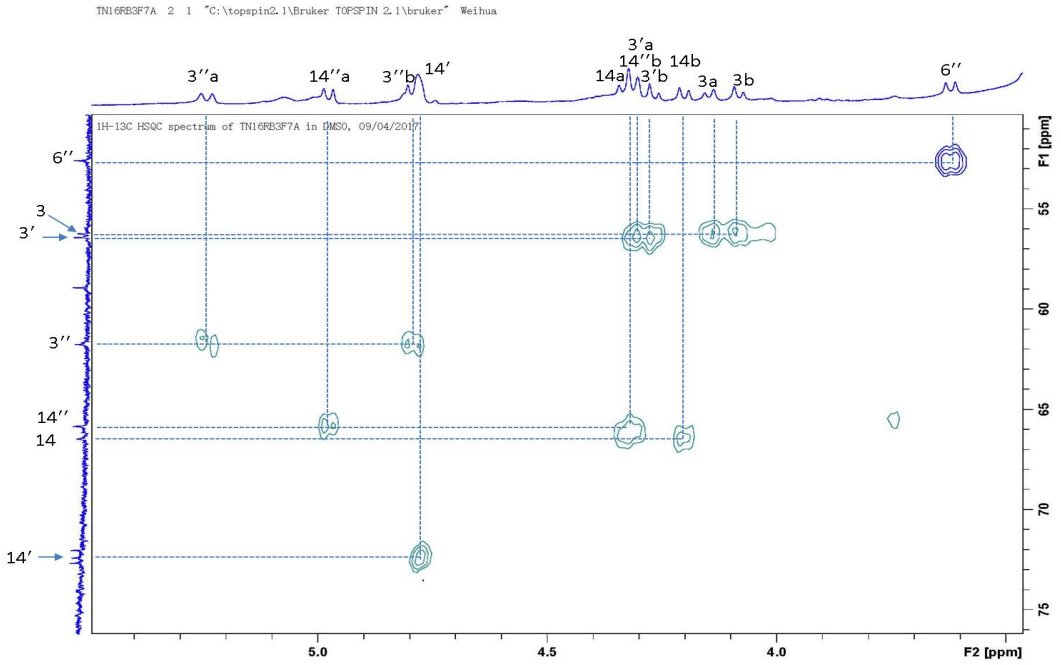


Figure S5. HSQC spectrum of trivirensol A (**11**) in DMSO-d_6

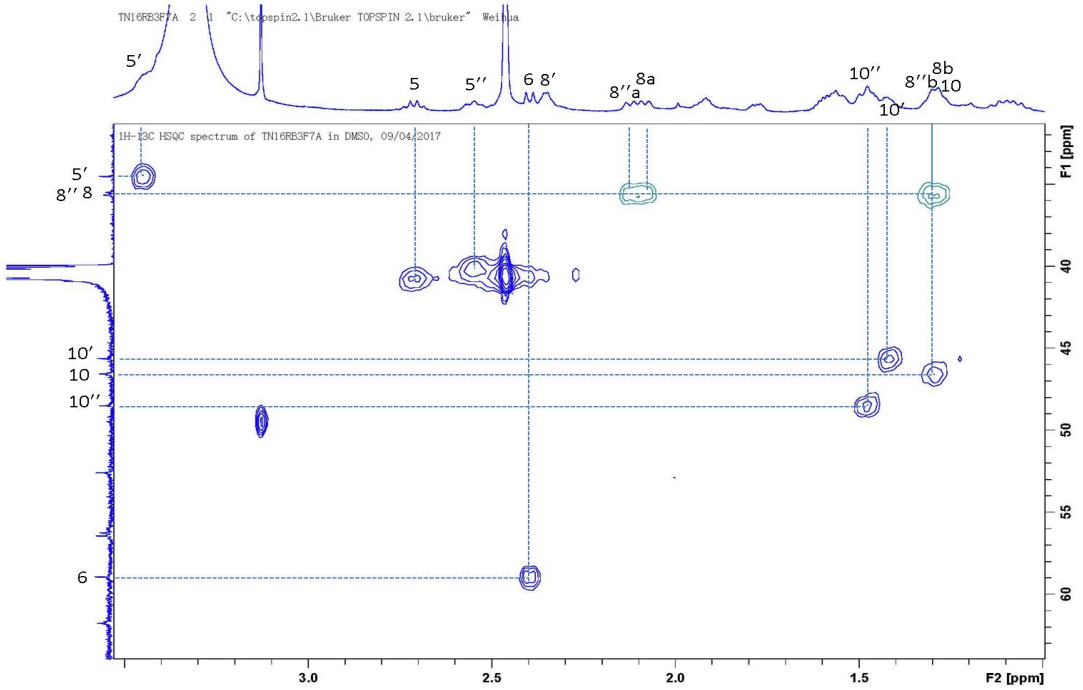


Figure S6. HSQC spectrum of trivirensol A (**11**) in DMSO-d_6

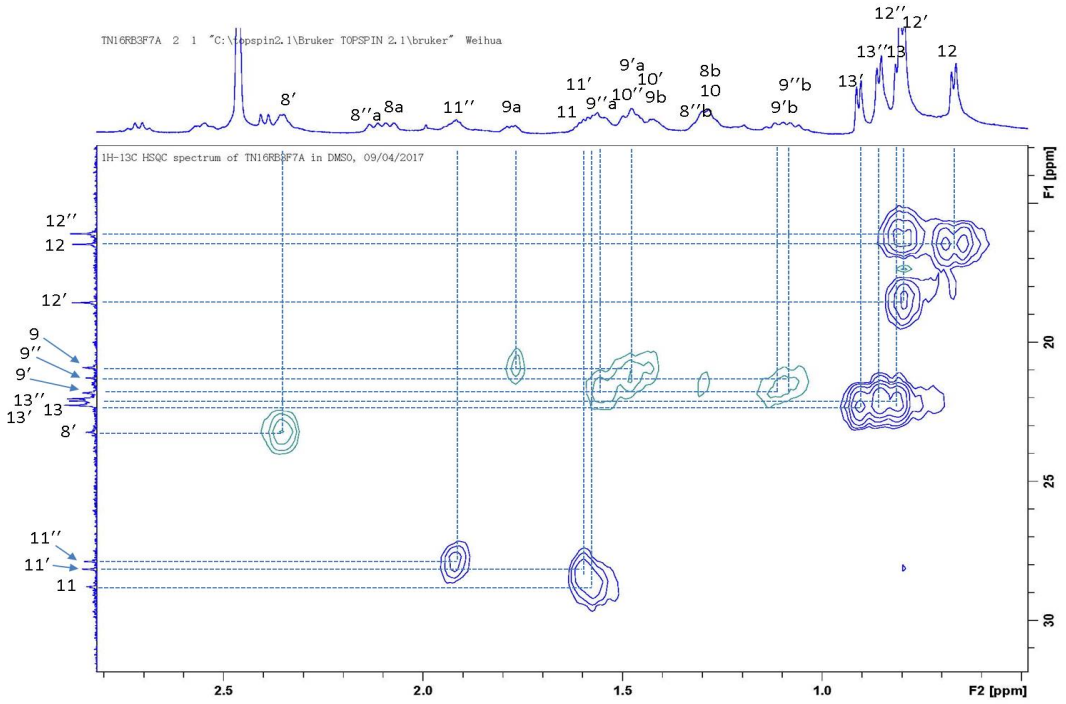


Figure S7. HSQC spectrum of trivirensol A (**11**) in DMSO-d_6

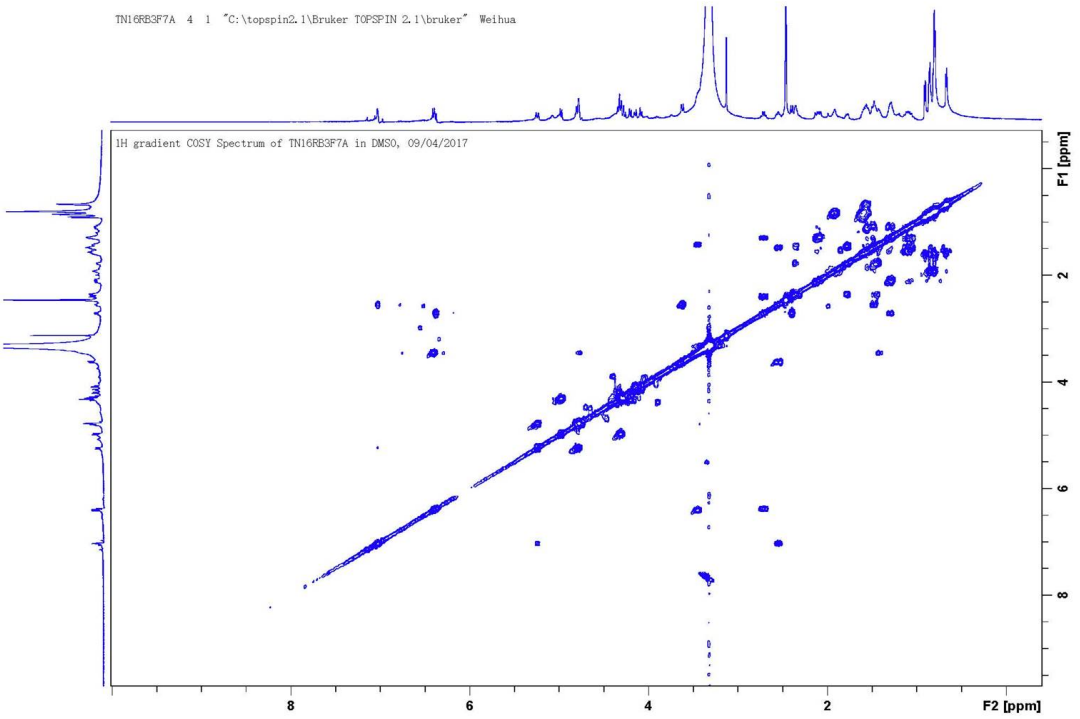


Figure S8. ^{1}H-^{1}H COSY spectrum of trivirensol A (**11**) in DMSO-d_6

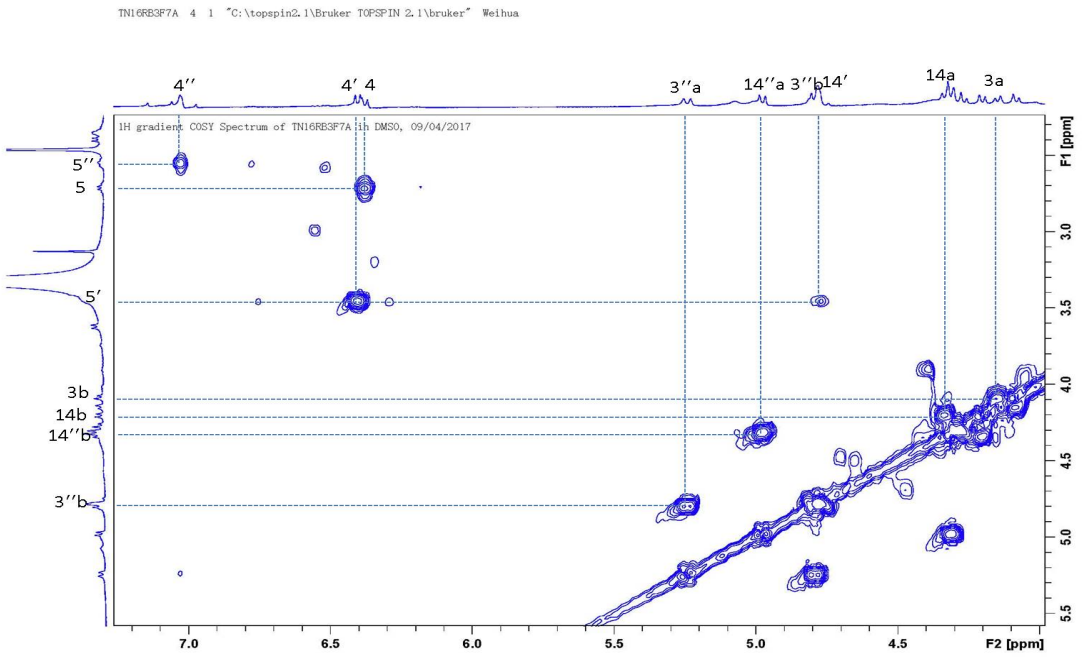


Figure S9. ^{1}H-^{1}H COSY spectrum of trivirensol A (**11**) in DMSO-d_6

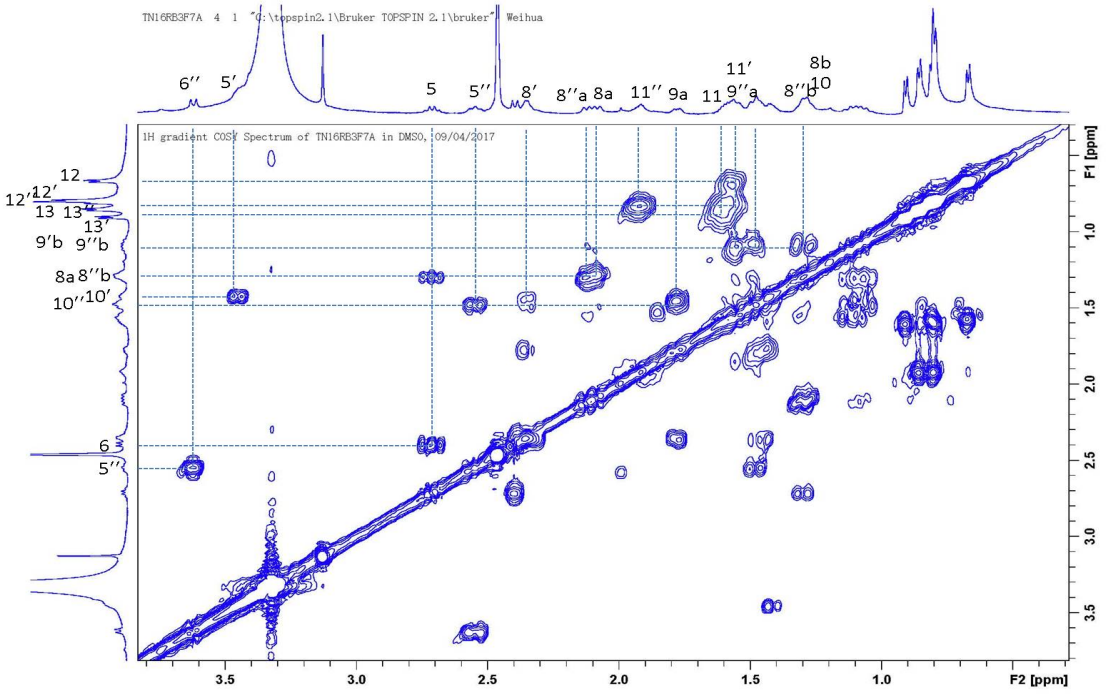


Figure S10. ^{1}H-^{1}H COSY spectrum of trivirensol A (**11**) in DMSO-d_6

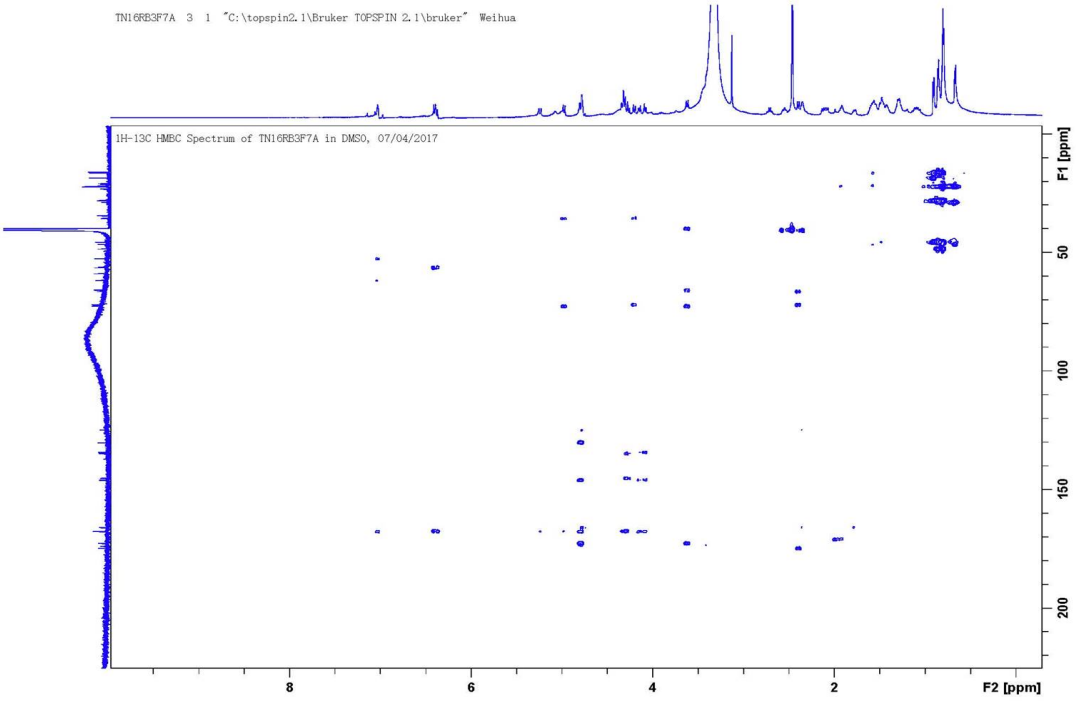


Figure S11. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

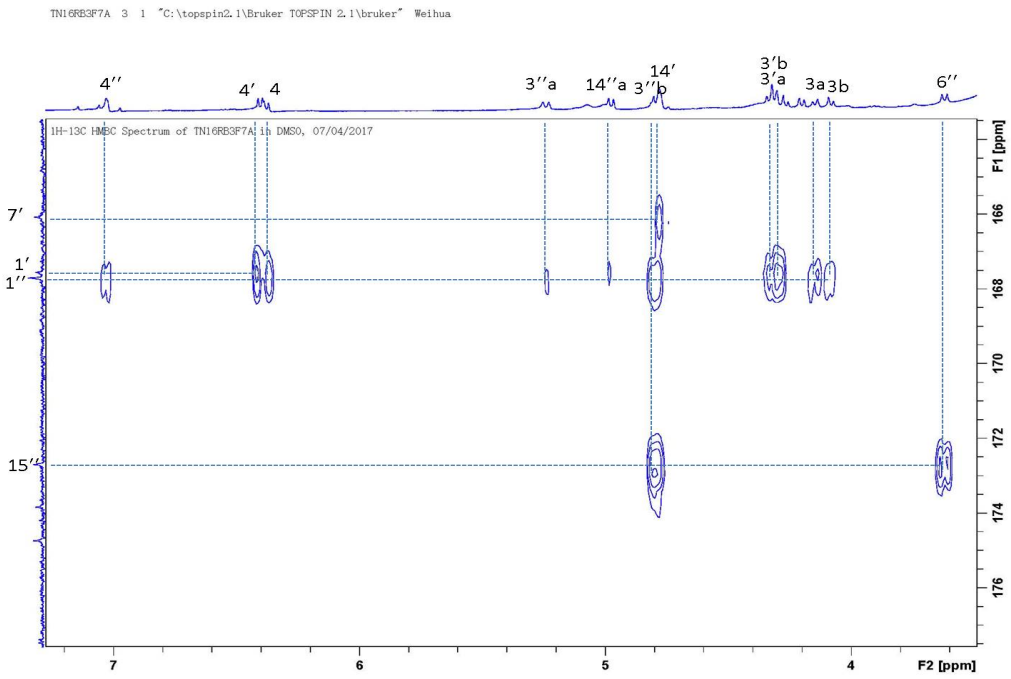


Figure S12. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

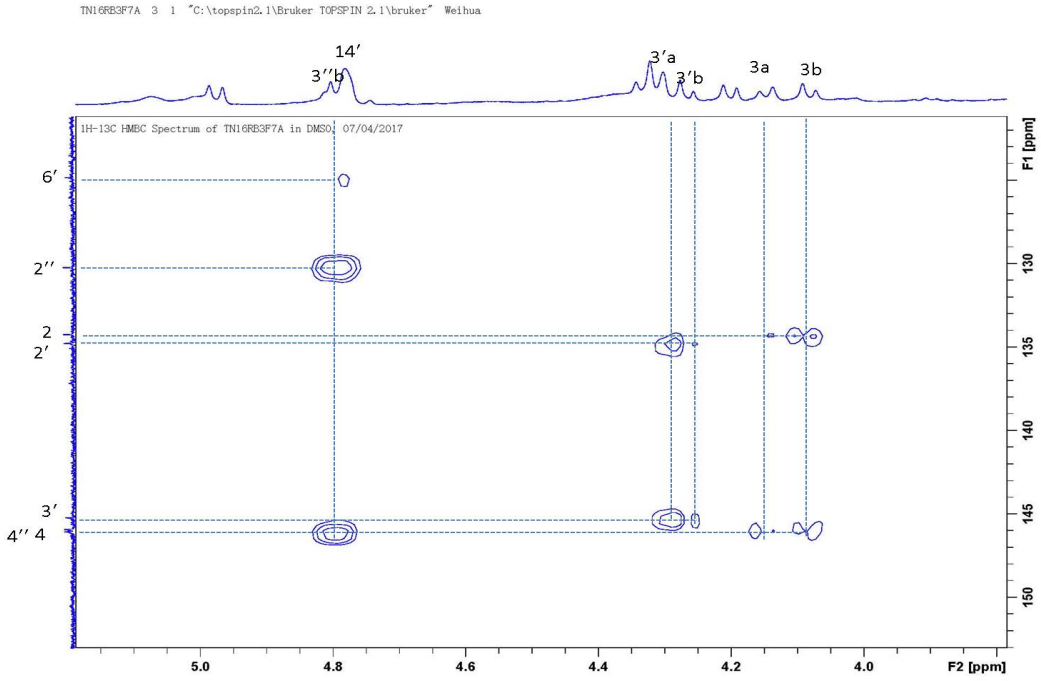


Figure S13. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

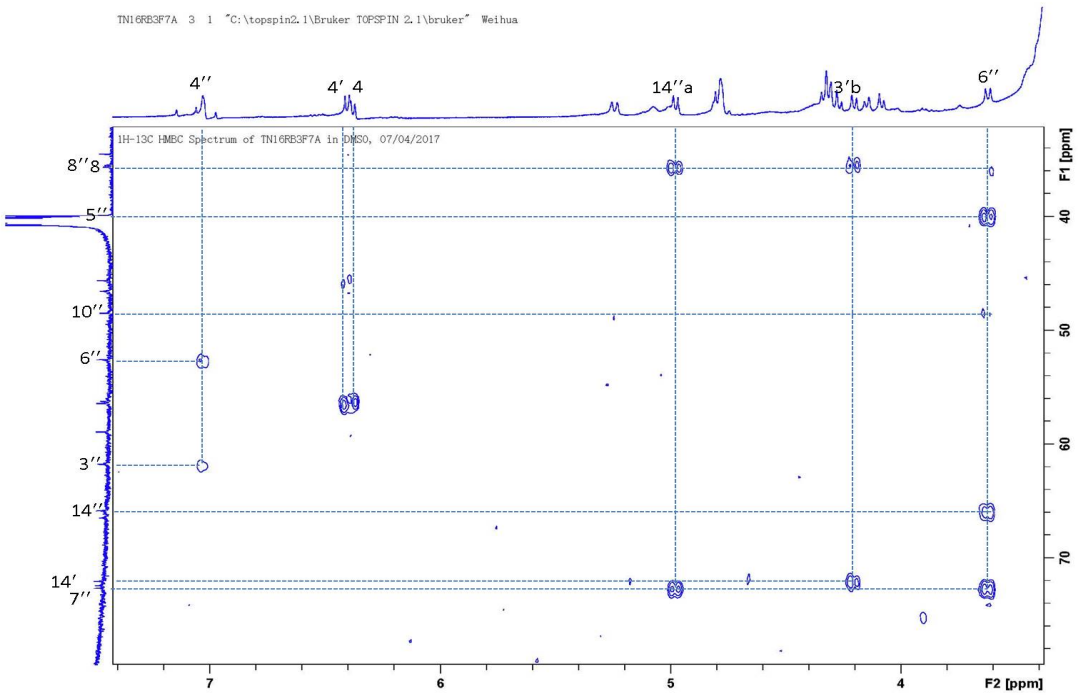


Figure S14. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

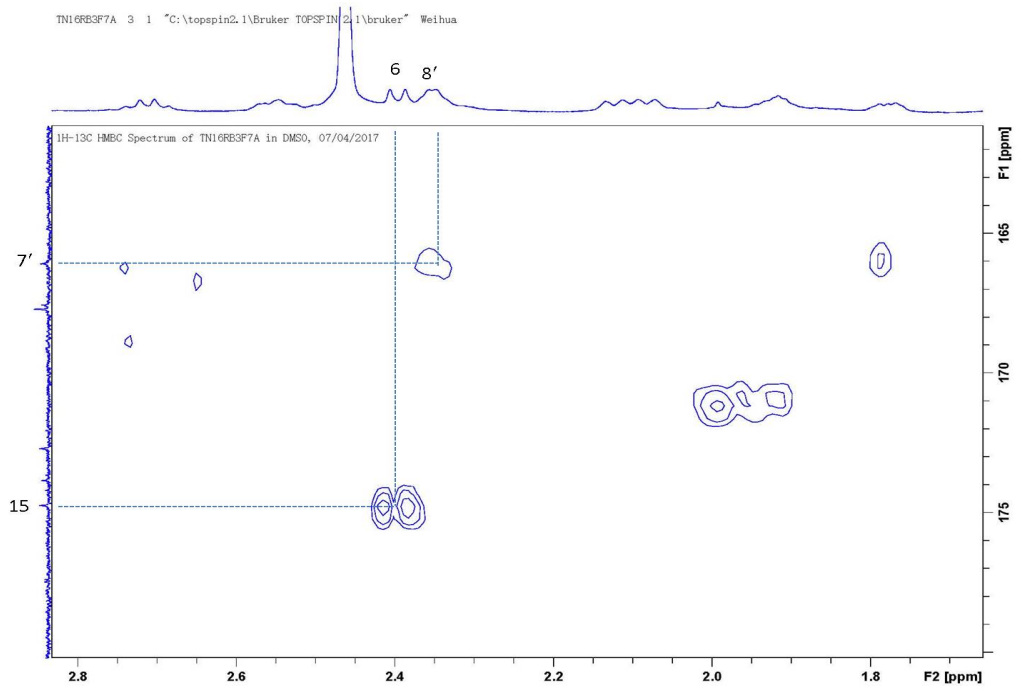


Figure S15. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

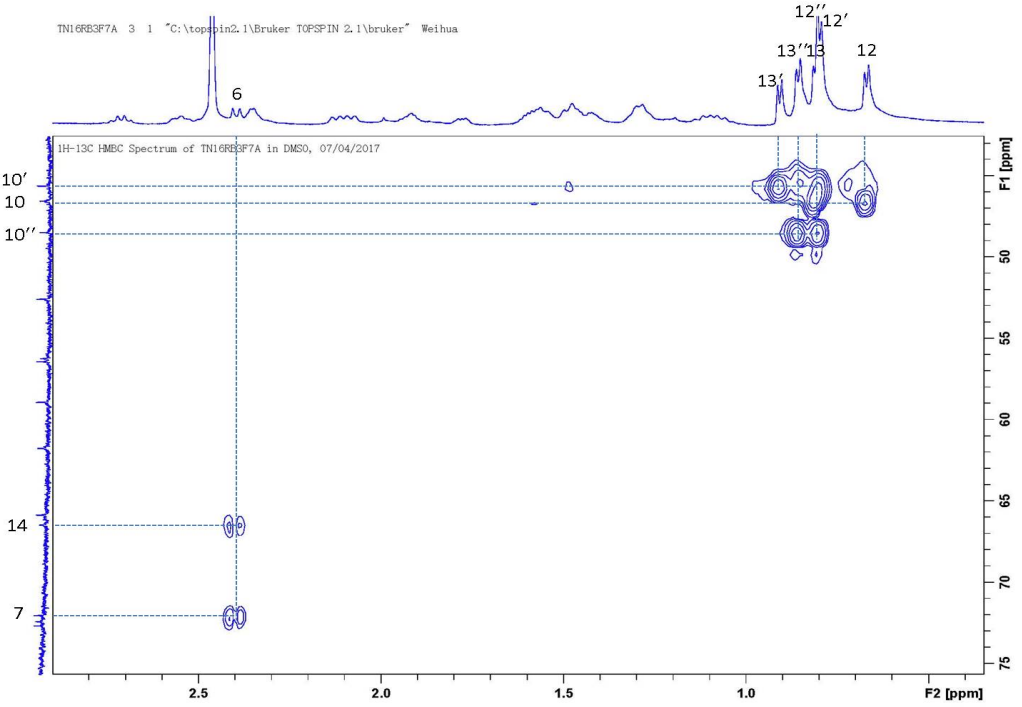


Figure S16. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

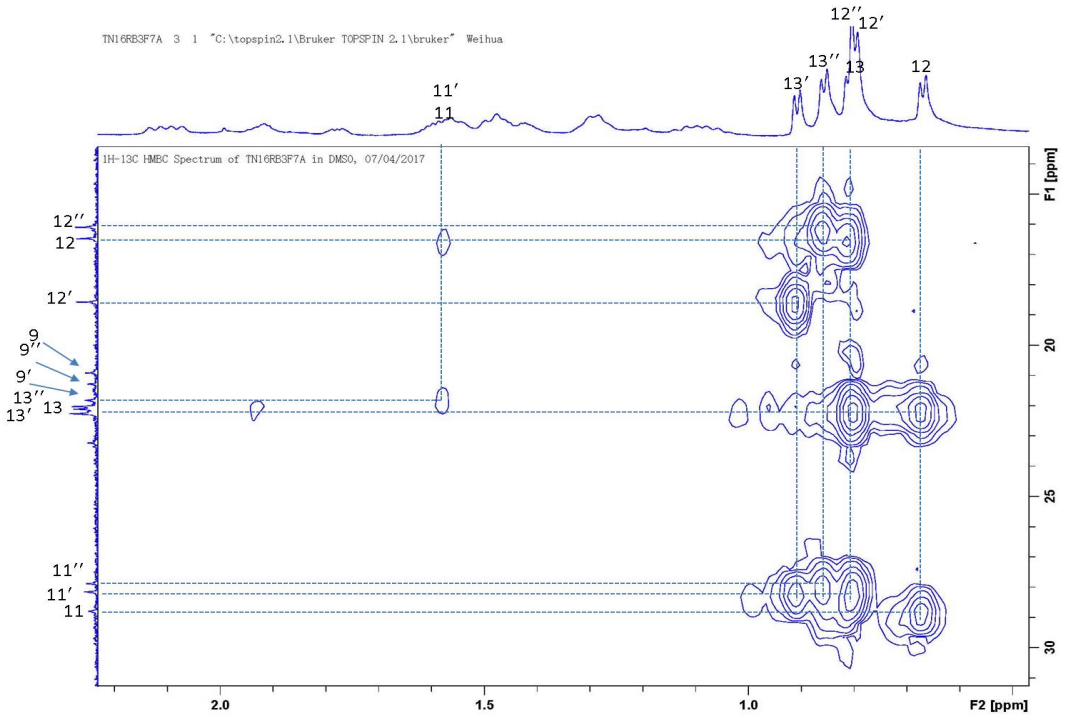


Figure S17. HMBC spectrum of trivirensol A (**11**) in DMSO-d_6

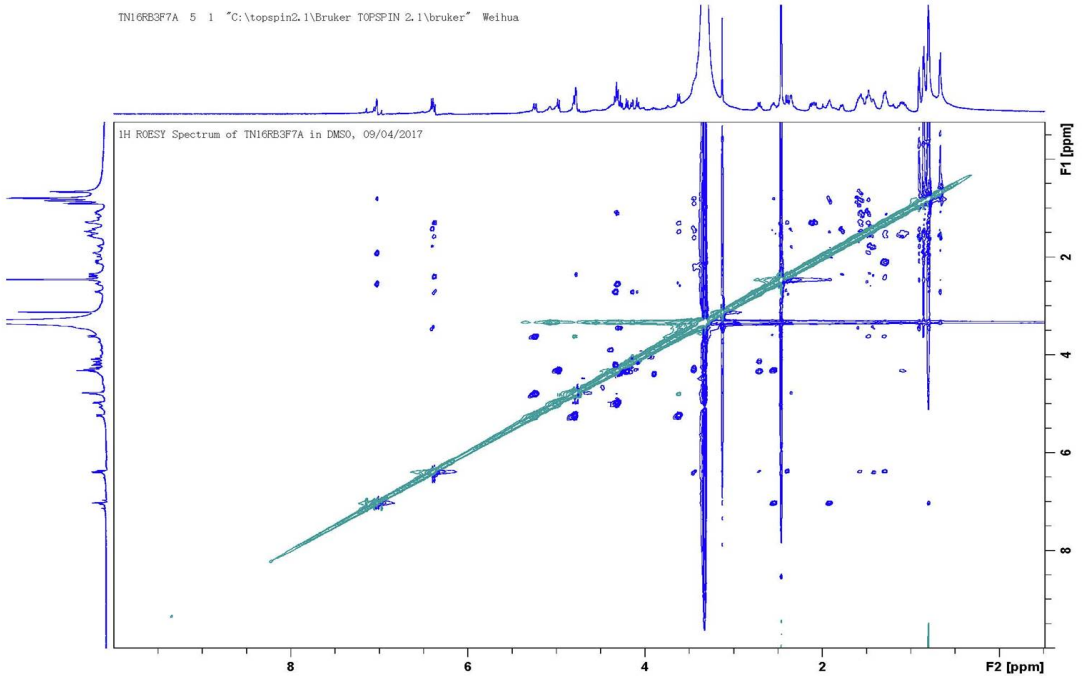


Figure S18. ROESY spectrum of trivirensol A (**11**) in DMSO-d_6

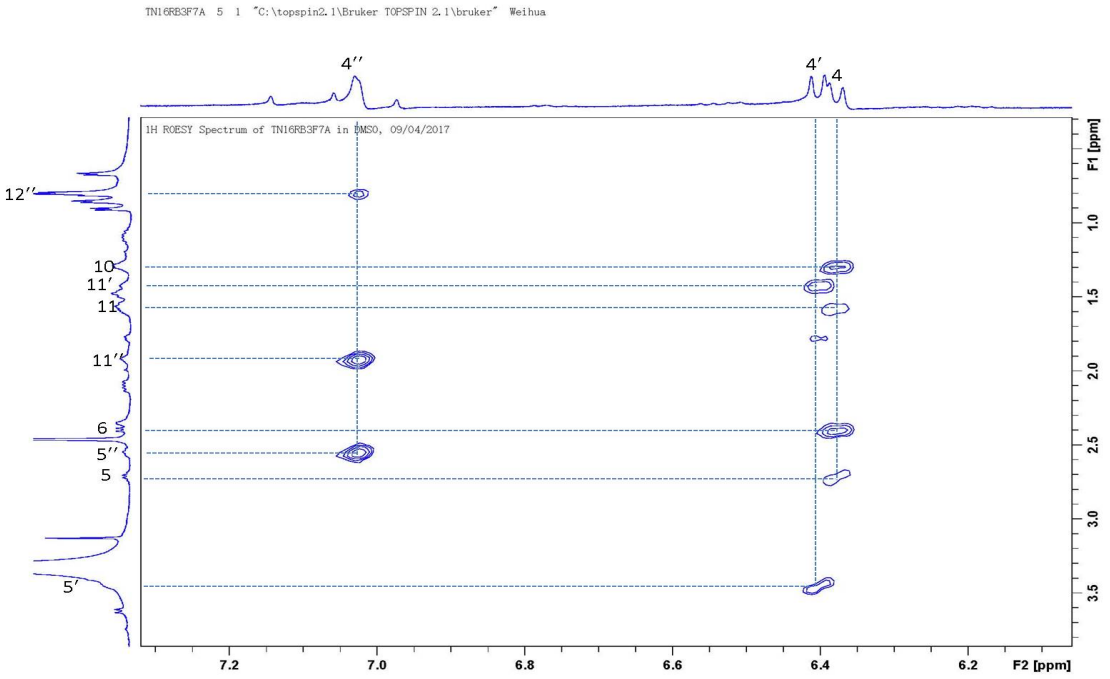


Figure S19. ROESY spectrum of trivirensol A (**11**) in DMSO-d_6

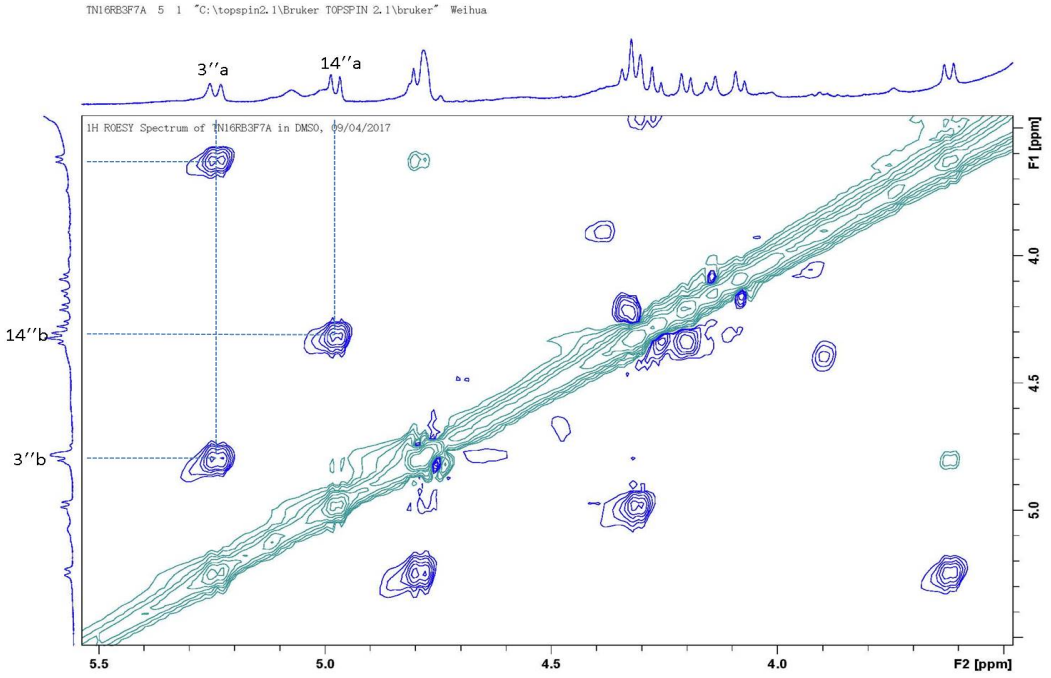


Figure S20. ROESY spectrum of trivirensol A (**11**) in DMSO-d_6

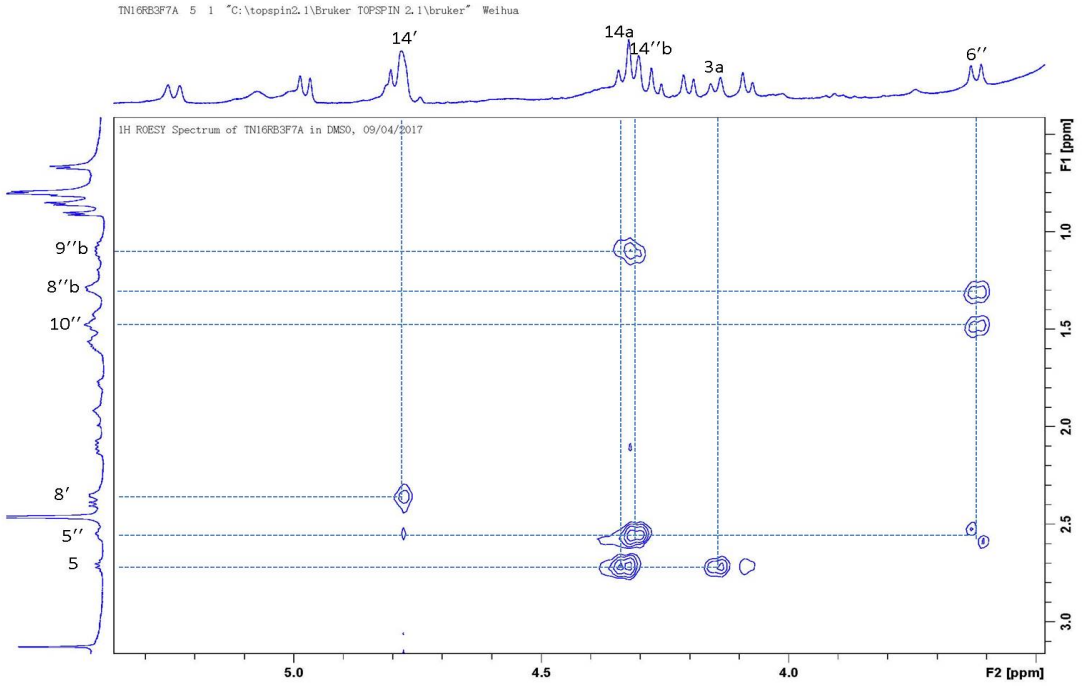


Figure S21. ROESY spectrum of trivirensol A (**11**) in DMSO-d_6

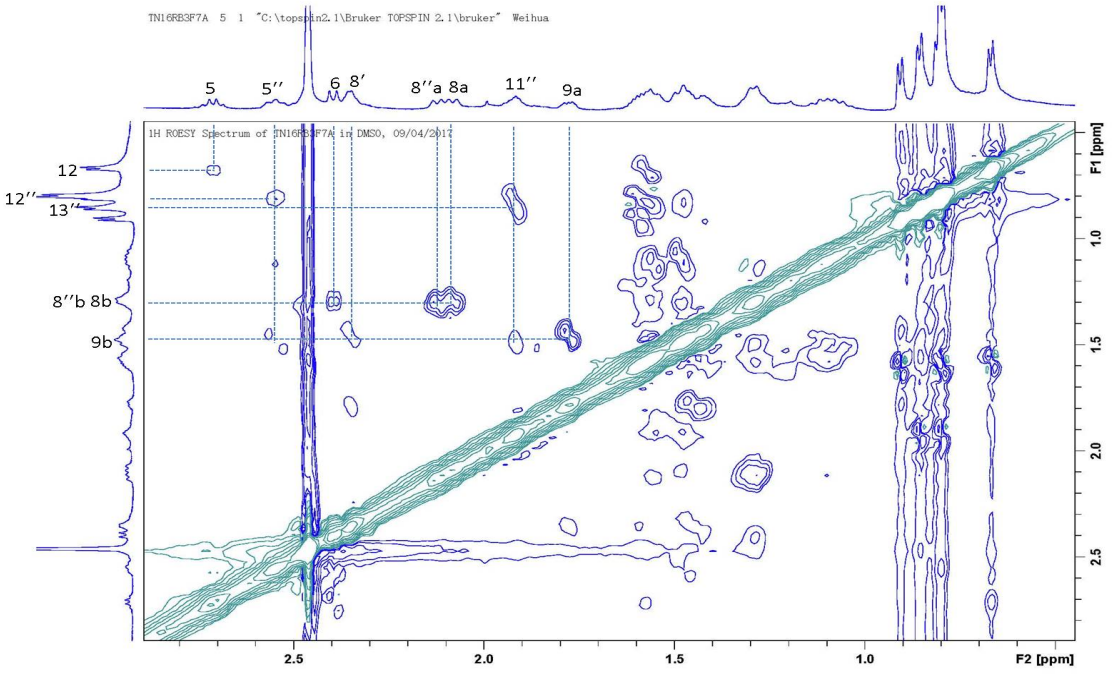
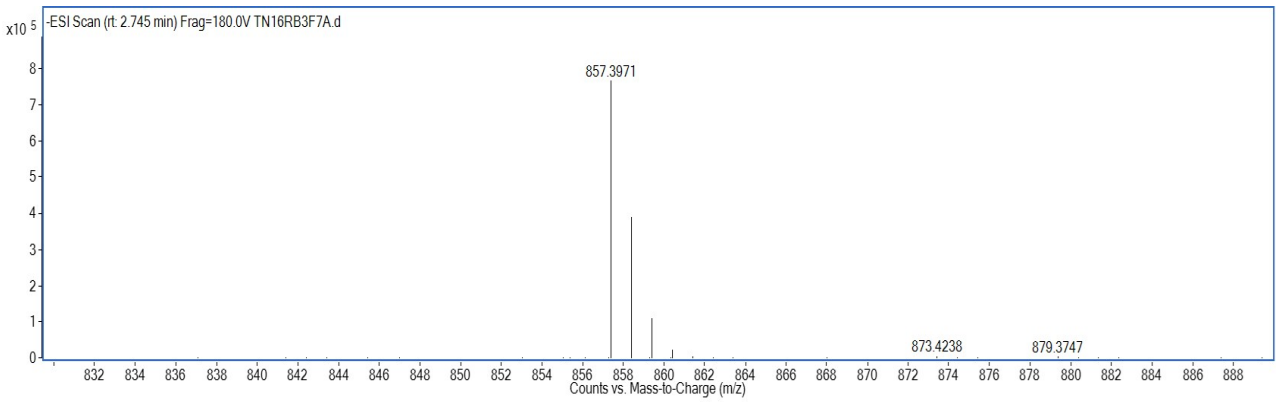


Figure S22. ROESY spectrum of trivirensol A (**11**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C45 H62 O16	(M-H)-	857.3971	98.77	-0.28	98.77	858.4038	15

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	857.3971	97.52	99.87		98.77	98.77	98.08	765246.1	C45 H61 O16

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
760945	59.1	100	857.3965	-0.6	765246.1	100	59.5	857.3971	-0.71
380334.3	29.6	50	858.3999	0.2	389693.5	50.9	30.3	858.3997	0.25
118064.8	9.2	15.5	859.4028	0.4	109768.3	14.3	8.5	859.4024	0.44
27344.4	2.1	3.6	860.4056	1.3	21980.6	2.9	1.7	860.4042	1.53

Figure S23. HRESIMS spectrum of trivirensol A (**11**)

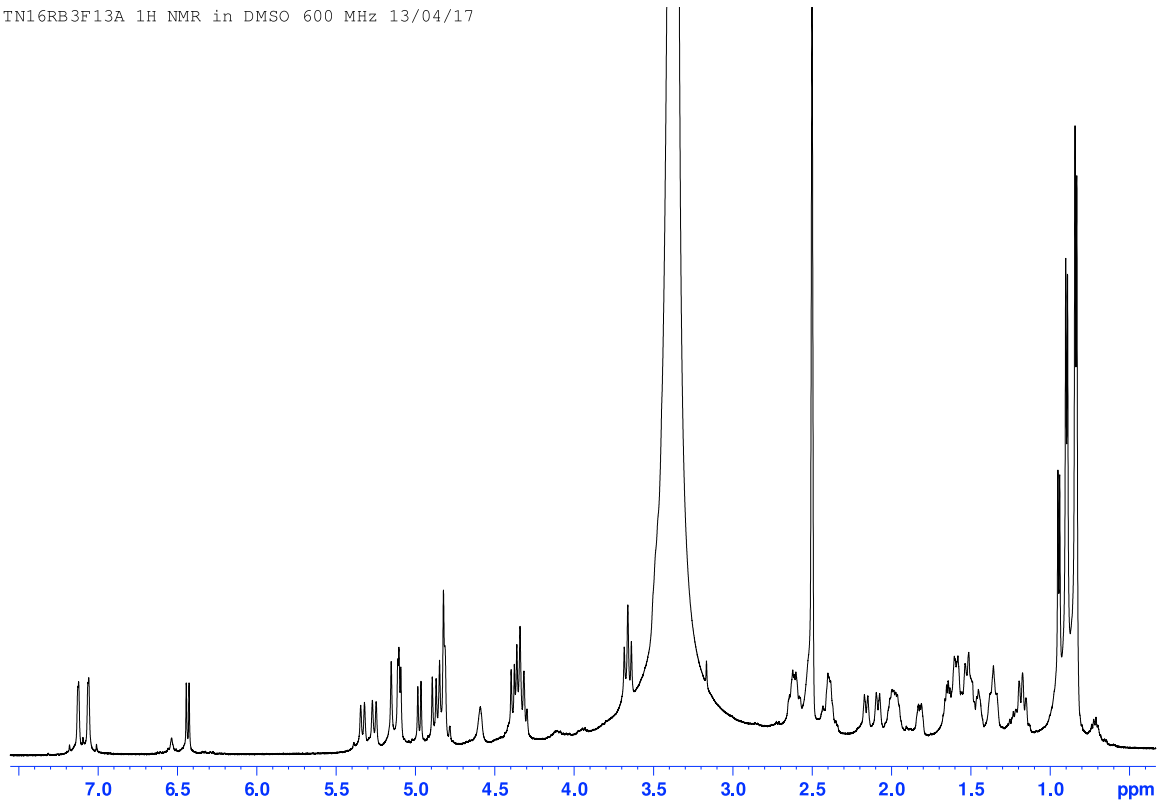


Figure S24. ^{1}H NMR spectrum of trivirensol B (**12**) in DMSO-d_6

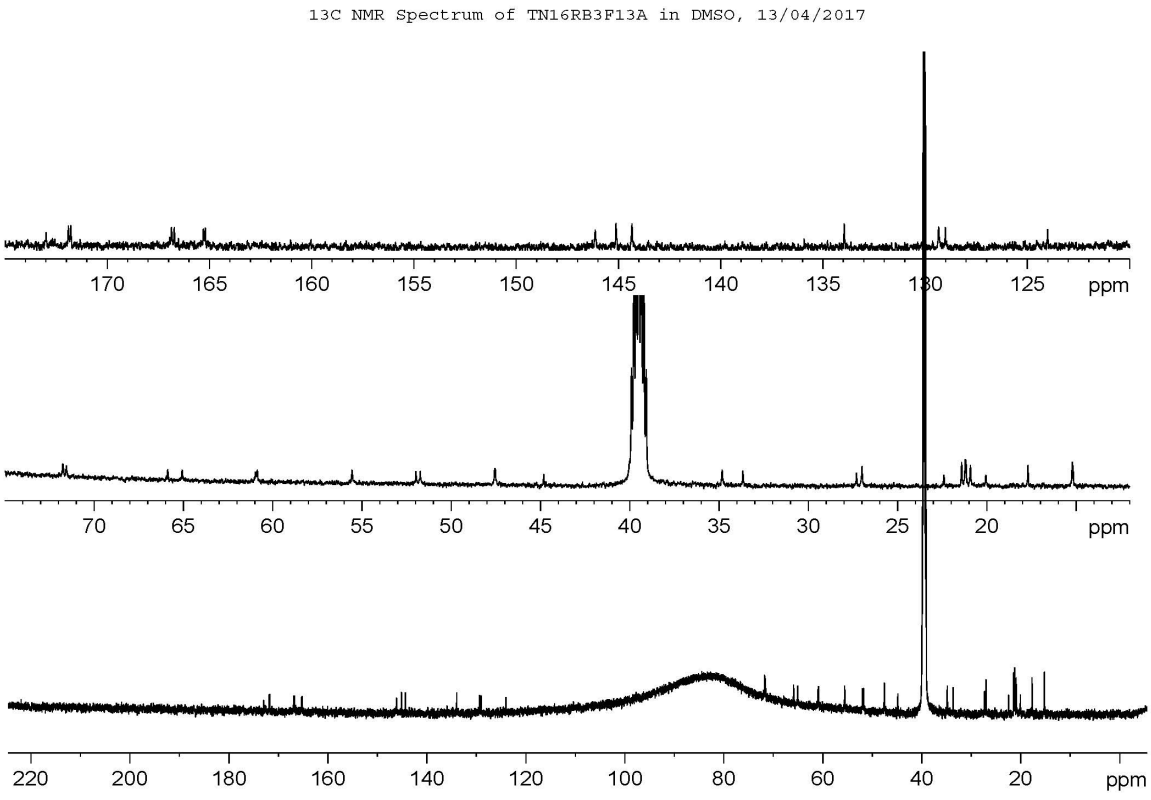
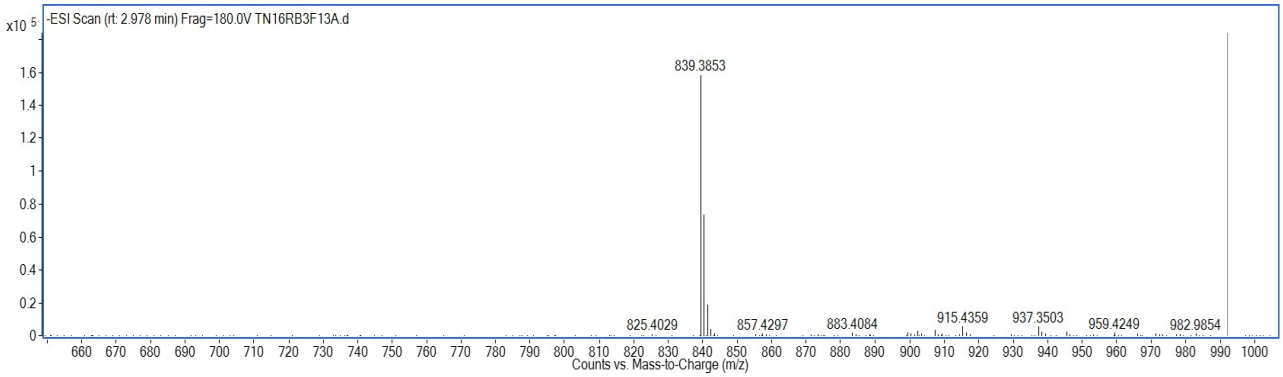


Figure S25. ^{13}C NMR spectrum of trivirensol B (**12**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C45 H60 O15	(M-H)-	839.3853	97.83	0.65	97.83	840.3932	16

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	839.3853	93.87	99.35		97.83	97.83	99.57	158523.5	C45 H59 O15

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
151203.9	59.3	100	839.3859	0.7	158523.5	100	62.2	839.3853	0.78
75482.1	29.6	49.9	840.3893	0.2	73490.9	46.4	28.8	840.3892	0.22
23103.3	9.1	15.3	841.3922	0.9	18721.9	11.8	7.3	841.3914	1.02
5264.2	2.1	3.5	842.395	1.1	4317.2	2.7	1.7	842.3939	1.35

Figure S26. HRESIMS spectrum of trivirensol B (**12**)

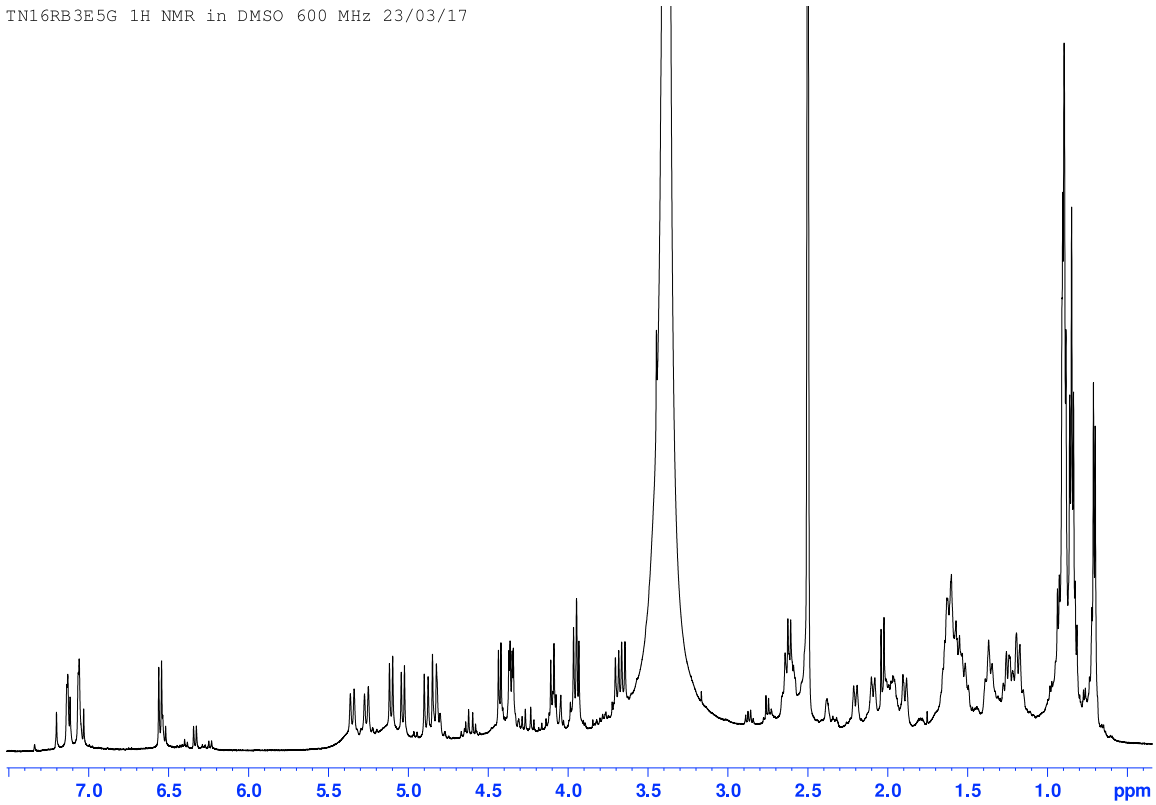


Figure S27. ^{1}H NMR spectrum of trivirensol C (**13**) in DMSO-d_6

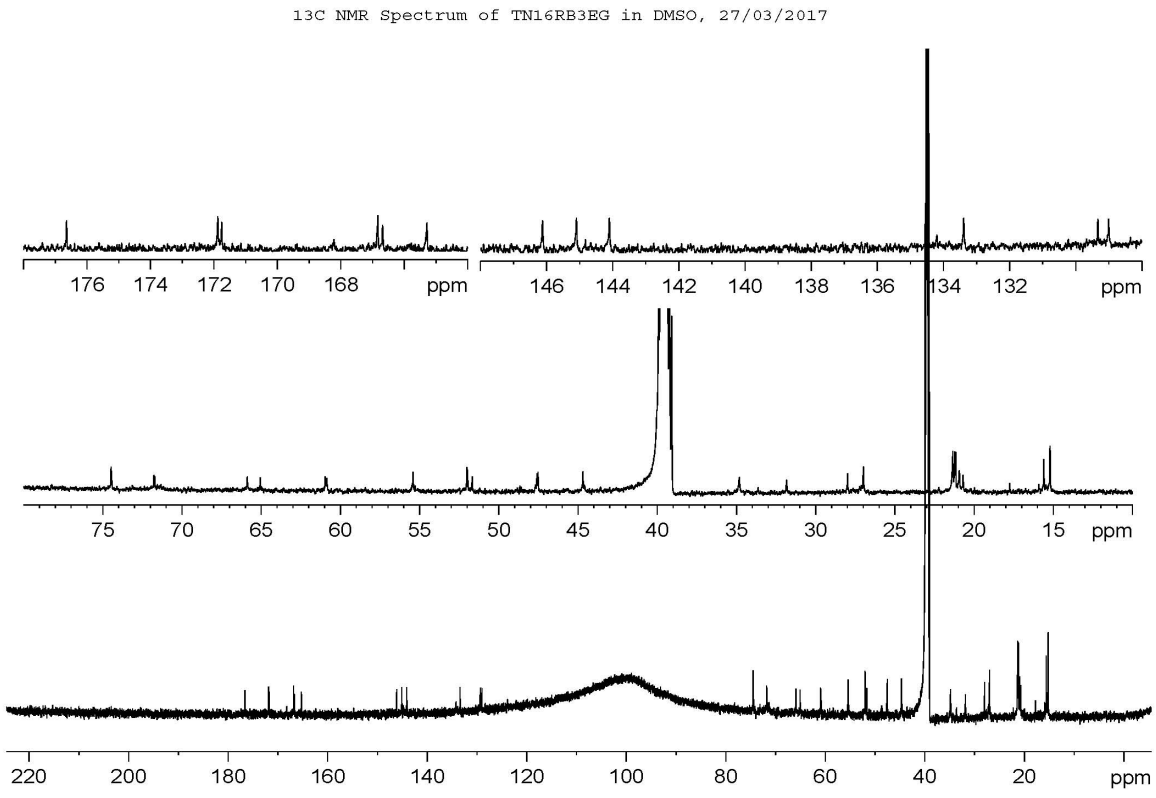
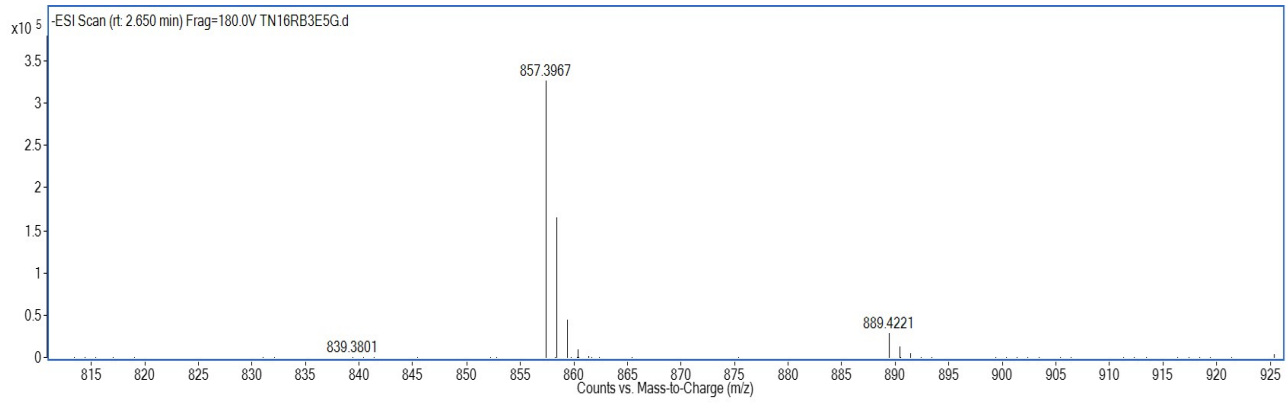


Figure S28. ^{13}C NMR spectrum of trivirensol C (**13**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C45 H62 O16	(M-H)-	857.3967	98.85	-0.04	98.85	858.4038	15

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	857.3967	96.46	100		98.85	98.85	99.4	327019.7	C45 H61 O16

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
323035.8	59.1	100	857.3965	-0.2	327019.7	100	59.9	857.3967	-0.19
161459.2	29.6	50	858.3999	0.3	165399.9	50.6	30.3	858.3996	0.32
50120.8	9.2	15.5	859.4028	-0.7	44477.4	13.6	8.1	859.4035	-0.86
11608.2	2.1	3.6	860.4056	2.3	9327.1	2.9	1.7	860.4032	2.72

Figure S29. HRESIMS spectrum of trivirensol C (**13**)

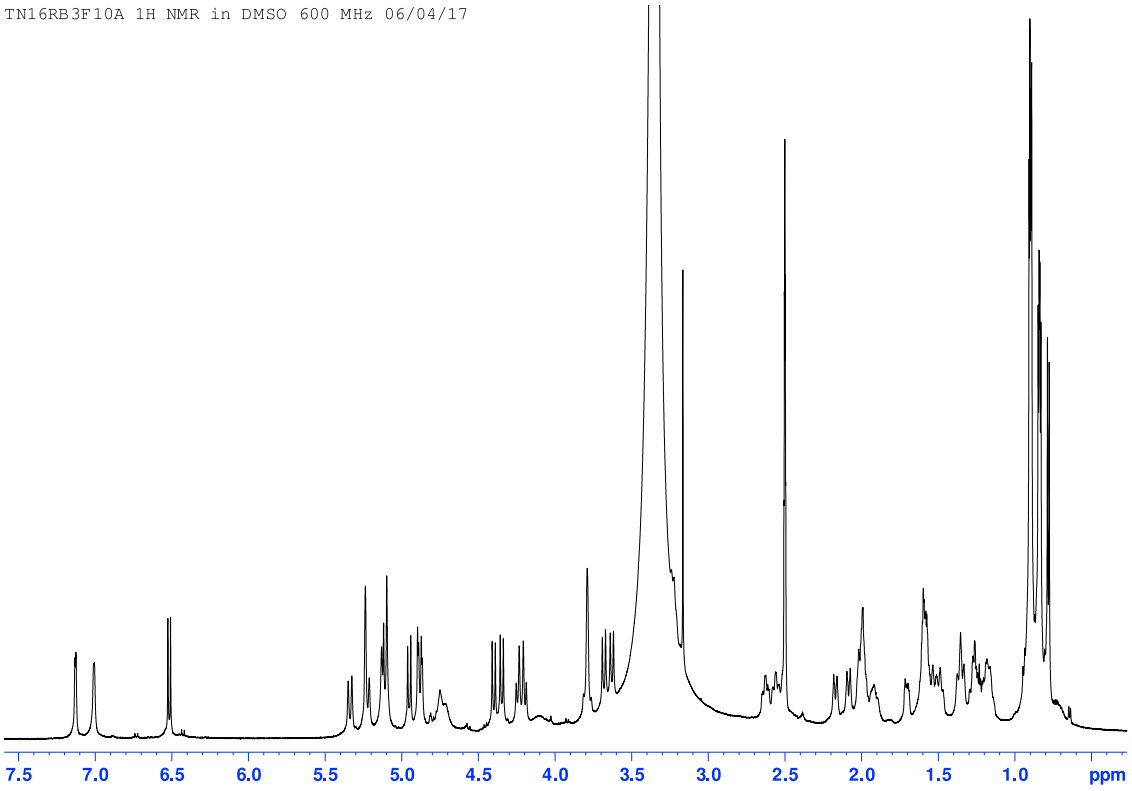


Figure S30. ^{1}H NMR spectrum of trivirensol D (**14**) in DMSO-d_6

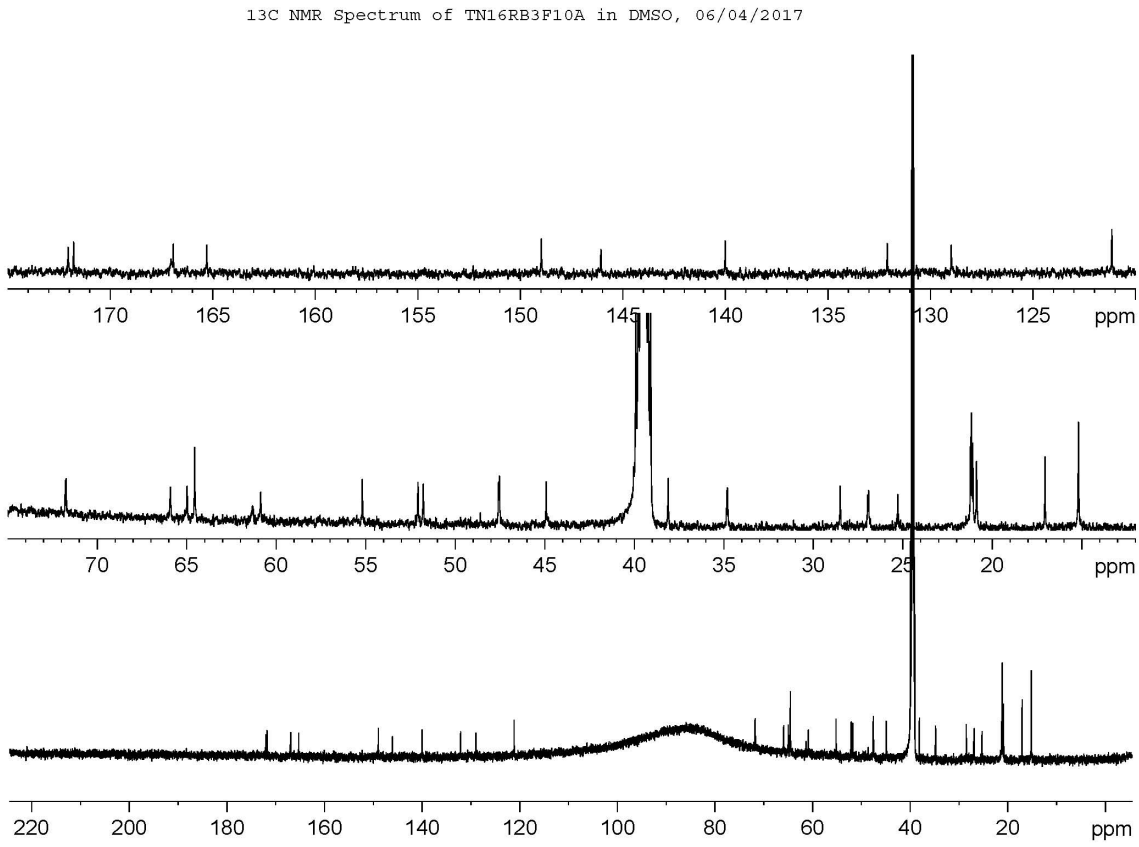
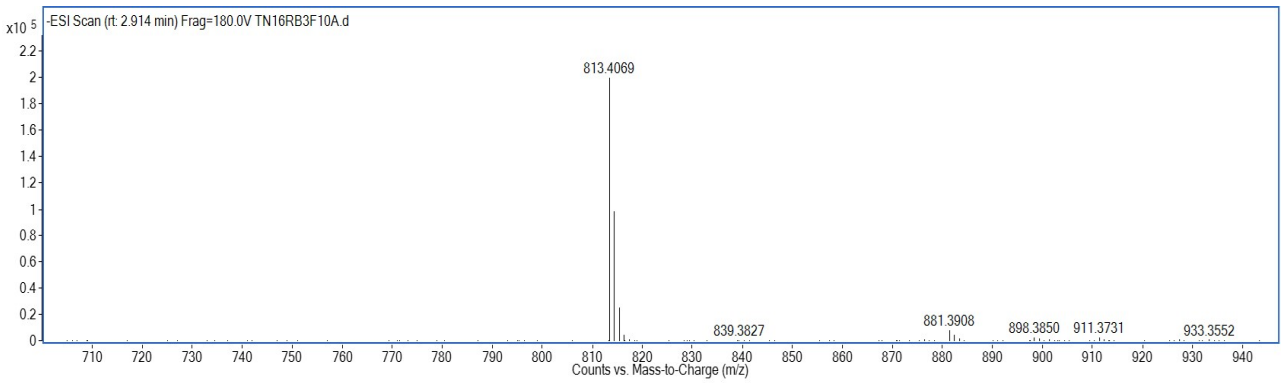


Figure S31. ^{13}C NMR spectrum of trivirensol D (**14**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C44 H62 O14	(M-H)-	813.4069	98.7	0.01	98.7	814.414	14

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	813.4069	96.11	100		98.7	98.7	99.23	199863.2	C44 H61 O14

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
196589	60	100	813.4067	-0.2	199863.2	100	61	813.4069	-0.28
95982.8	29.3	48.8	814.4101	0.4	98241.4	49.2	30	814.4097	0.44
28581	8.7	14.5	815.413	0.2	24967.1	12.5	7.6	815.4128	0.19
6329.1	1.9	3.2	816.4158	1.8	4410.1	2.2	1.3	816.414	2.16

Figure S32. HRESIMS spectrum of trivirensol D (**14**)

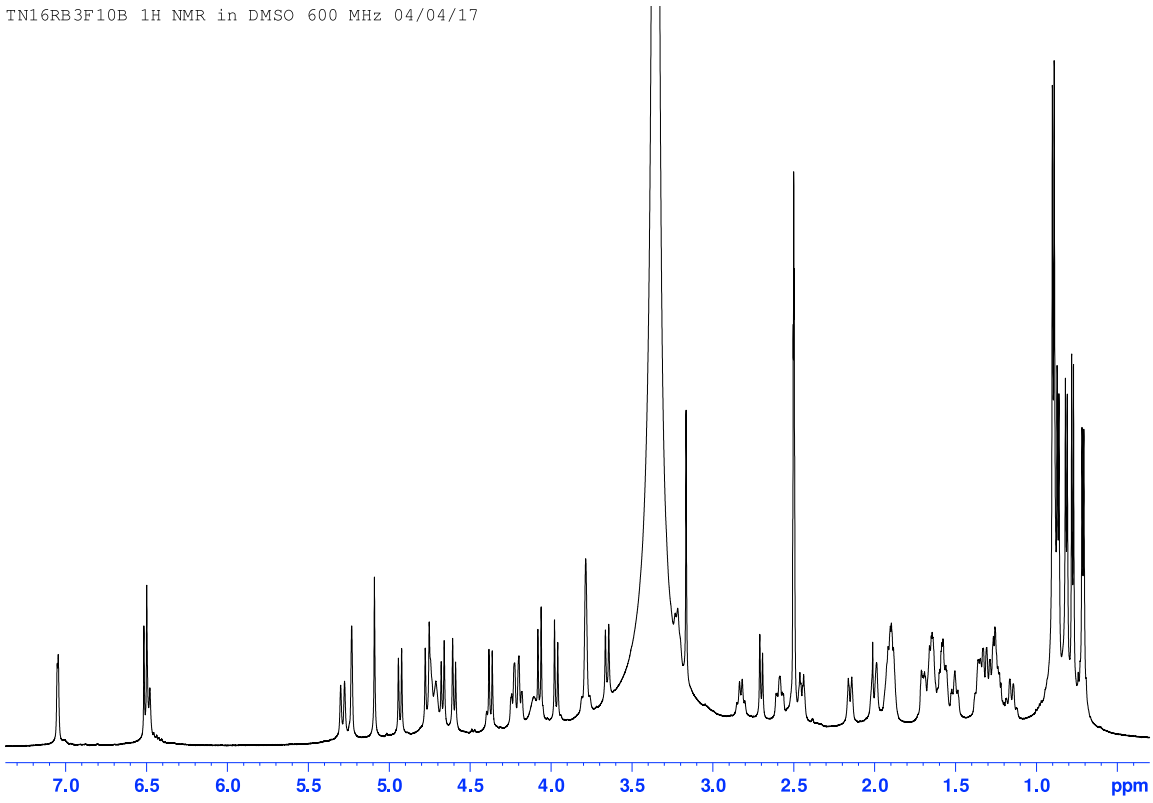


Figure S33. ^{1}H NMR spectrum of trivirensol E (**15**) in DMSO-d_6

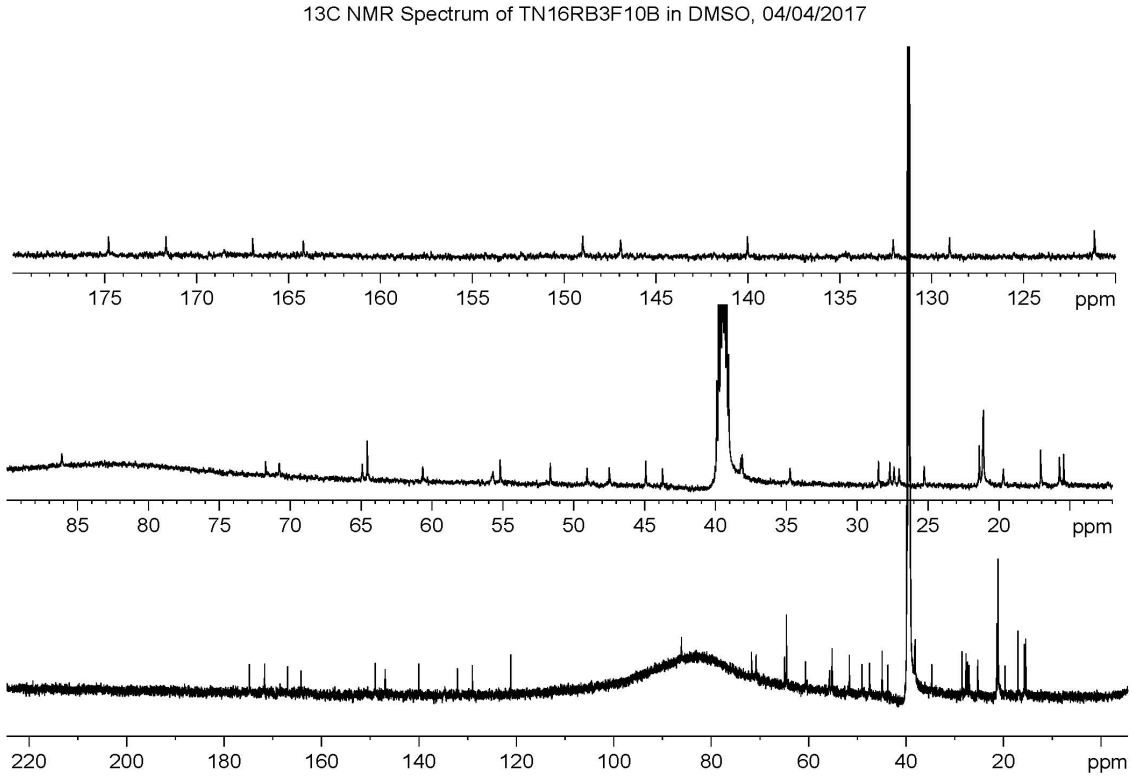
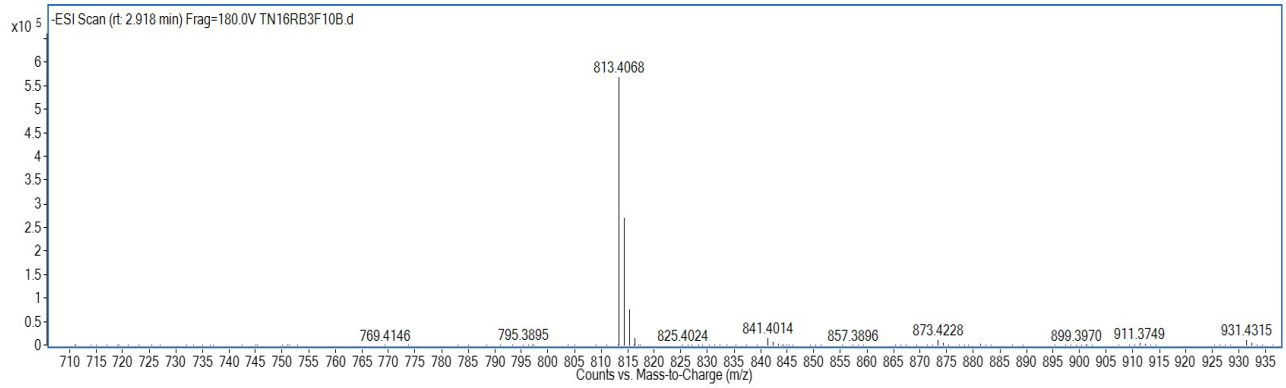


Figure S34. ^{13}C NMR spectrum of trivirensol E (**15**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C44 H62 O14	(M-H)-	813.4068	99.7	0.07	99.7	814.414	14

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	813.4068	99.18	99.99		99.7	99.7	99.73	568608.5	C44 H61 O14

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
558390.4	60	100	813.4067	-0.1	568608.5	100	61.1	813.4068	-0.13
272629	29.3	48.8	814.4101	0.3	269840.3	47.5	29	814.4098	0.31
81181.3	8.7	14.5	815.413	0.1	76649.8	13.5	8.2	815.4129	0.11
17977.2	1.9	3.2	816.4158	2.5	15079.3	2.7	1.6	816.4132	3.11

Figure S35. HRESIMS spectrum of trivirensol E (**15**)

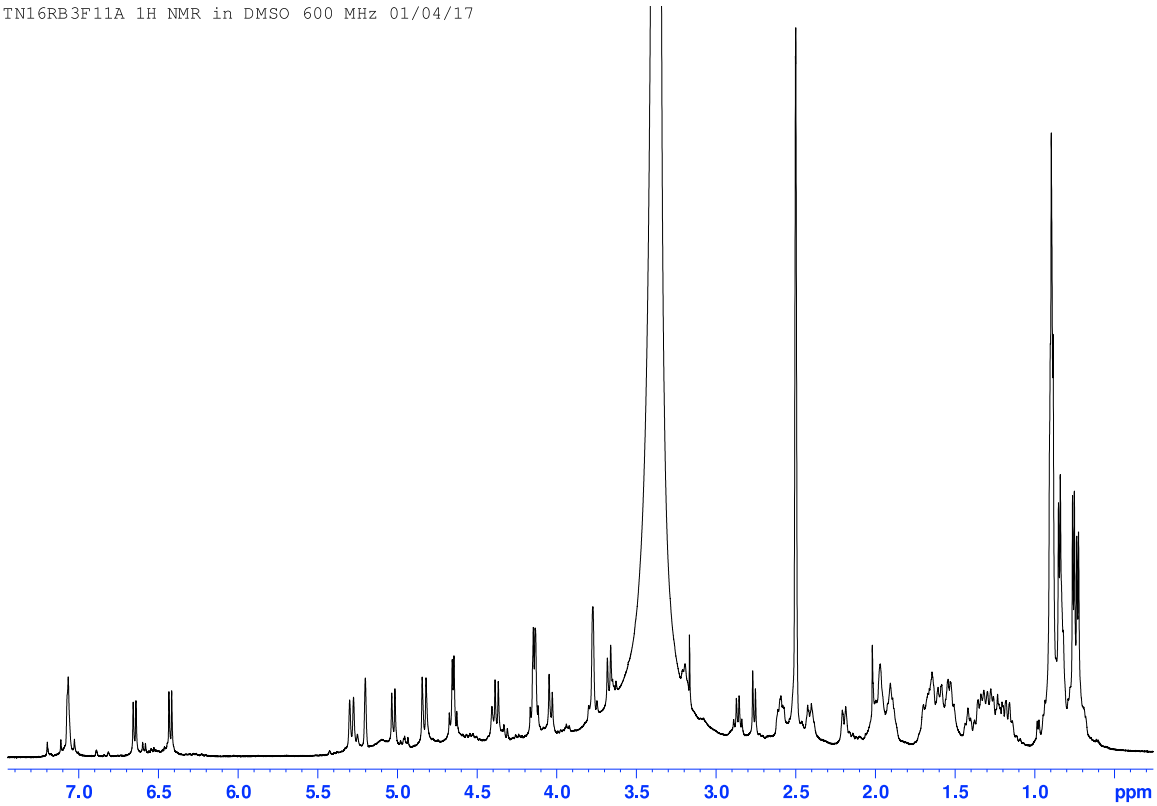


Figure S36. ^{1}H NMR spectrum of trivirensol F (**16**) in DMSO-d_6

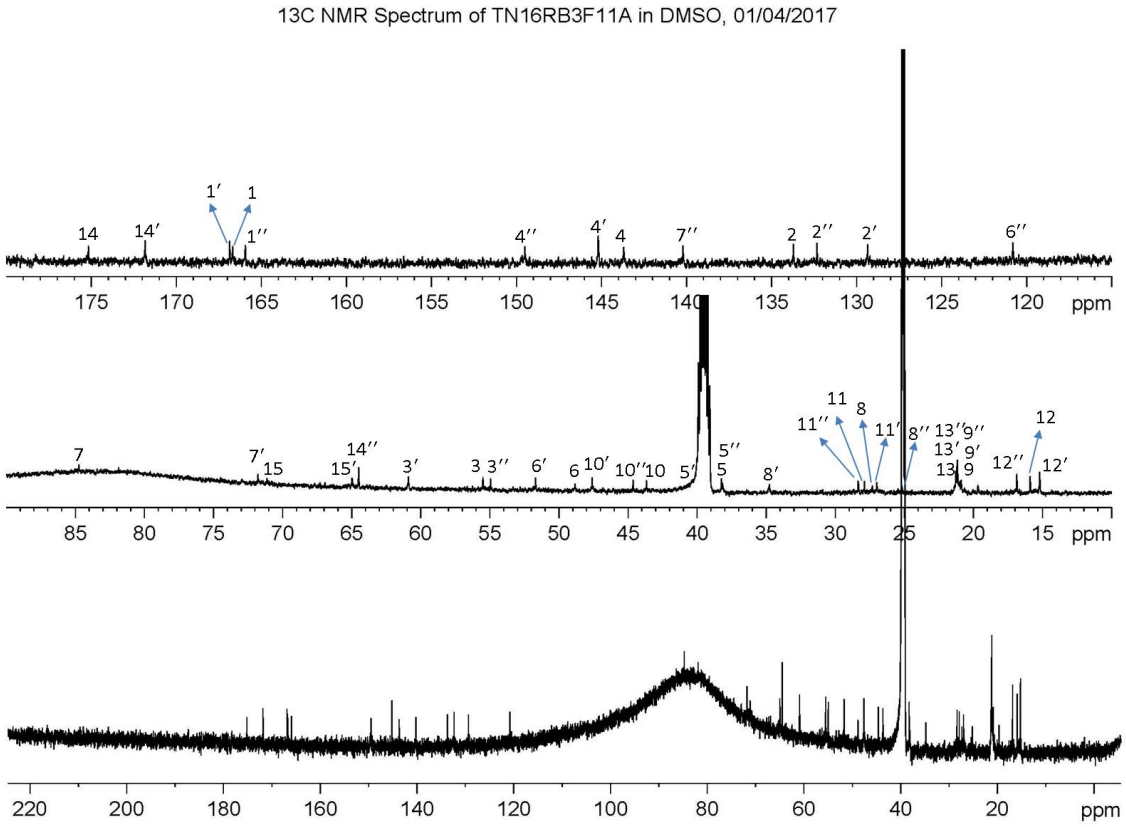
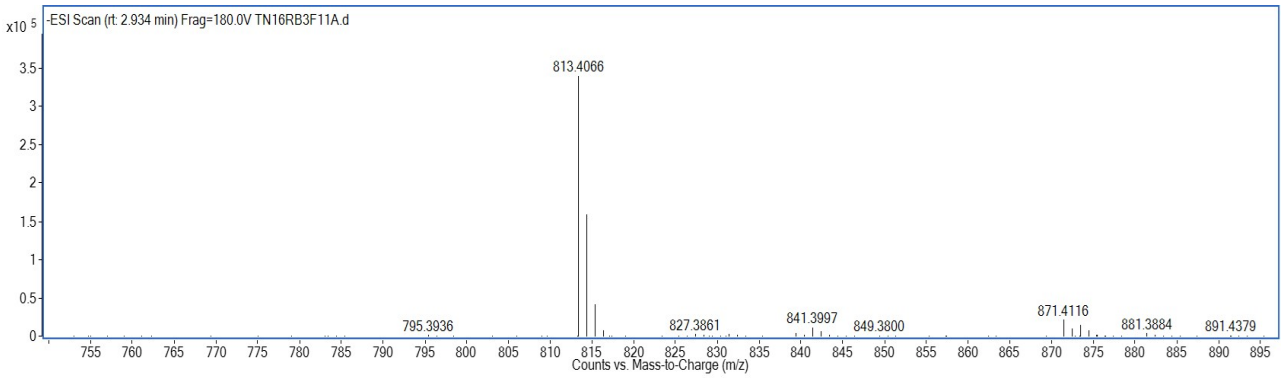


Figure S37. ^{13}C NMR spectrum of trivirensol F (**16**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C44 H62 O14	(M-H)-	813.4066	99.21	-0.02	99.21	814.414	14

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	813.4066	97.45	100		99.21	99.21	99.72	340238.6	C44 H61 O14

Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
329870.7	60	100	813.4067	0.1	340238.6	100	61.9	813.4066	0.09
161056.4	29.3	48.8	814.4101	-0.2	159342.1	46.8	29	814.4103	-0.26
47958.1	8.7	14.5	815.413	-0.3	42308.3	12.4	7.7	815.4133	-0.38
10620.1	1.9	3.2	816.4158	1.8	7616.3	2.2	1.4	816.414	2.23

Figure S38. HRESIMS spectrum of trivirensol F (**16**)

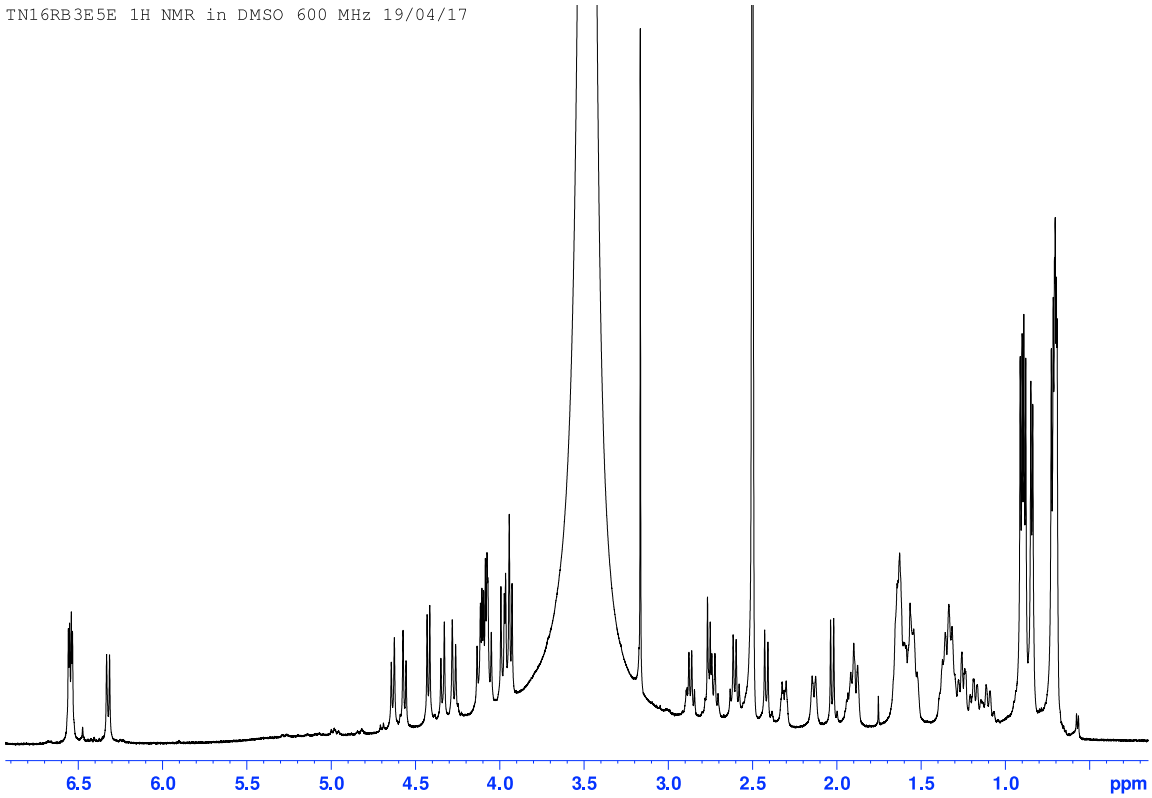


Figure S39. ^{1}H NMR spectrum of trivirensol G (**17**) in DMSO-d_6

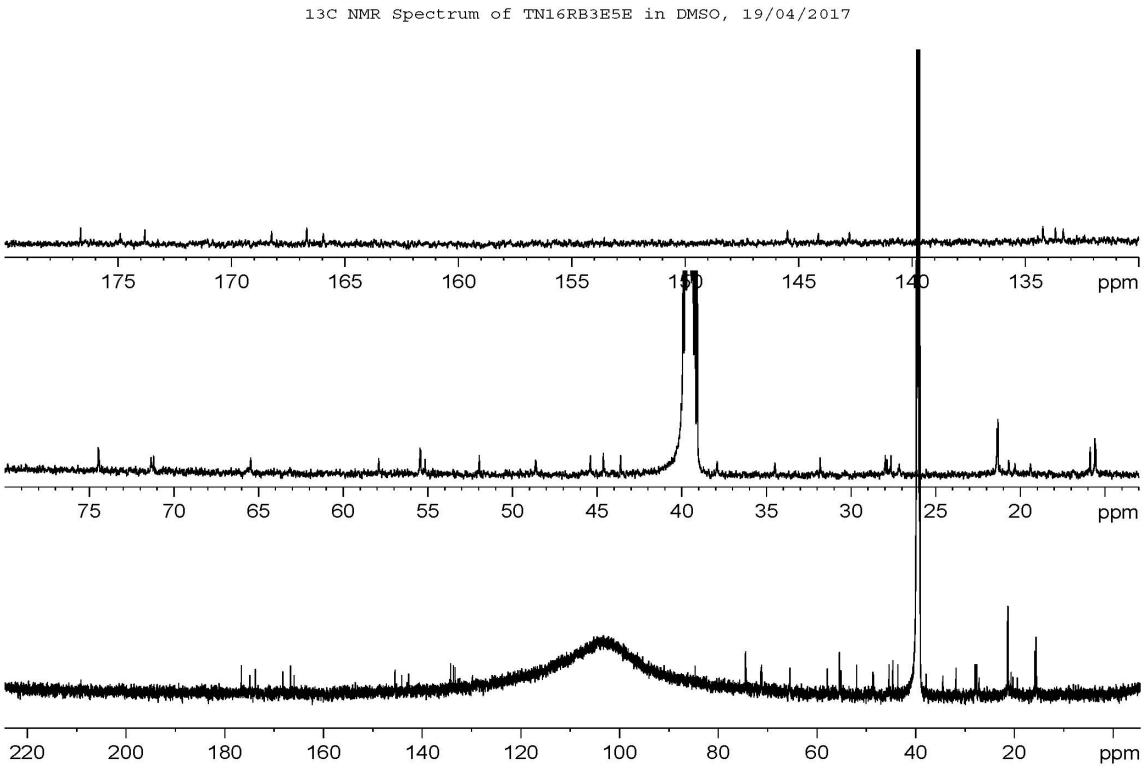
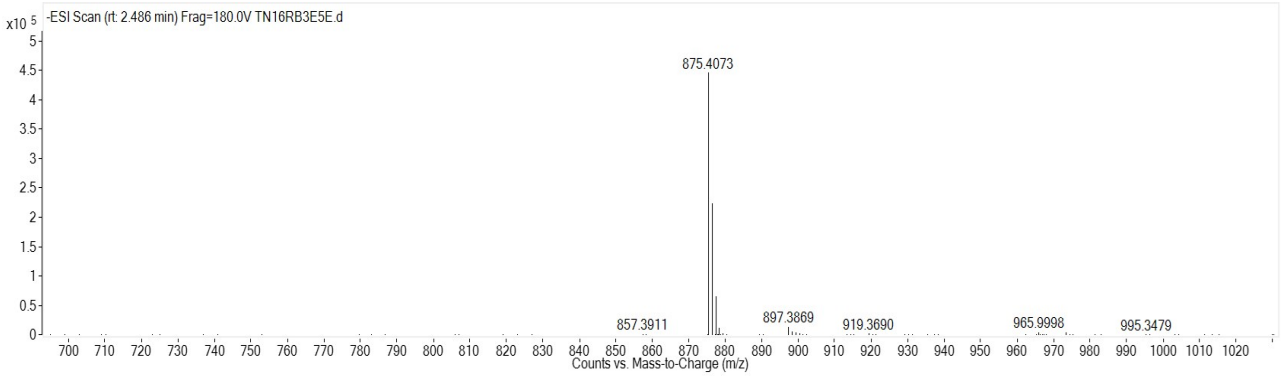


Figure S40. ^{13}C NMR spectrum of trivirensol G (**17**) in DMSO-d_6



Best	ID Source	Formula	Species	m/z	Score	Diff (ppm)	Score (MFG)	Mass (MFG)	DBE
	MFG	C45 H64 O17	(M-H)-	875.4073	99.42	-0.21	99.42	876.4144	14

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M-H)-	875.4073	98.15	99.93		99.42	99.42	99.92	445508.3	C45 H63 O17

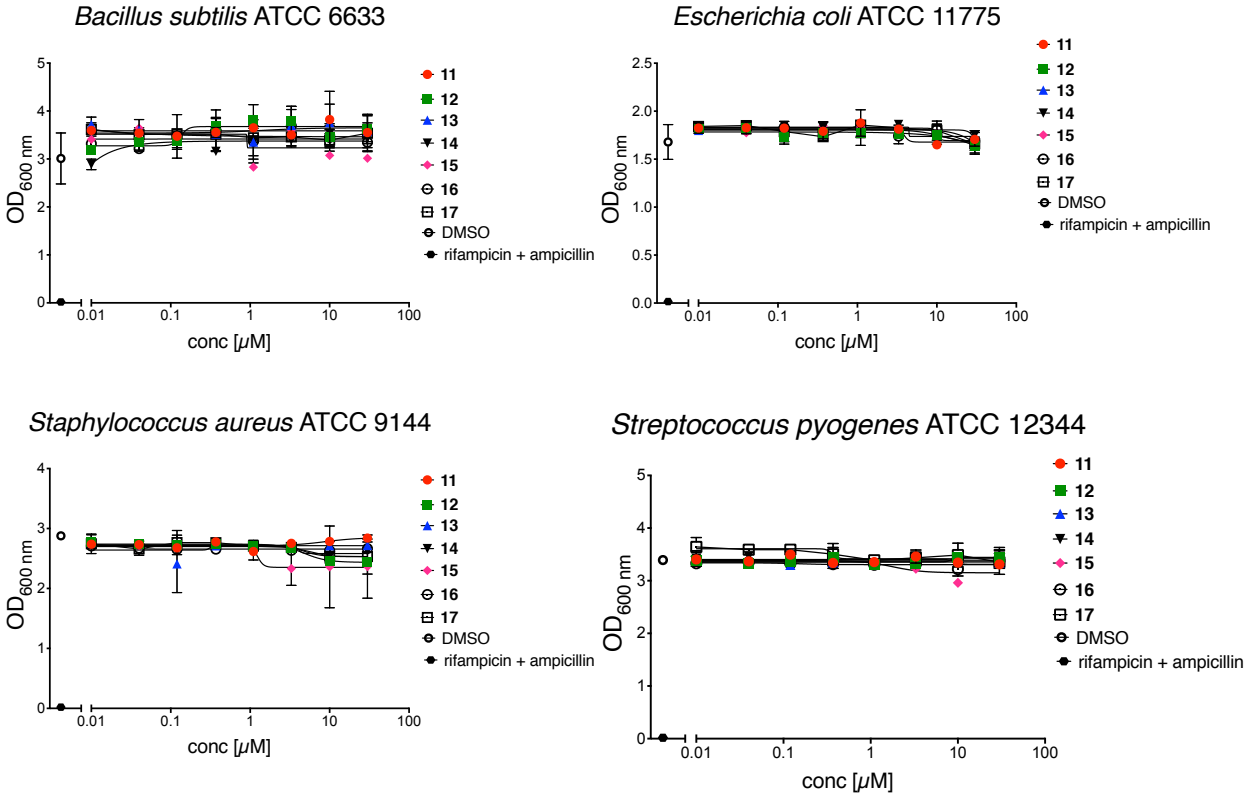
Height (Calc)	Height Sum% (Calc)	Height % (Calc)	m/z (Calc)	Diff (mDa)	Height	Height %	Height Sum %	m/z	Diff (ppm)
440885	59	100	875.4071	-0.3	445508.3	100	59.6	875.4073	-0.29
220631.8	29.5	50	876.4105	0	224048.1	50.3	30	876.4105	-0.05
69446.4	9.3	15.8	877.4133	-0.3	65817	14.8	8.8	877.4137	-0.38
16338	2.2	3.7	878.4161	0.9	11927.7	2.7	1.6	878.4152	1.02

Figure S41. HRESIMS spectrum of trivirensol G (**17**)

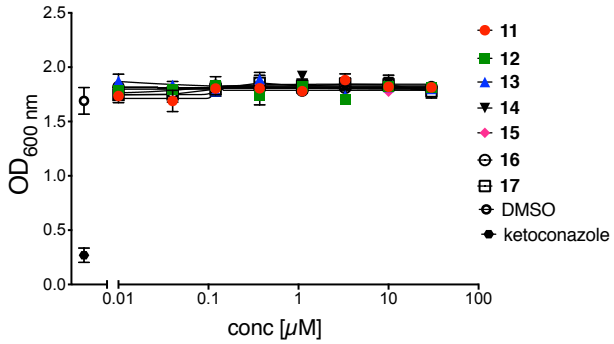
2 Antibacterial and antifungal assays data

Antifungal assay methodology:

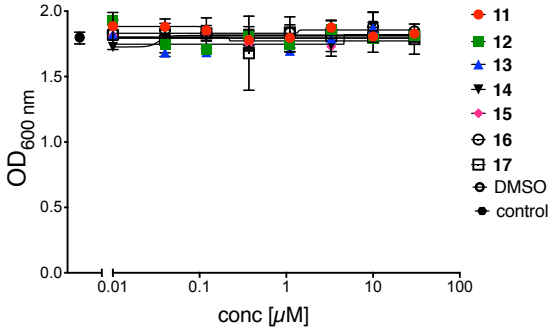
The fungus Candida albicans ATCC 10231 was streaked onto a Sabouraud agar plate and incubated at 37 °C for 48 h. One colony was then transferred to fresh Sabouraud broth (15 mL) and the cell density adjusted to 104-105 CFU/mL. The compounds to be tested were dissolved in DMSO and diluted with H_2O to return 600 µM stock solutions (20% DMSO). Aliquots (10 µL) were transferred to 96-well microtiter plates and pre-loaded with freshly prepared microbial broth (190 µL), to give a final concentration of 30 µM in 1% DMSO. The plates were incubated at 37 °C for 24 h and the optical density of each well was measured spectrophotometrically at 600 nm using a POLARstar Omega plate reader (BMG LABTECH). Amphotericin B was used as a positive control (30 µg/mL in 10% DMSO). Where relevant, IC50 value were calculated as the concentration of the compound or antifungal drug required for 50% inhibition of the fungal cells using Prism 8.0 (GraphPad Software Inc.).



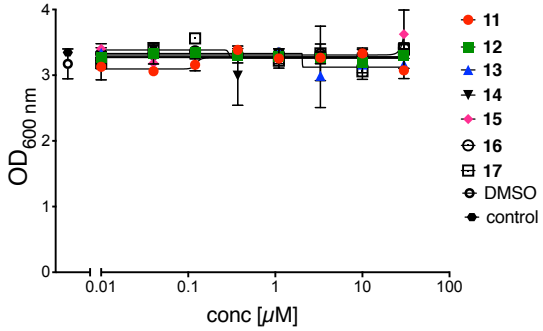
Candida albicans ATCC 90028



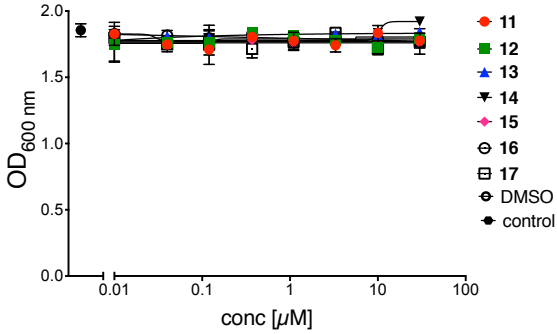
ESBL *Escherichia coli*



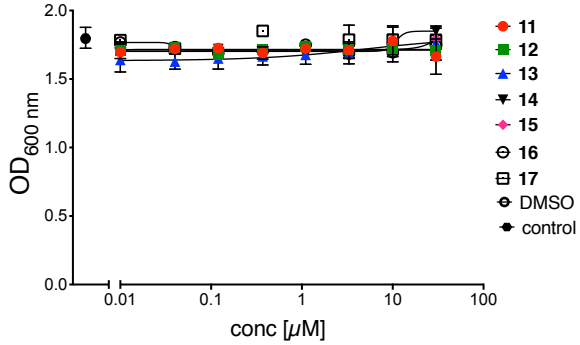
IMP *Pseudomonas aeruginosa*



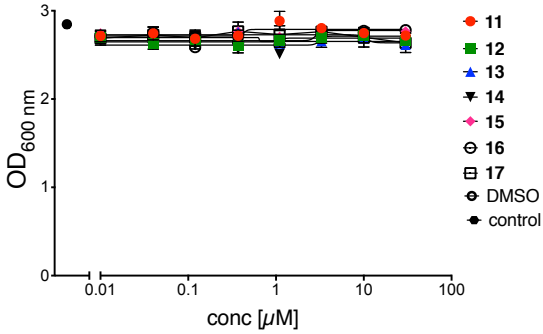
NDM *Klebsiella pneumonaie*



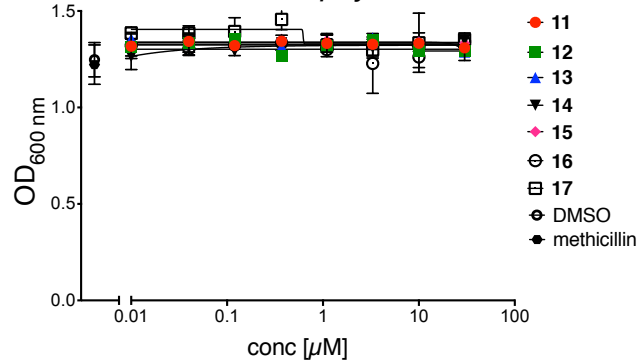
OXA-48 *Klebsiella pneumonaie*



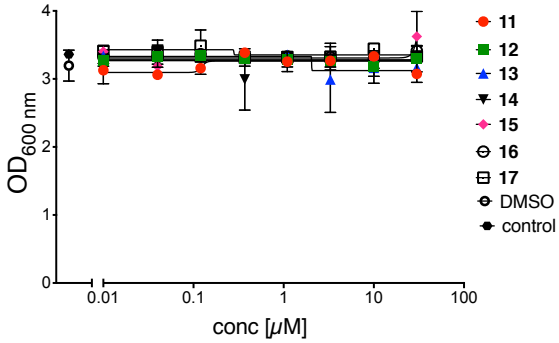
OXA-23 *Acinetobacter baumannii*



methicillin-resistant *Staphylococcus aureus*



VIM *Pseudomonas aeruginosa*



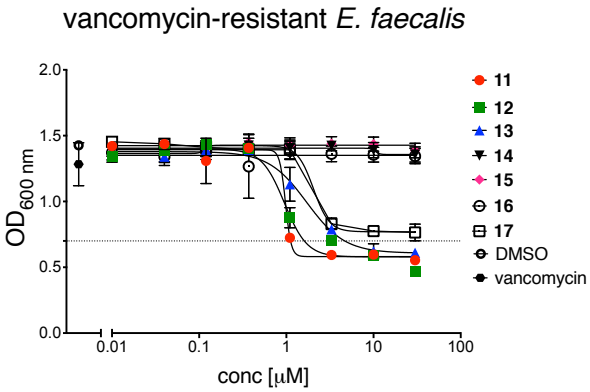


Figure S42. Graphs for antimicrobial studies against susceptible, MDR strains and fungus of trivirensols (**11** – **17)** in broth micro-dilution assay

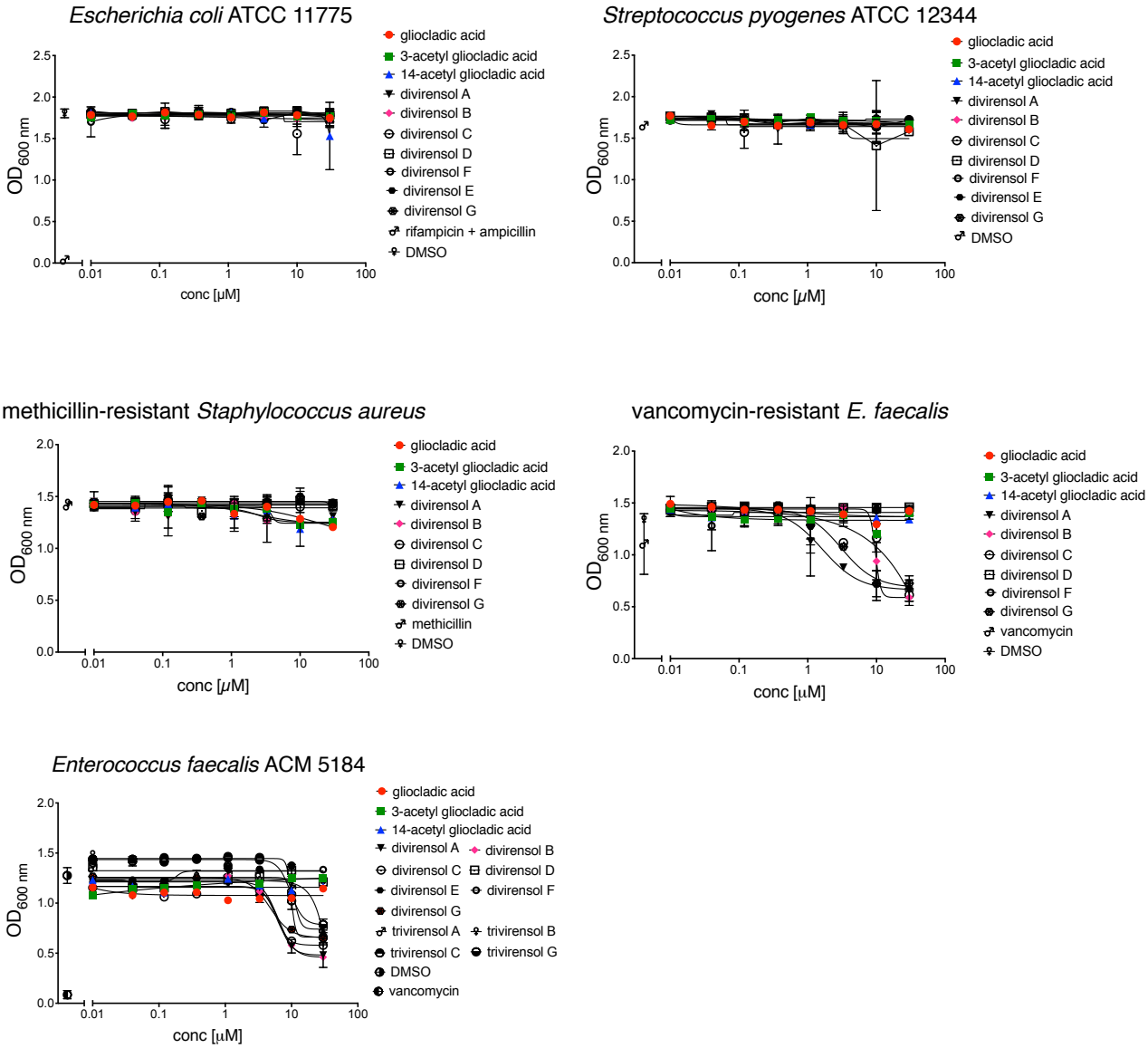


Figure S43. Graphs for antimicrobial studies against susceptible and MDR strains of divirensols A – D and F – G, trivirensols (**11** – **17)** in broth micro-dilution assay

3 Time-kill (bacteriocidal vs bacteriostatic) assays for divirensols and trivirensols (11 – 13 and 17)

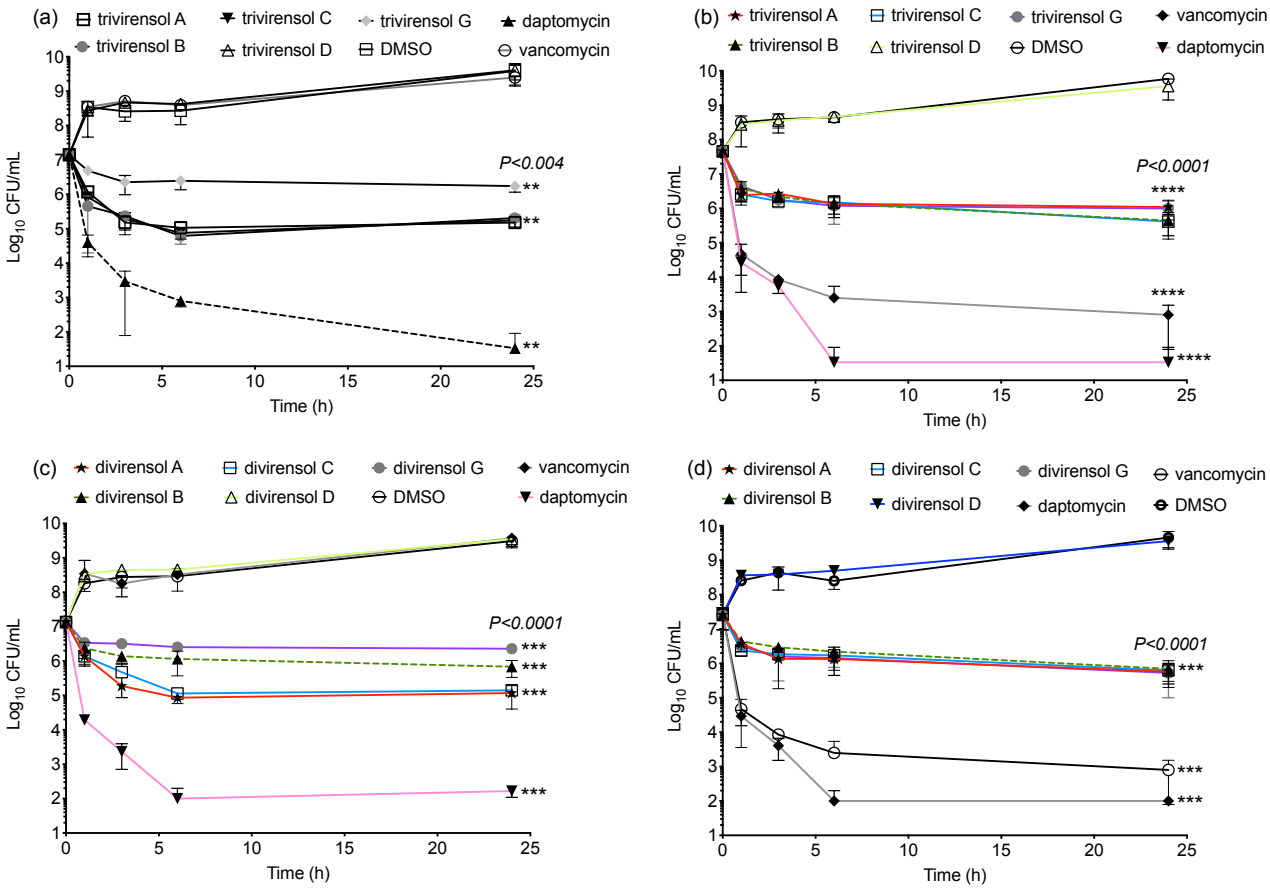
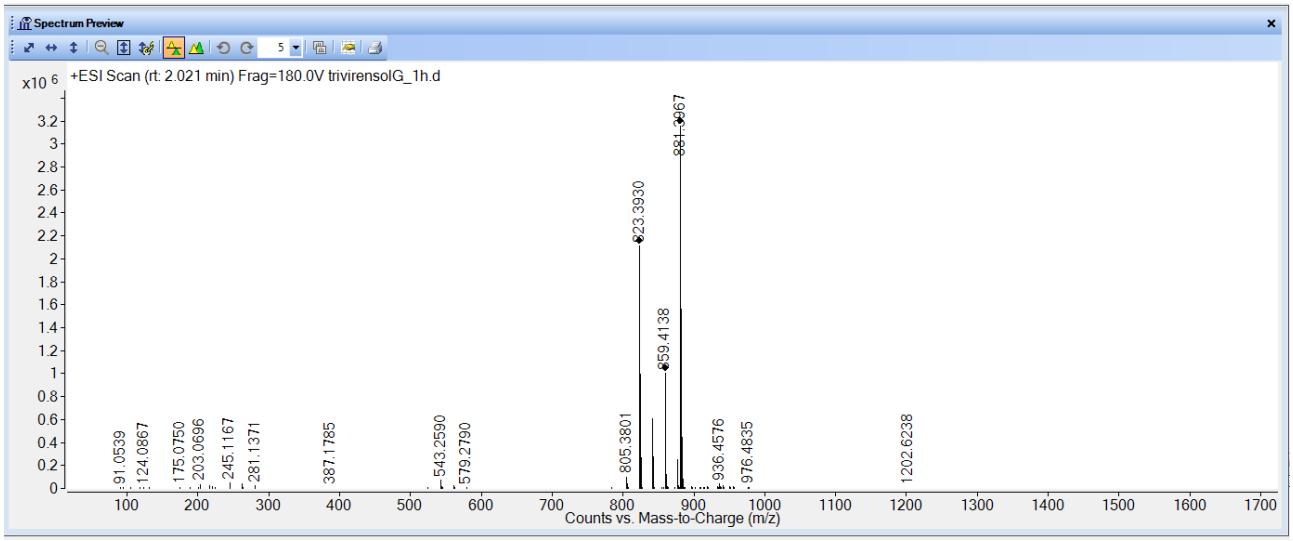


Figure S44. Colony forming units (CFU) for bacteriostatic studies of divirensols A – D and G and trivirensols A – D and G (30 μM) against (a, c) VRE and (b, d) *E. faecalis* at different timepoints, 1, 3, 6 and 24 h. Data are means ± SD of three replicate wells obtained in three independent experiments. Each treated group was compared to DMSO treatment using One-Way Anova, Dunnett's correction.



Best	ID Source	Name	Formula	Species	m/z	Score	Score (RT)	RT Diff	Diff (ppm)	Score (Lib)	Score (DB)	Score (MFG)
	MFG		C45 H62 O16	(M+H)+ (M+Na)+	859.4138 881.3967	92.04			-3.08			92.04

Species	m/z	Score (iso. abund)	Score (mass)	Score (MFG, MS/MS)	Score (MS)	Score (MFG)	Score (iso. spacing)	Height	Ion Formula
(M+H)+	859.4138	92.54	86.02		92.04	92.04	98.67	1002767.2	C45 H63 O16
(M+Na)+	881.3967	98.15	77.65		91.23	91.23	99.23	3156499.5	C45 H62 Na O16

Figure S45. HRESIMS spectrum of trivirensol G dehydrated product Figure 8, (**i**)

Cytotoxicity assays

Adherent cell human colorectal (SW620) and lung (NCIH-460) carcinoma cells were cultured in RPMI medium 1640. All cells were cultured as adherent mono-layers in flasks supplemented with 10% foetal bovine serum, L-glutamine (2 mM), penicillin (100 unit/mL) and streptomycin (100 µg/mL), in a humidified 37 °C incubator supplied with 5% CO2. Briefly, cells were harvested with trypsin and dispensed into 96-well microtiter assay plates at 3,000 cells/well after which they were incubated for 18 h at 37 °C with 5% CO2 (to allow cells to attach as adherent mono-layers). Test compounds were dissolved in 20% DMSO in PBS (v/v) and aliquots (10 µL) applied to cells over a series of final concentrations ranging from 10 nM to 30 µM. After 48 h incubation at 37 °C with 5% CO2 an aliquot (20 µL) of MTT in PBS (5 mg/mL) was added to each well (final concentration 0.5 mg/mL), and microtiter plates were incubated for a further 4 h at 37 °C with 5% CO2. After final incubation, the medium was aspirated, and precipitated formazan crystals dissolved in DMSO (100 µL/well). The absorbance of each well was measured at 580 nm with a PowerWave XS Microplate Reader from Bio-Tek Instruments Inc. IC50 values were calculated using Prism 7.0 (GraphPad Software Inc.), as the concentration of analyte required for 50% inhibition of cancer cell growth (compared to negative controls). Negative controls comprised 1% aqueous DMSO, while positive controls used doxorubicin as the test sample. All experiments were performed in duplicate.

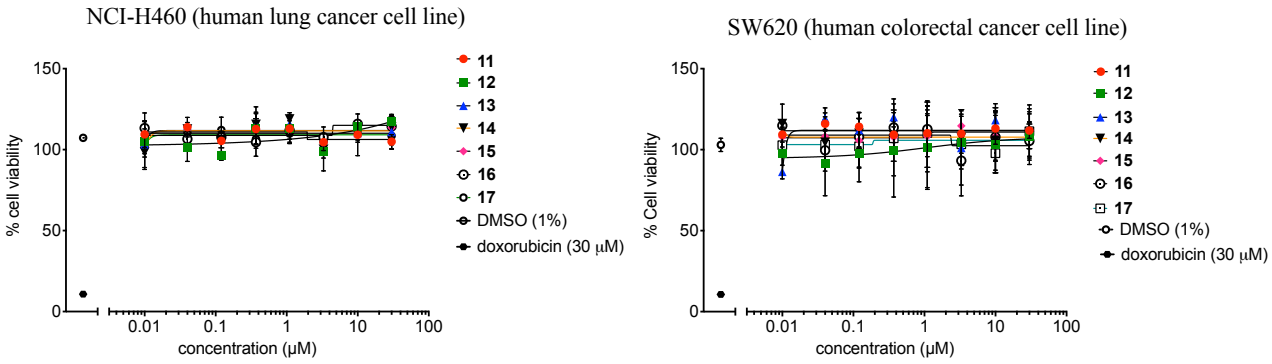


Figure S46. Graphs for cytotoxic activities on trivirensols A-G (**11** – **17**)