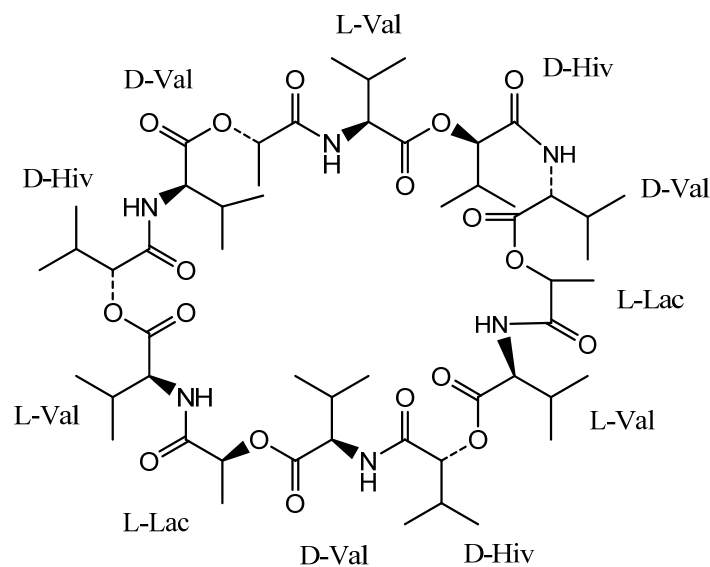


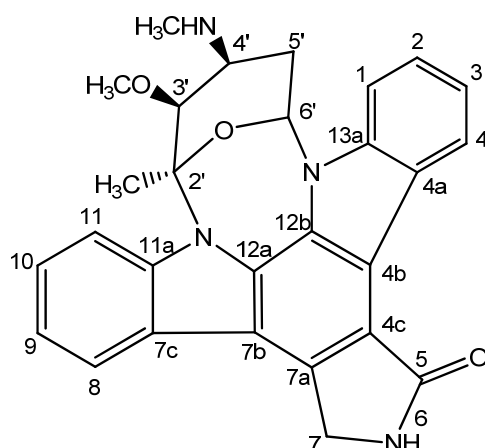
Supplementary Information

Table 1. NMR spectroscopic data of valinomycin in CDCl₃ (¹H: 500 MHz; ¹³C: 125 MHz)



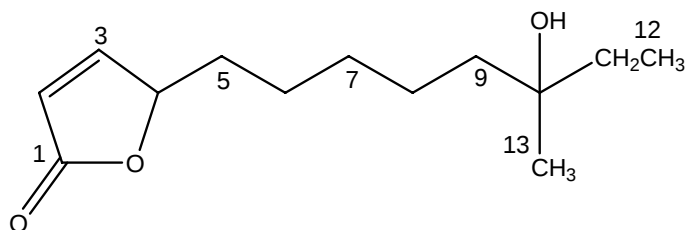
Unit	Position	δ_C	δ_H , mult	COSY	HMBC
Hiv	1-CO	171.0			2
	2-CH	78.8	5.02, d	3	4, 5
	3-CH	28.8	2.30, m	4, 5	4, 5
	4-CH ₃	22.9	0.85, d		
	5-CH ₃	22.8	0.86, d		
Val	6-CO	170.4			
	7-CH	59.1	4.10, t	8	9, 10
	8-CH	28.6	2.25, m	9, 10	9, 10
	9-CH ₃	19.5	0.96, d		
	10-CH ₃	16.8	0.97, d		
Lac	NH		7.85, d	7	
	11-CO	172.6			13
	12-CH	70.4	5.30, q	13	13
	13-CH ₃	17.2	1.46, d		12
	14-CO	171.9			15
Val	15-CH	60.5	4.00, t	16	17, 18
	16-CH	27.4	2.04, m	17, 18	17, 18
	17-CH ₃	19.2	0.98, d		
	18-CH ₃	18.4	0.99, d		
	NH		7.73, d	15	

Table 2. NMR spectroscopic data of staurosporine in CD₃OD (¹H: 500 MHz; ¹³C: 125 MHz).



Position	δ_C	δ_H , (H, mult)	COSY	HMBC
1	109.3	7.16 (1H, d)	2	4
2	126.5	7.52 (1H, t)	3	4
3	126.6	7.41 (1H, t)	2	1
4	127.2	9.22 (1H, d)	3	1, 4a, 12b, 13a
4a	127.6			4
4b	115.8			4
4c	120.2			7A, 7B
5	175.1			7A, 7B
7	46.8	7A: 4.73 (1H) 7B: 4.44 (1H)		4b, 4c, 5, 7a
7a	133.8			7A, 7B
7b	115.8			
7c	124.5			11
8	122.7	7.81 (1H, d)	9	9
9	120.7	7.26 (1H, t)	10	
10	122.0	7.38 (1H, t)	9	11
11	113.4	7.96 (1H, d)	10	2'-CH ₃
11a	139.4			11
12a	131.4			7A, 7B
12b	125.9			6'
13a	137.7			4
2'	94.2			2'-CH ₃
3'	81.4	4.21 (1H, s)	4'	2', 2'-CH ₃ , 3', 4'
4'	55.9	3.90 (1H, dd)	3', 5'A, 5'B	3', 4'-NCH ₃
5'	28.8	5'A: 2.13 (1H) 5'B: 3.20 (1H)	4', 6'	6'

6'	82.0	6.44 (1H, dd)	5'A, 5'B	
2'-CH ₃	28.7	2.53 (3H, s)		2', 6', 11
3'-OCH ₃	60.6	2.14 (3H, s)		3'
4'-NCH ₃	31.3	2.78 (3H, s)		4'

Table 3. NMR spectroscopic data of butenolide in CD₃OD (¹H: 500 MHz; ¹³C: 125 MHz).

Position	δ_C	δ_H , (H, mult)	COSY	HMBC
1	175.8			2
2	121.6	6.11 (1H, ddd)		3
3	159.6	7.71 (1H, ddd)	2, 4	2, 5A
4	85.6	5.13 (1H, m)	2, 5A	2, 3, 5A
5	34.9	5A: 1.81 (1H, m) 5B: 1.64 (1H, m)	4, 6	
6	25.8	1.45 (2H, m)	5A	
7	30.7	1.35 (2H, m)		5A, 6
8	24.3	1.34 (2H, m)		9
9	42.0	1.42 (2H, m)		11
10	72.2			11, 12, 13
11	41.1	1.46 (2H, q)	12	12, 13
12	8.5	0.89 (3H, t)		11
13	25.9	1.11 (3H, s)		11