

Supporting Information

Rec. Nat. Prod. 9:3 (2015) 374-378

A New Premyrsinane-type Diterpenoid Polyester from *Euphorbia dracunculoides* Lam

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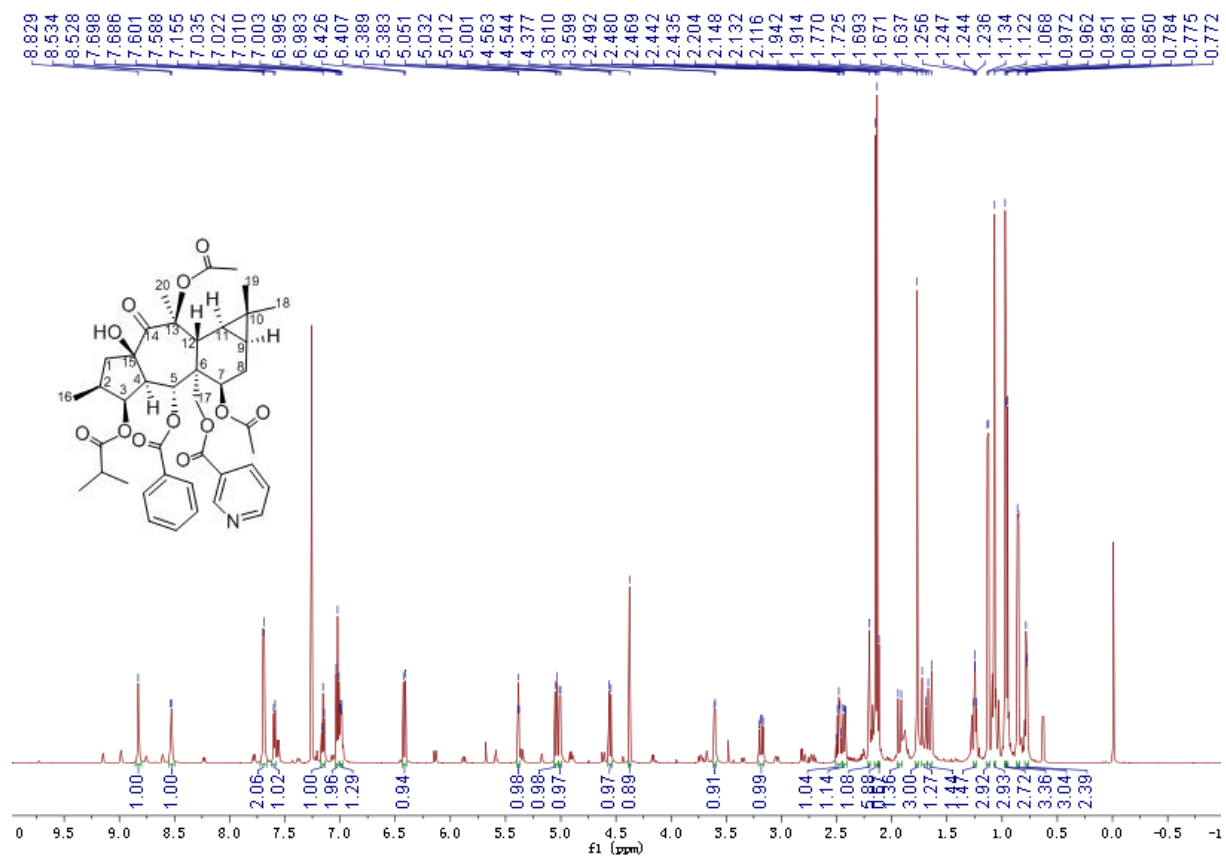


Figure S1: ^1H NMR spectrum of **1** recorded in CDCl_3 at 600 MHz

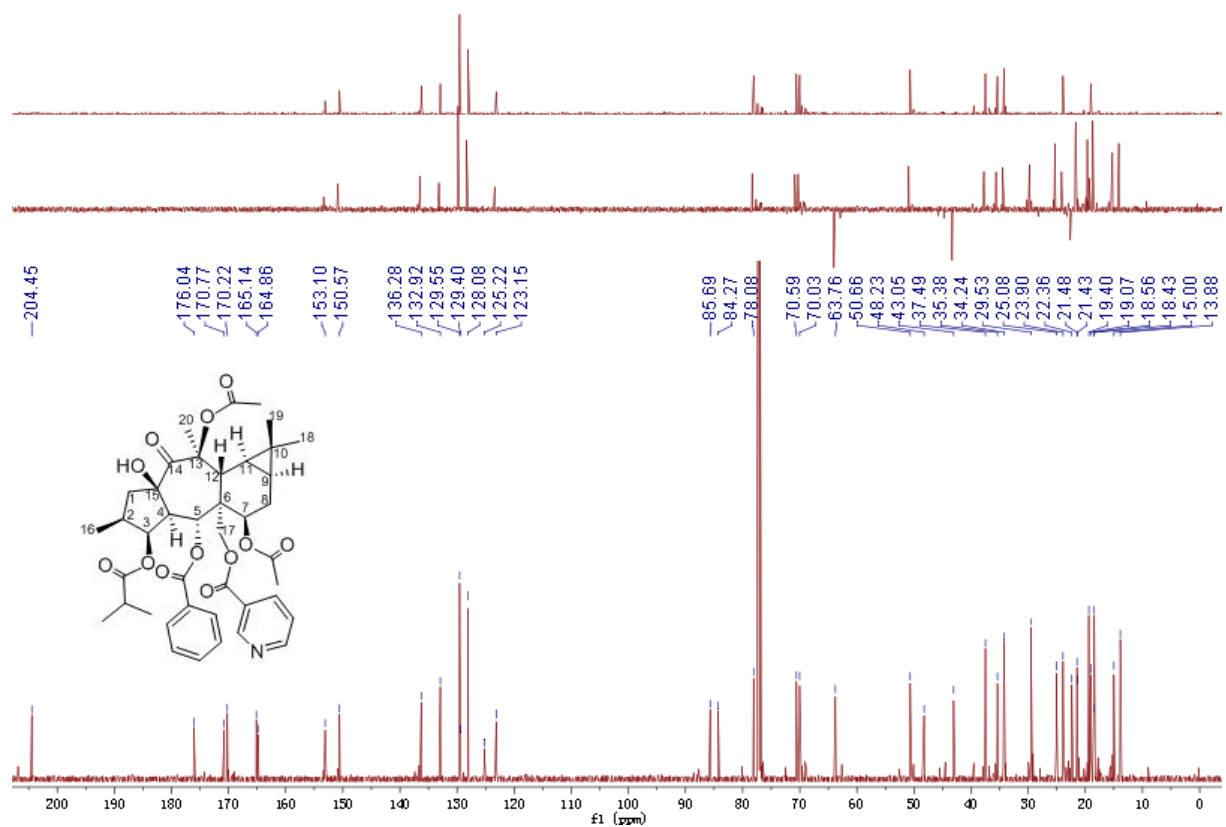


Figure S2: ^{13}C NMR spectrum of **1** recorded in CDCl_3 at 150 MHz

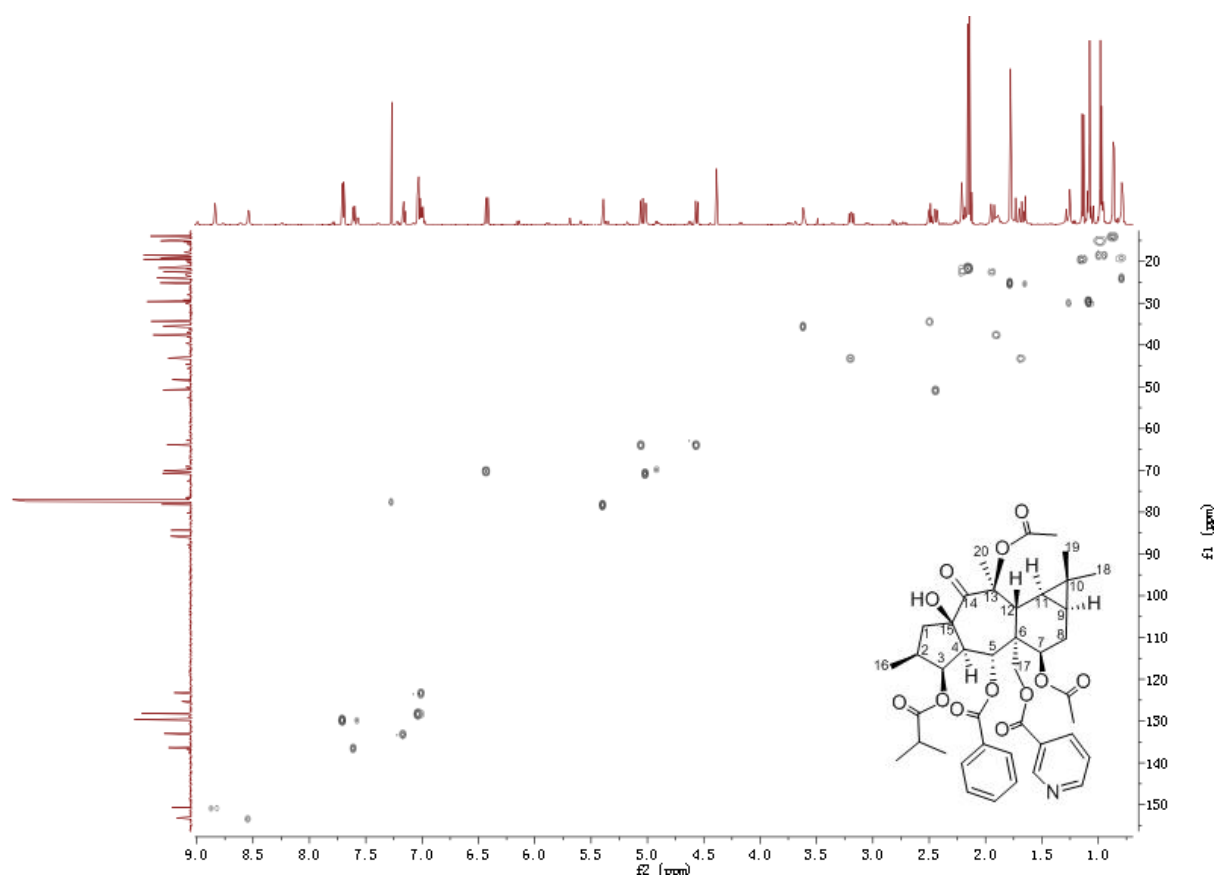


Figure S3: HSQC spectrum of **1** recorded in CDCl_3

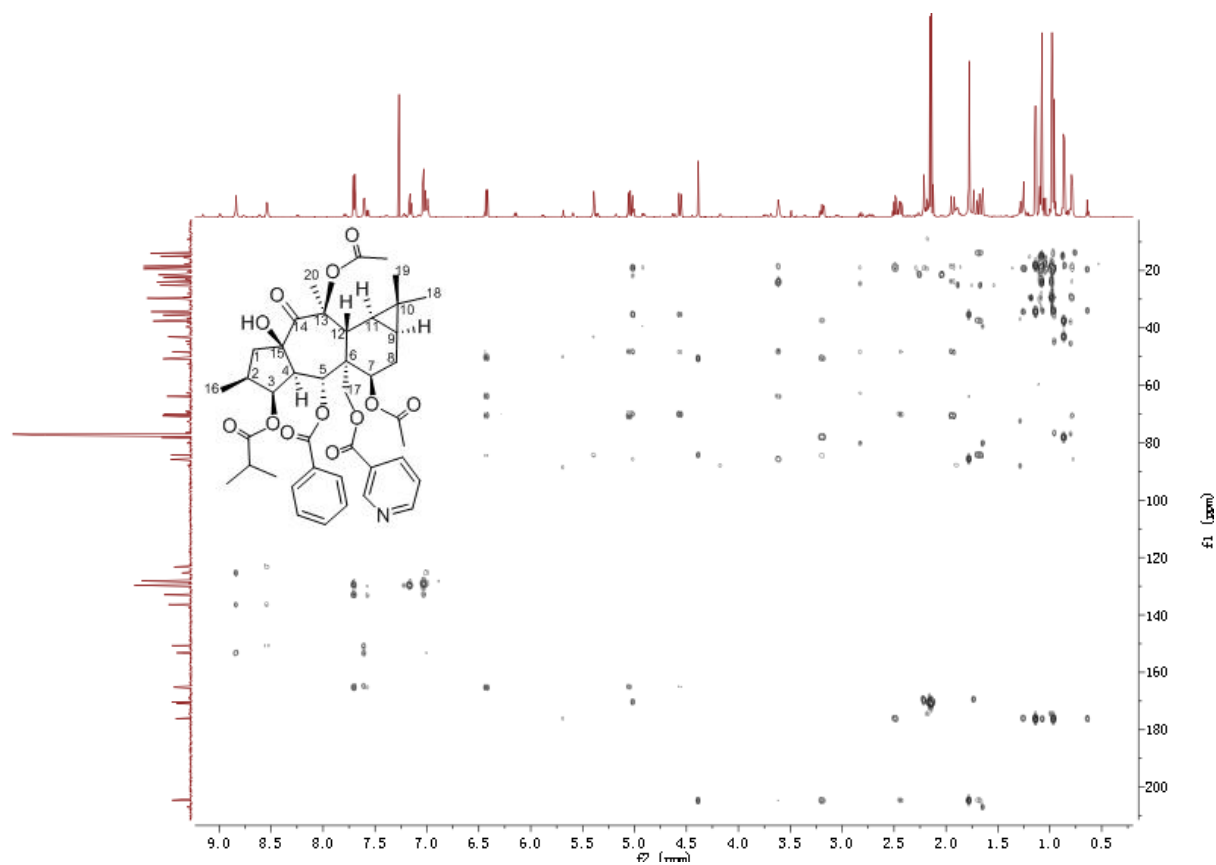


Figure S4: HMBC spectrum of **1** recorded in CDCl_3

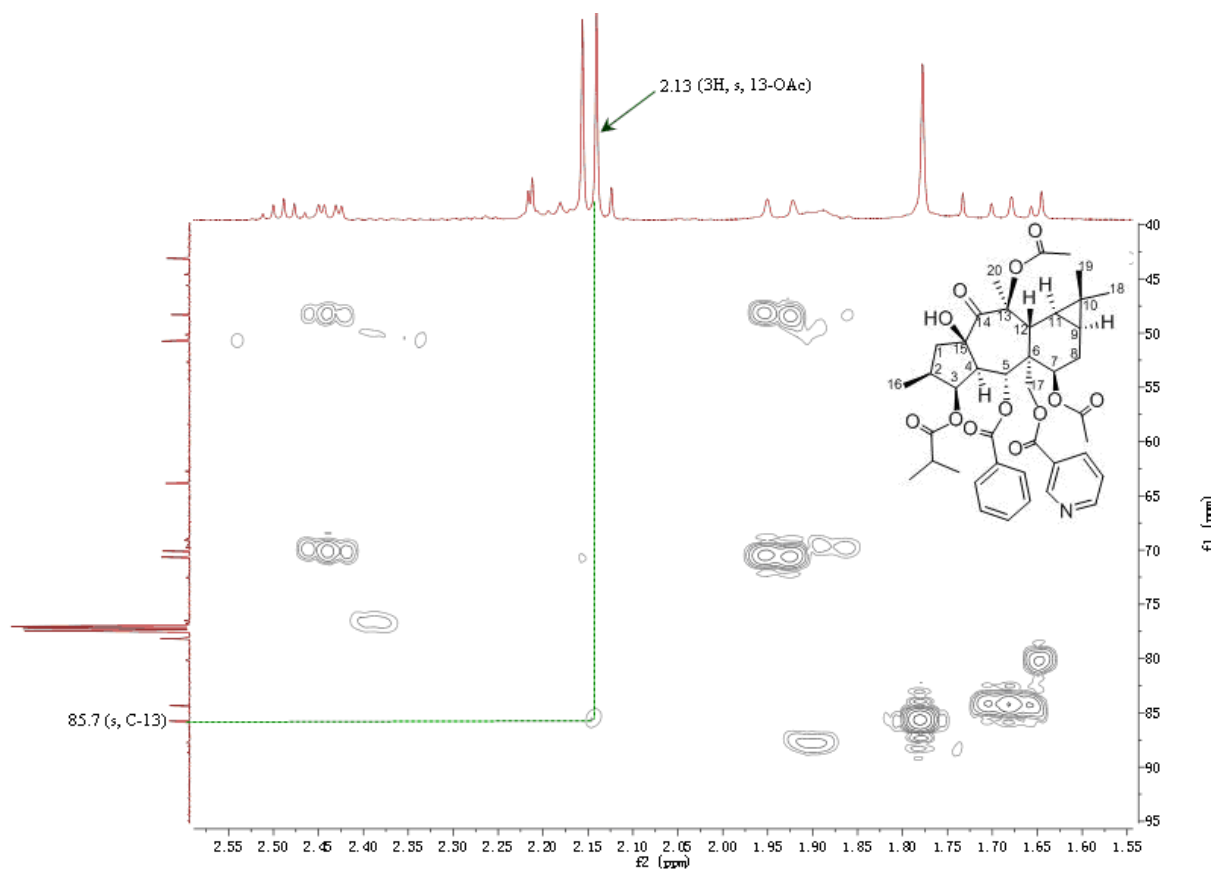


Figure S5: Enlarged HMBC spectrum of **1** recorded in CDCl_3

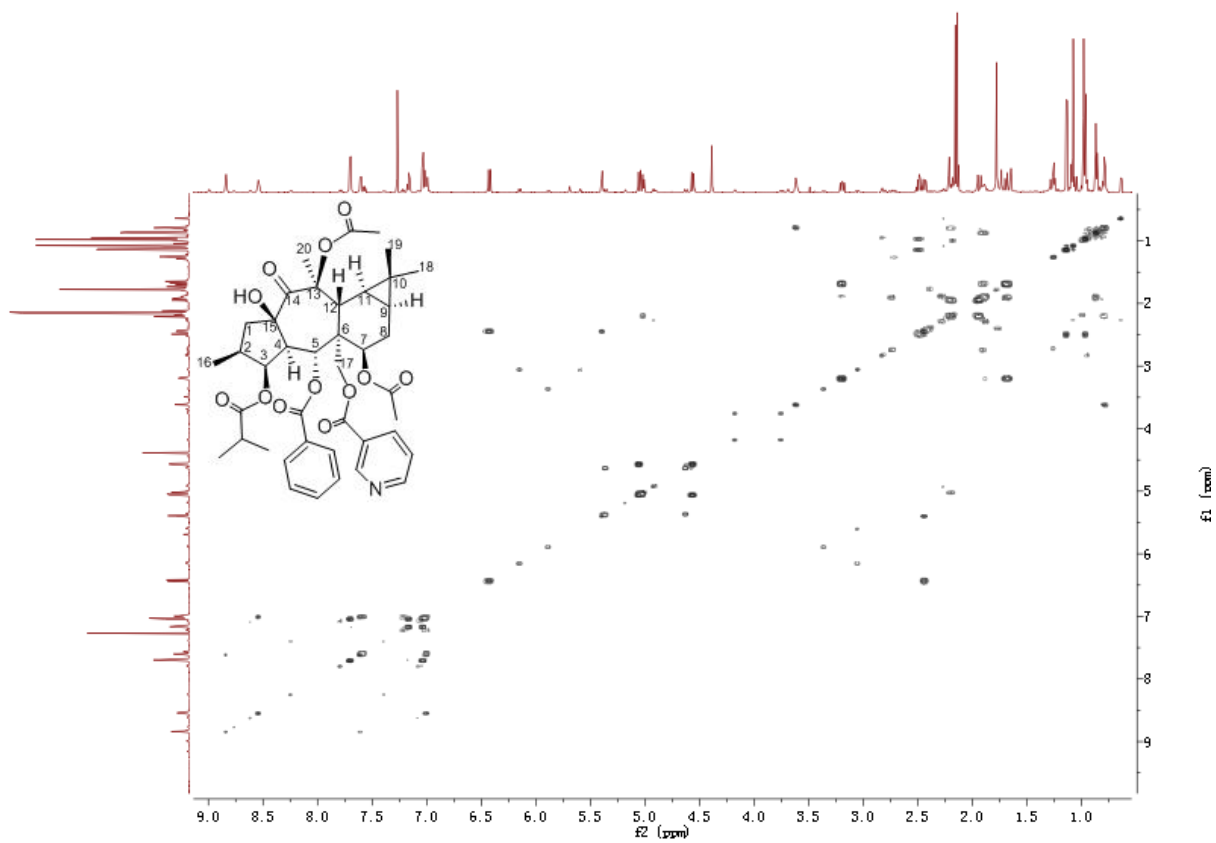


Figure S6: ^1H - ^1H COSY spectrum of **1** recorded in CDCl_3

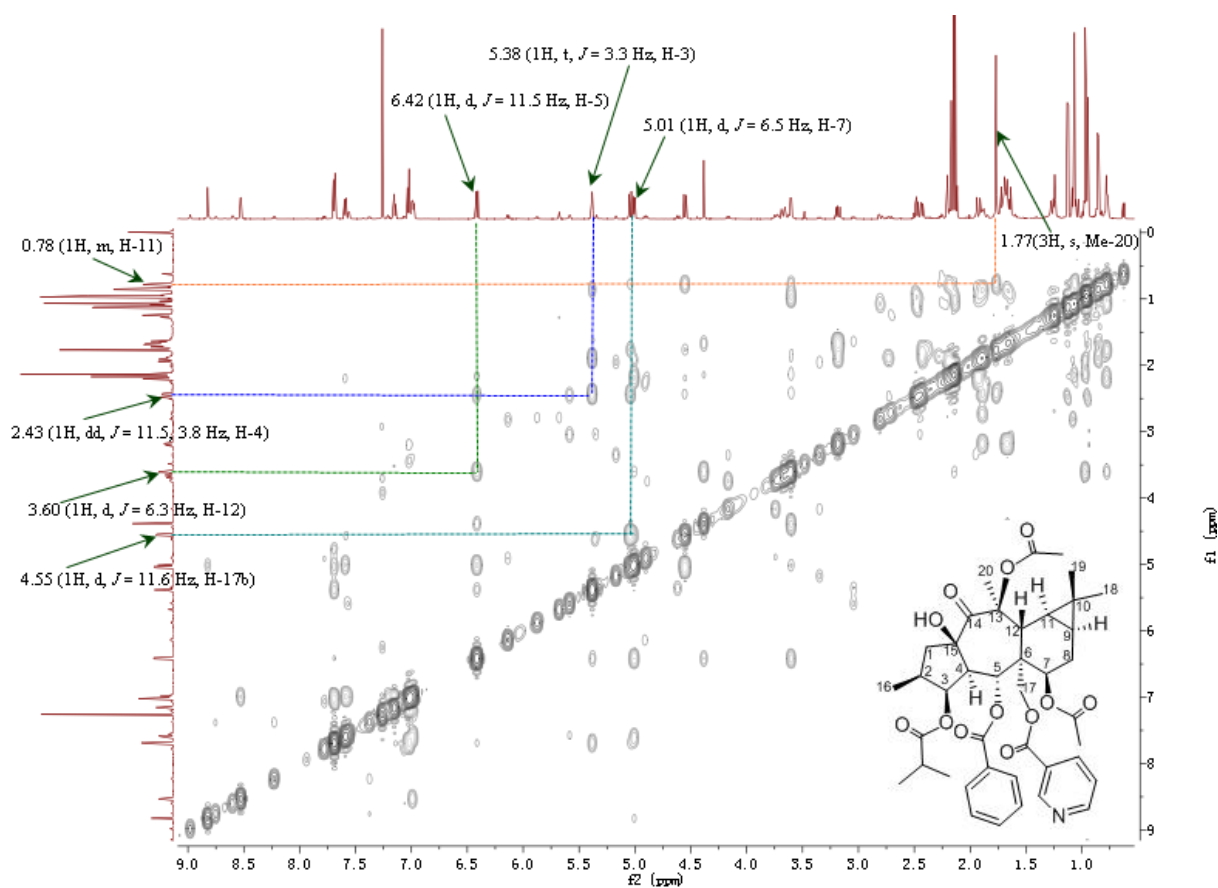


Figure S7: ROESY spectrum of **1** recorded in CDCl_3

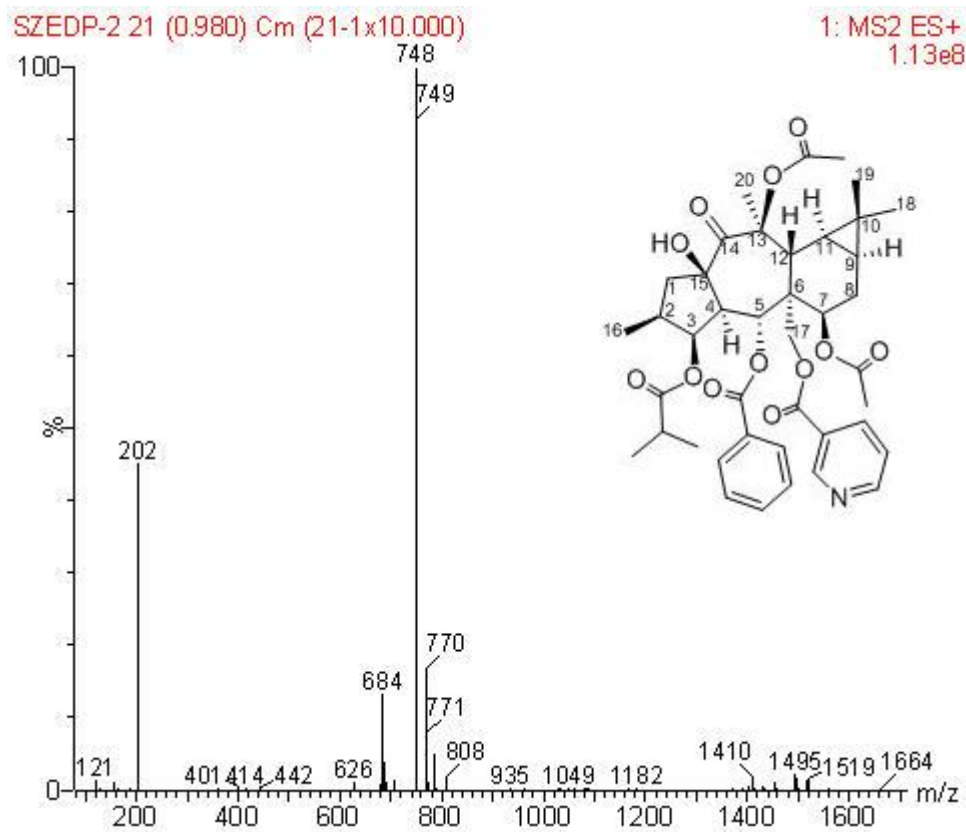
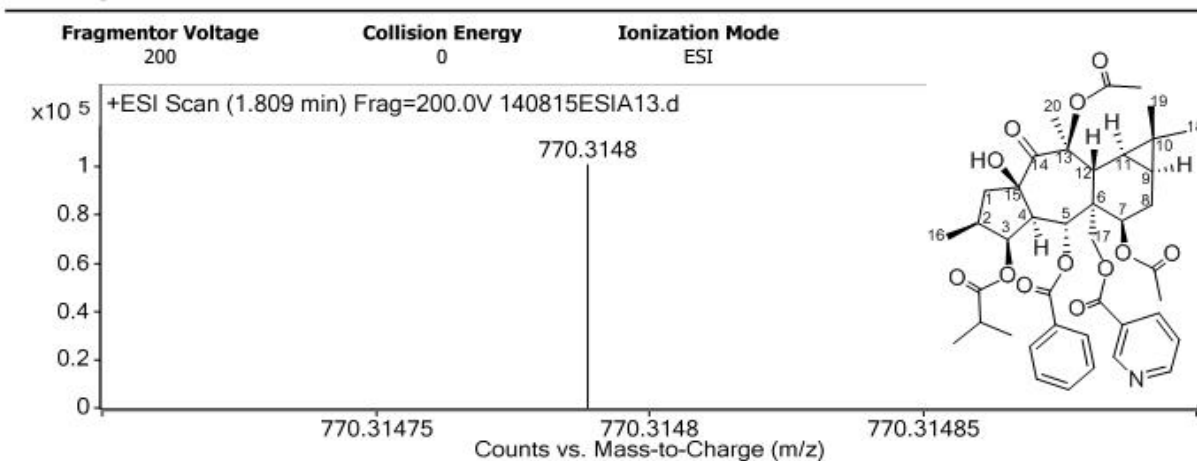


Figure S8: ESI-MS spectrum of **1**

User Spectra



Peak List

m/z	z	Abund
305.1579	1	478029.25

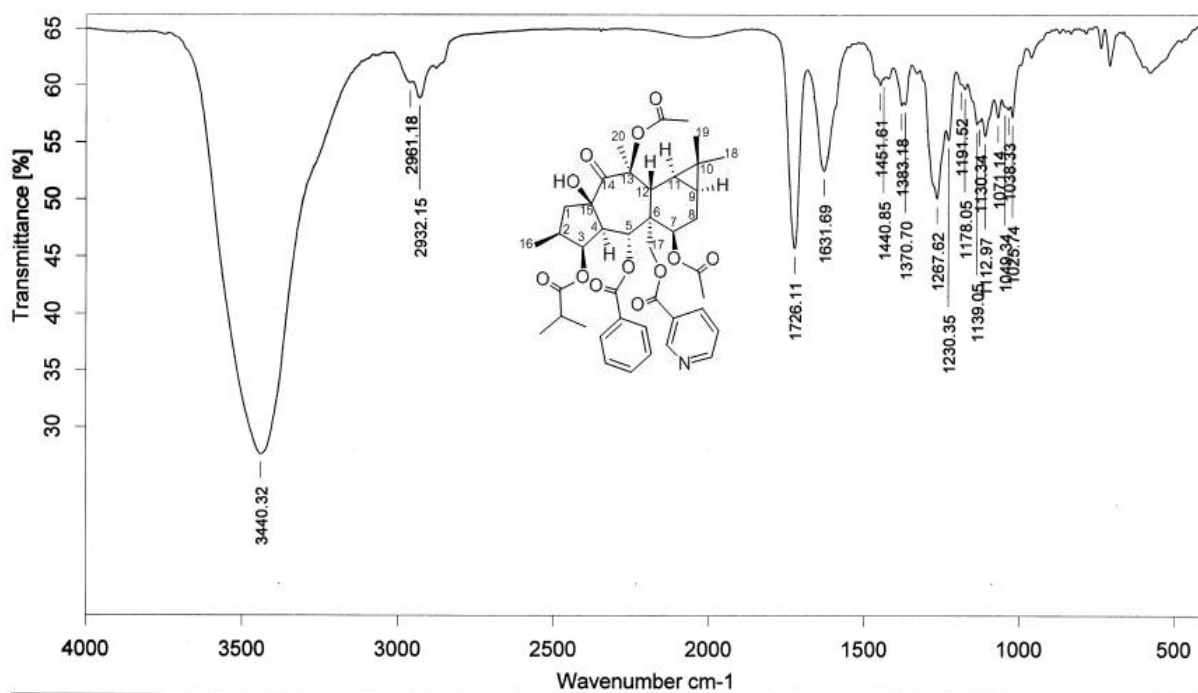
Formula Calculator Element Limits

Element	Min	Max
C	0	200
H	0	400
O	10	16
Na	1	1
N	1	1

Formula Calculator Results

Formula	CalculatedMass	Mz	Diff.(mDa)	Diff. (ppm)	DBE
C41 H49 N Na O12	770.3152	770.3148	0.4	0.5	17.5

Figure S9: HR-ESI-MS spectrum of **1**



Sample : SZEDP-2	Frequency Range : 399.246 - 3996.32	Measured on : 15/08/2014
Technique : KBr压片	Resolution : 4	Instrument : Tensor27
Customer : 140815IR4	Zerofilling : 2	Sample Scans : 16
		Acquisition : Double Sided,For

Figure S10: IR spectrum of **1**

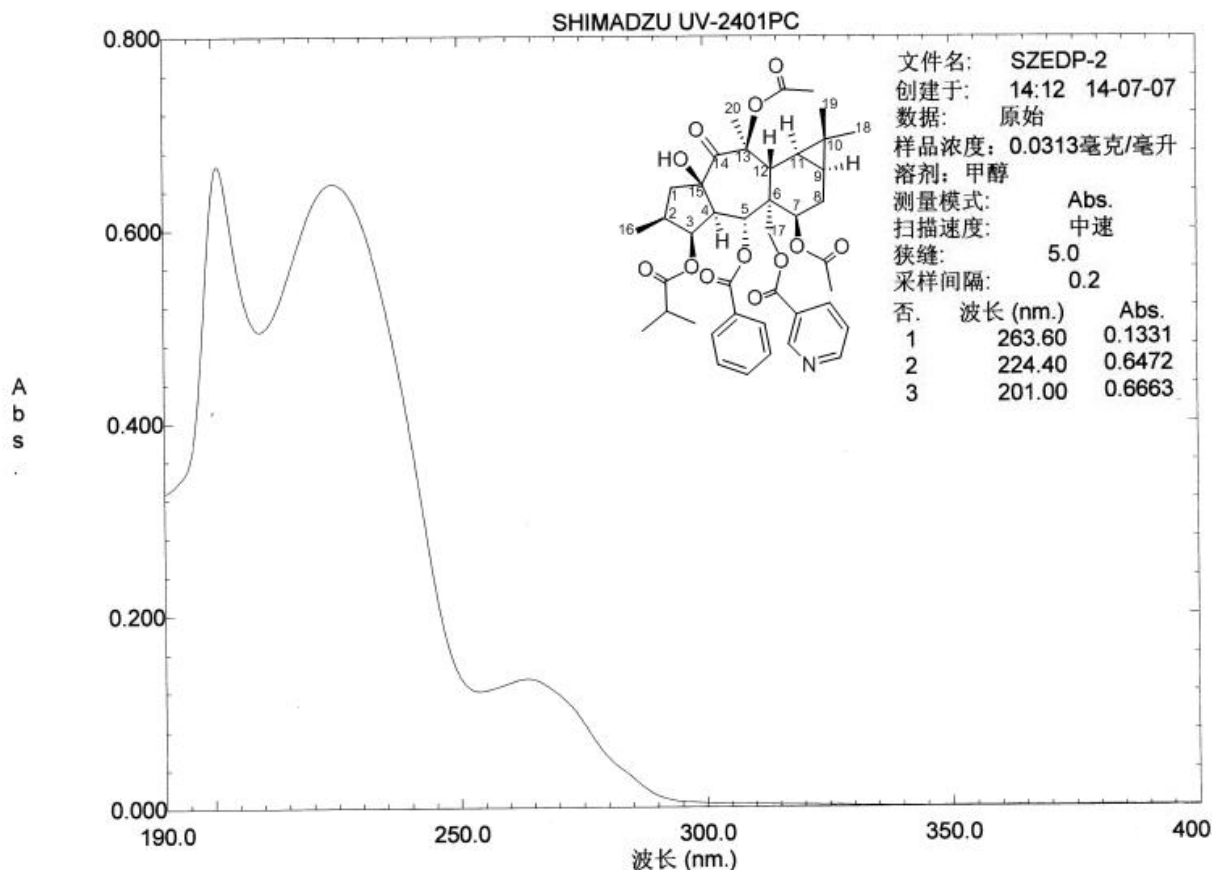


Figure S11: UV spectrum of 1

Table S1: NMR data of compounds **2** and **3**^a

No.	2		3	
	δ_{H}	δ_{C}	δ_{H}	δ_{C}
1a	3.18 (1H, dd, $J = 13.6, 7.9$ Hz)	42.9 (t)	3.18 (1H, dd, $J = 13.5, 7.9$ Hz)	42.9 (t)
1b	1.64 (1H, d, $J = 13.6$ Hz)		1.66 (1H, d, $J = 13.5$ Hz)	
2	1.92 (1H, m)	37.4 (d)	1.92 (1H, m)	37.4 (d)
3	5.39 (1H, t, $J = 3.2$ Hz)	78.2 (d)	5.39 (1H, t, $J = 3.6$ Hz)	78.2 (d)
4	2.43 (1H, dd, $J = 11.5, 3.7$ Hz)	50.4 (d)	2.43 (1H, dd, $J = 11.5, 3.6$ Hz)	50.4 (d)
5	6.45 (1H, d, $J = 11.5$ Hz)	70.0 (d)	6.44 (1H, d, $J = 11.5$ Hz)	70.0 (d)
6		48.2 (s)		48.2 (s)
7	4.97 (1H, d, $J = 6.5$ Hz)	70.5 (d)	4.98 (1H, d, $J = 6.6$ Hz)	70.5 (d)
8a	2.15 (1H, m)	22.4 (t)	1.92 (1H, m)	22.4 (t)
8b	1.92 (1H, m)		1.28 (1H, m)	
9	0.78 (1H, m)	19.0 (d)	0.78 (1H, m)	19.0 (d)
10		18.5 (s)		18.5 (s)
11	0.78 (1H, m)	23.9 (d)	0.78 (1H, m)	23.9 (d)
12	3.59 (1H, d, $J = 4.6$ Hz)	35.3 (d)	3.58 (1H, d, $J = 4.7$ Hz)	35.3 (d)
13		85.7 (s)		85.7 (s)
14		204.3 (s)		204.3 (s)
15		84.3 (s)		84.3 (s)
16	0.86 (3H, d, $J = 6.6$ Hz)	14.0 (q)	0.86 (3H, d, $J = 6.5$ Hz)	14.0 (q)
17a	5.04 (1H, d, $J = 11.7$ Hz)	63.7 (t)	5.04 (1H, d, $J = 11.7$ Hz)	63.7 (t)
17b	4.55 (1H, d, $J = 11.7$ Hz)		4.55 (1H, d, $J = 11.7$ Hz)	
18	0.98 (3H, s)	15.0 (q)	0.98 (3H, s)	15.0 (q)
19	1.06 (3H, s)	29.5 (q)	1.06 (3H, s)	29.5 (q)
20	1.77 (3H, s)	25.1 (q)	1.77 (3H, s)	25.1 (q)
3-OPr/OBu		173.6 (s)		172.9 (s)
1'	2.25 (2H, q, $J = 7.3$ Hz)	27.6 (t)	2.21 (2H, m)	36.1 (t)
2'	0.91 (3H, t, $J = 7.3$ Hz)	8.9 (q)	1.44 (2H, m)	18.0 (t)
3'			0.82 (3H, t, $J = 7.4$ Hz)	13.8 (q)
5-OBz		165.2 (s)		165.2 (s)
1'		129.3 (s)		129.4 (s)
2', 6'	7.69 (2H, d, $J = 7.3$ Hz)	129.5 (d)	7.68 (2H, d, $J = 7.5$ Hz)	129.5 (d)
3', 5'	7.02 (2H, t, $J = 7.3$ Hz)	128.1 (d)	7.02 (2H, t, $J = 7.5$ Hz)	128.1 (d)
4'	7.15 (1H, t, $J = 7.3$ Hz)	132.9 (d)	7.15 (1H, t, $J = 7.5$ Hz)	132.9 (d)
7-OAc		170.2 (s)		170.3 (s)
	2.17 (3H, s)	21.4 (q)	2.17 (3H, s)	21.4 (q)
13-OAc		170.8 (s)		170.8 (s)
	2.13 (3H, s)	21.5 (q)	2.13 (3H, s)	21.5 (q)
15-OH	4.44 (1H, brs)		4.43 (1H, brs)	
17-ONic		164.9 (s)		164.7 (s)
1'		125.2 (s)		125.2 (s)
2'	7.59 (1H, d, $J = 8.0$ Hz)	136.2 (d)	7.59 (1H, d, $J = 7.9$ Hz)	136.2 (d)
3'	6.99 (1H, dd, $J = 8.0, 4.8$ Hz)	123.1 (d)	7.00 (1H, overlapped)	123.1 (d)
4'	8.53 (1H, dd, $J = 4.8, 1.5$ Hz)	153.3 (d)	8.53 (1H, brd, $J = 4.3$ Hz)	153.2 (d)
5'	8.83 (1H, d, $J = 1.5$ Hz)	150.7 (d)	8.82 (1H, s)	150.6 (d)

^a ¹H NMR and ¹³C NMR data were recorded in CDCl₃ at 400 MHz and 100 MHz, respectively.