

## Supporting Information

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### Cytotoxic Picrotoxane-type Sesquiterpenoid Lactones from *Dendrobium huoshanense*

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Data File: E:\DATA\2019\1104\ZDCB-15.lcd

Elmt	Val.	Min	Max	Use Adduct												
H	1	2	100	F	1	0	0	S	2	0	0	Pd	2	0	0	H
2H	1	0	0	Na	1	0	0	Cl	1	0	0	Ag	1	0	0	Na
C	4	5	50	Mg	2	0	0	Cu	2	0	0	I	3	0	0	
N	3	0	0	Si	4	0	0	Se	2	0	0					
O	2	0	30	P	3	0	0	Br	1	0	0					

Error Margin (ppm): 5  
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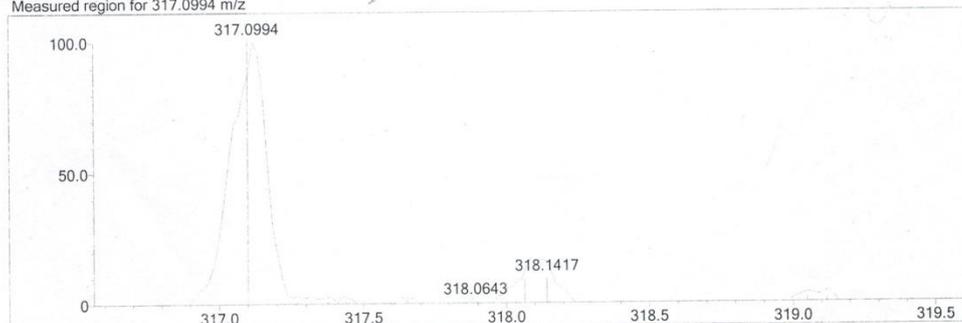
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Electron Ions: both  
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 Isotope Res: 10000  
 Max Results: 10

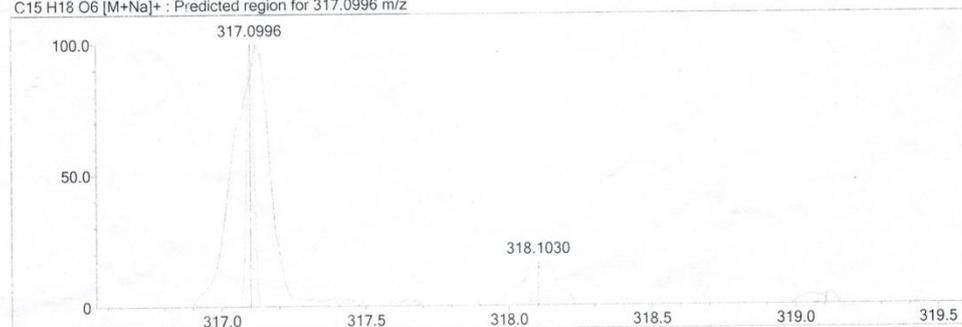
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Measured region for 317.0994 m/z

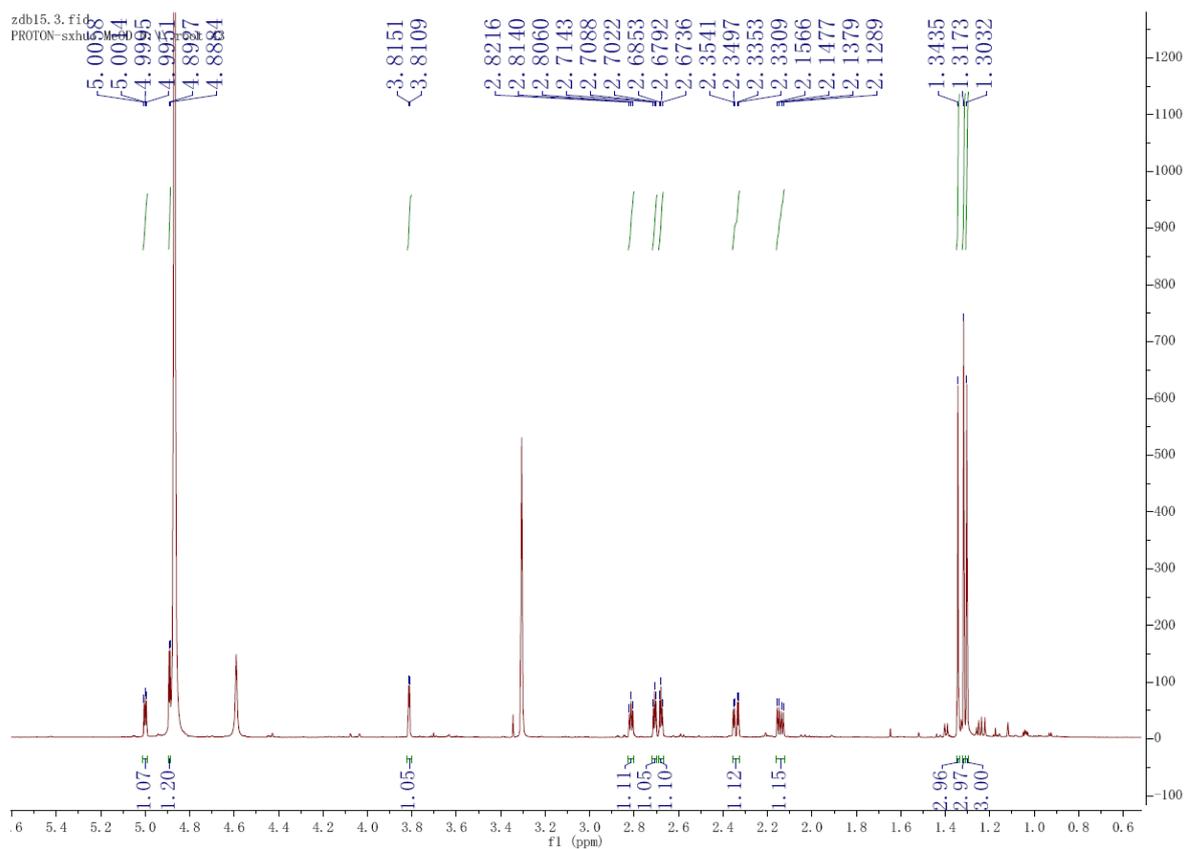


C<sub>15</sub>H<sub>18</sub>O<sub>6</sub> [M+Na]<sup>+</sup> : Predicted region for 317.0996 m/z

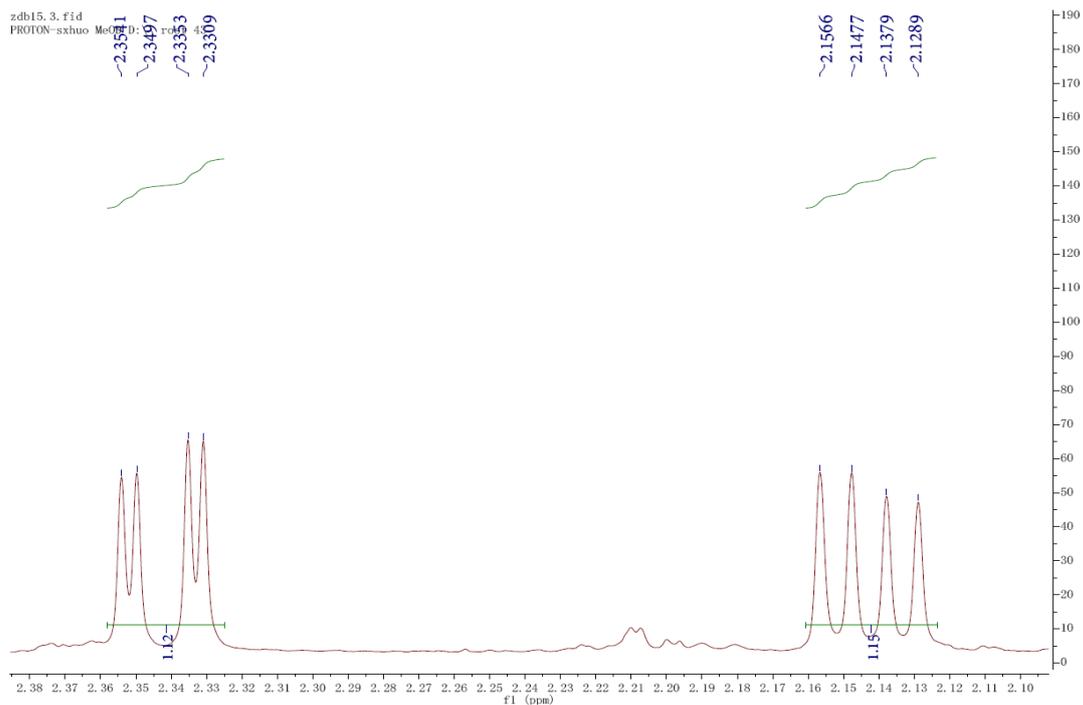


Formula (M)	Ion	Meas. m/z	Pred. m/z	Df. (mDa)	Df. (ppm)	DBE
C <sub>15</sub> H <sub>18</sub> O <sub>6</sub>	[M+Na] <sup>+</sup>	317.0994	317.0996	-0.2	-0.63	7.0

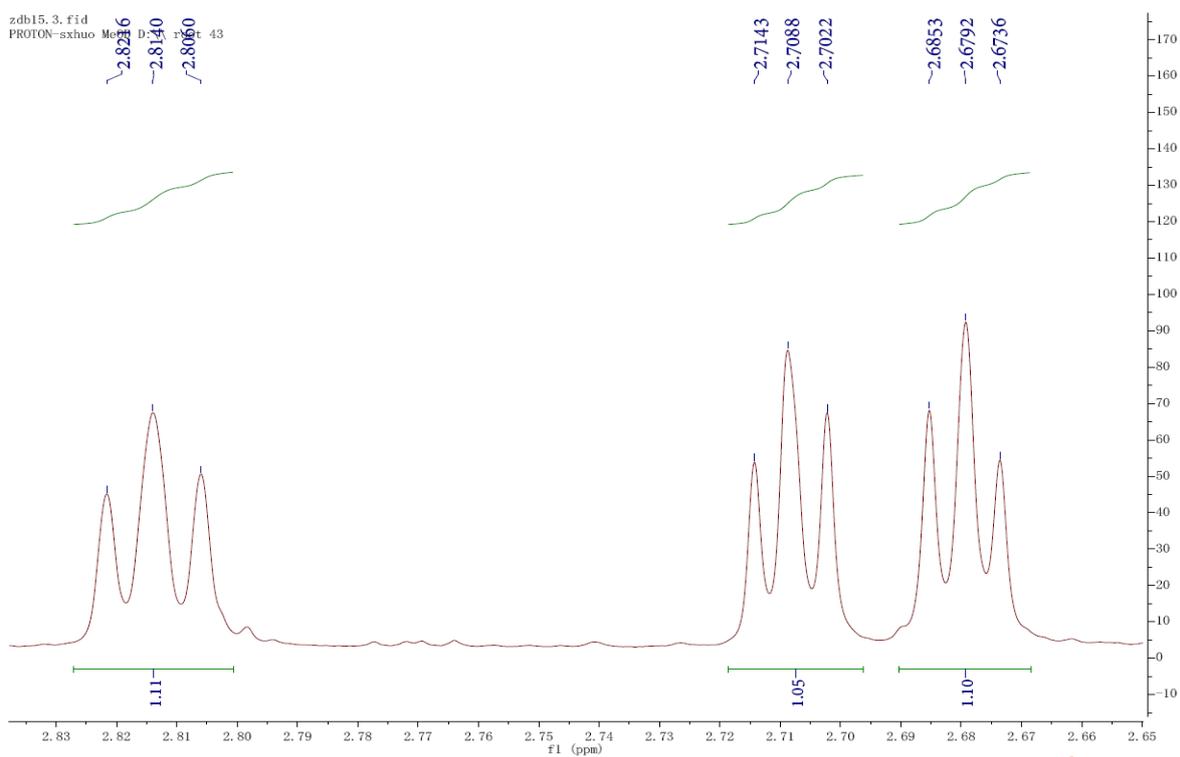
Figure S1: HR-ESI-MS Spectrum of 1 (aduncin C)



**Figure S2:**  $^1\text{H-NMR}$  (800 MHz, MeOD) Spectrum of **1** (aduncin C)



**Figure S3:**  $^1\text{H-NMR}$  (800 MHz, MeOD) Spectrum of **1** (From  $\delta_{\text{H}}$  2.12 ppm to  $\delta_{\text{H}}$  2.35 ppm)



**Figure S4:**  $^1\text{H-NMR}$  (800 MHz,  $\text{CD}_3\text{OD}$ ) Spectrum of **1** (From  $\delta_{\text{H}}$  2.67 ppm to  $\delta_{\text{H}}$  2.82 ppm)



dcb15 c13 and dept

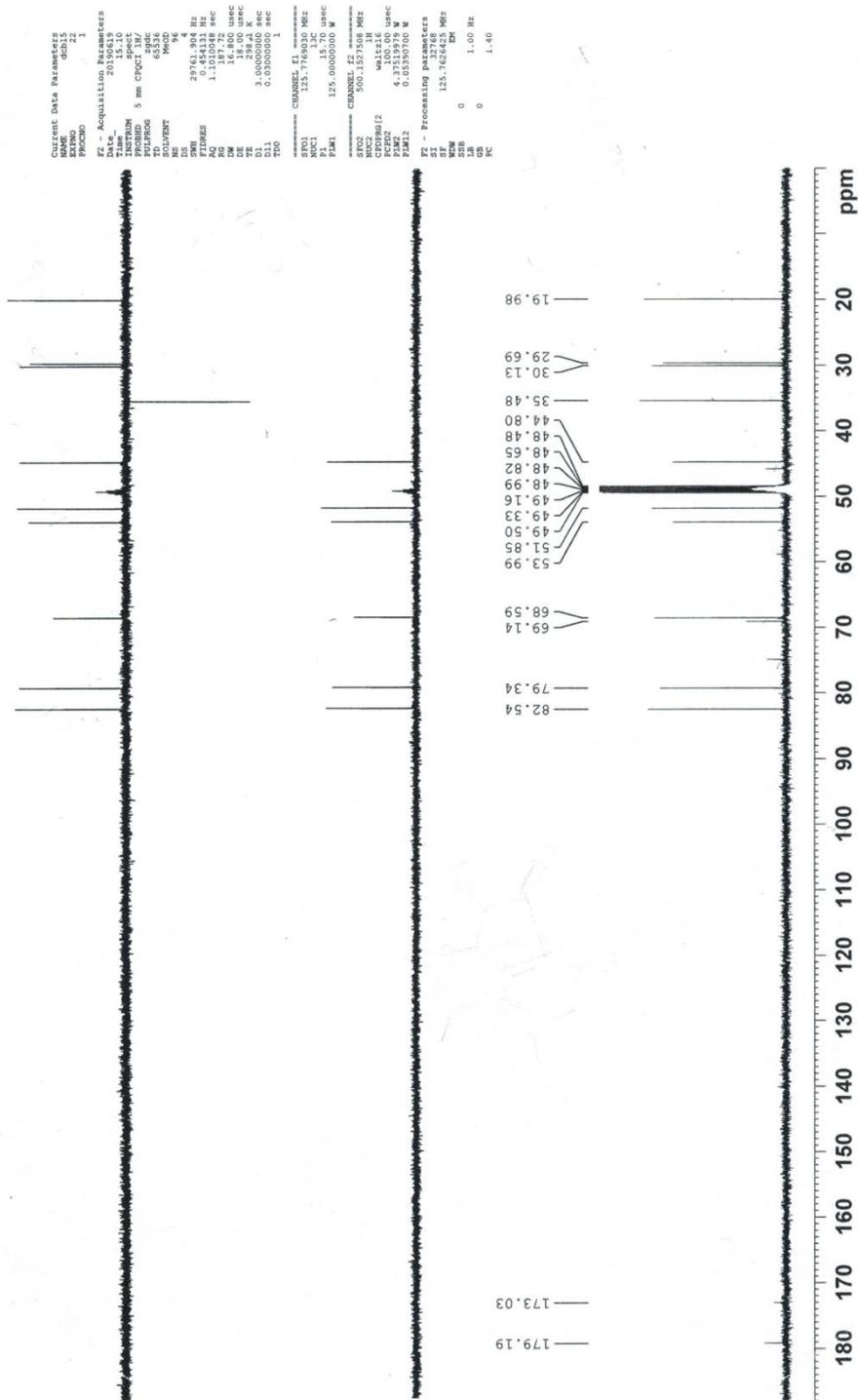
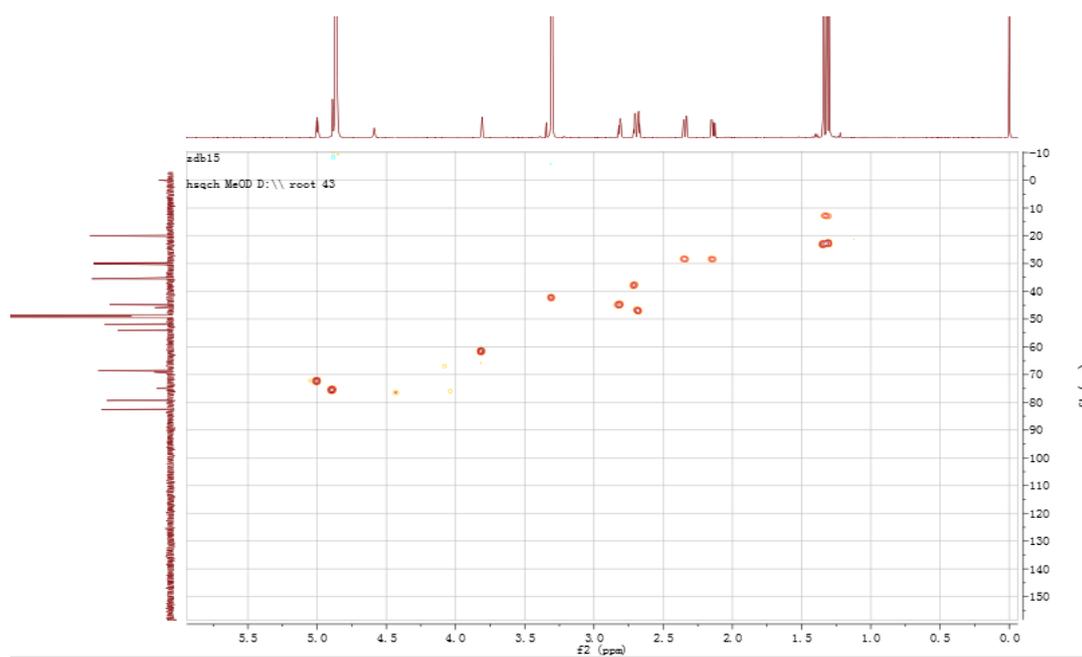
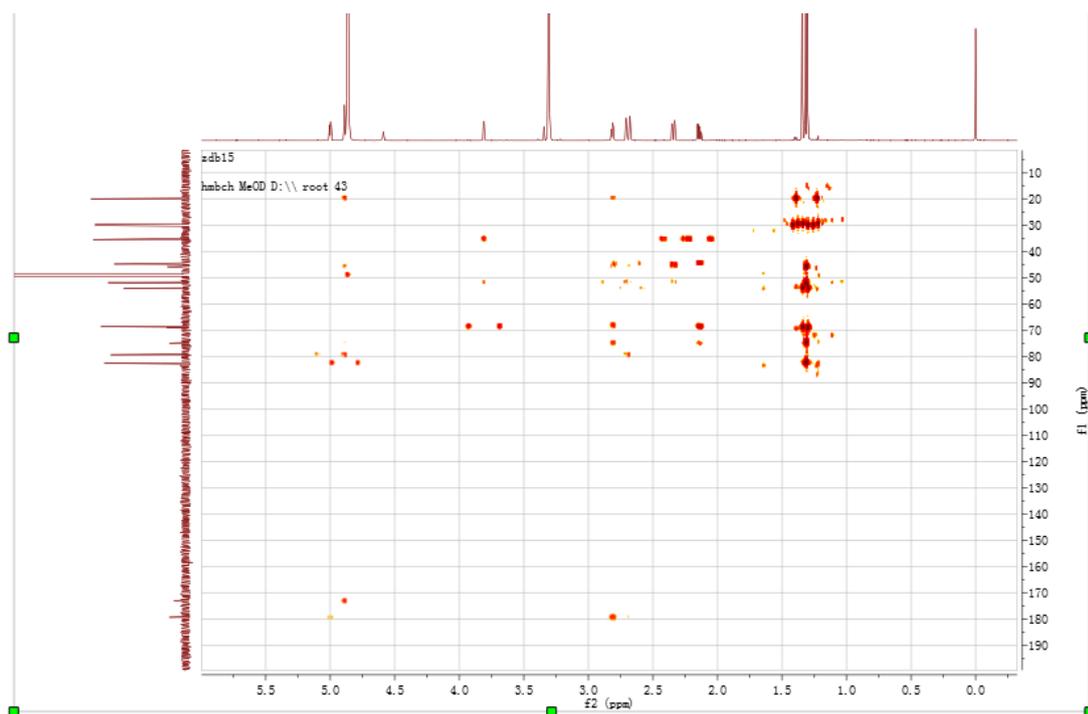


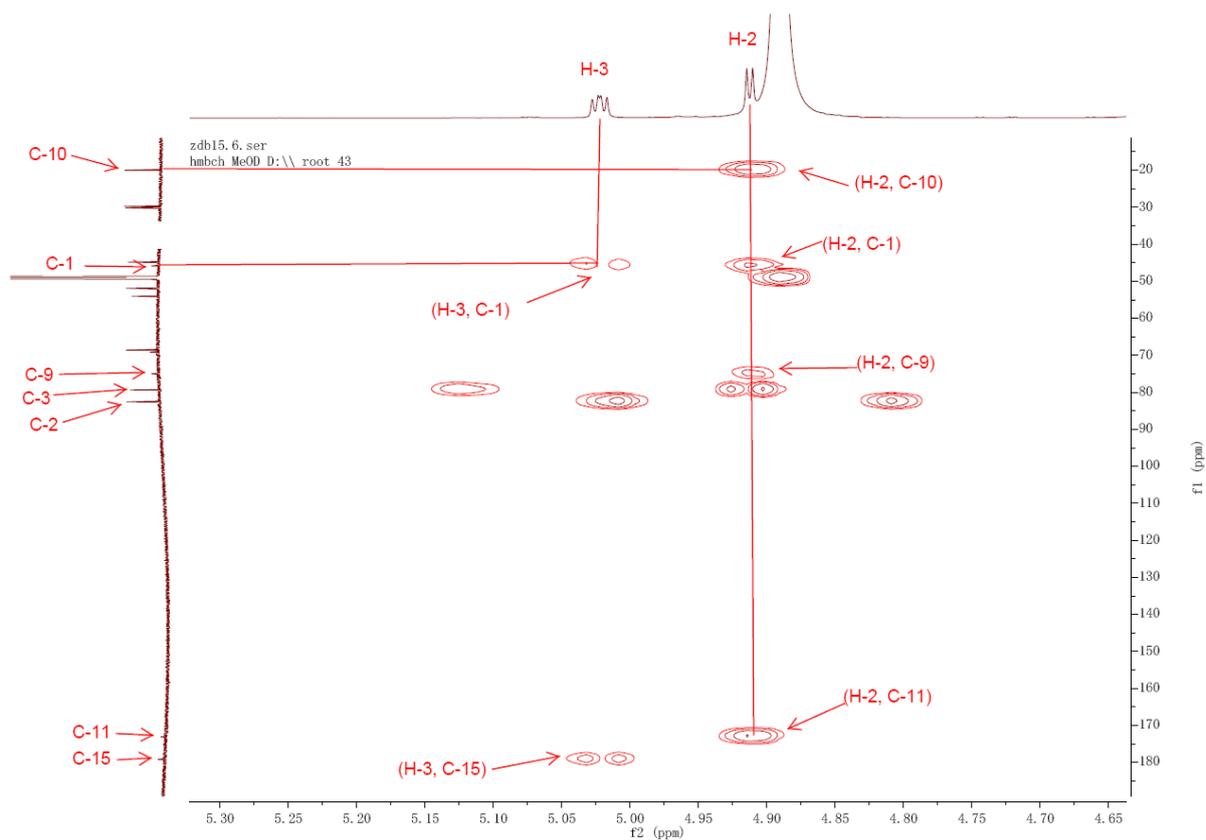
Figure S5: <sup>13</sup>C-NMR (125 MHz, MeOD) Spectrum of **1** (aduncin C)



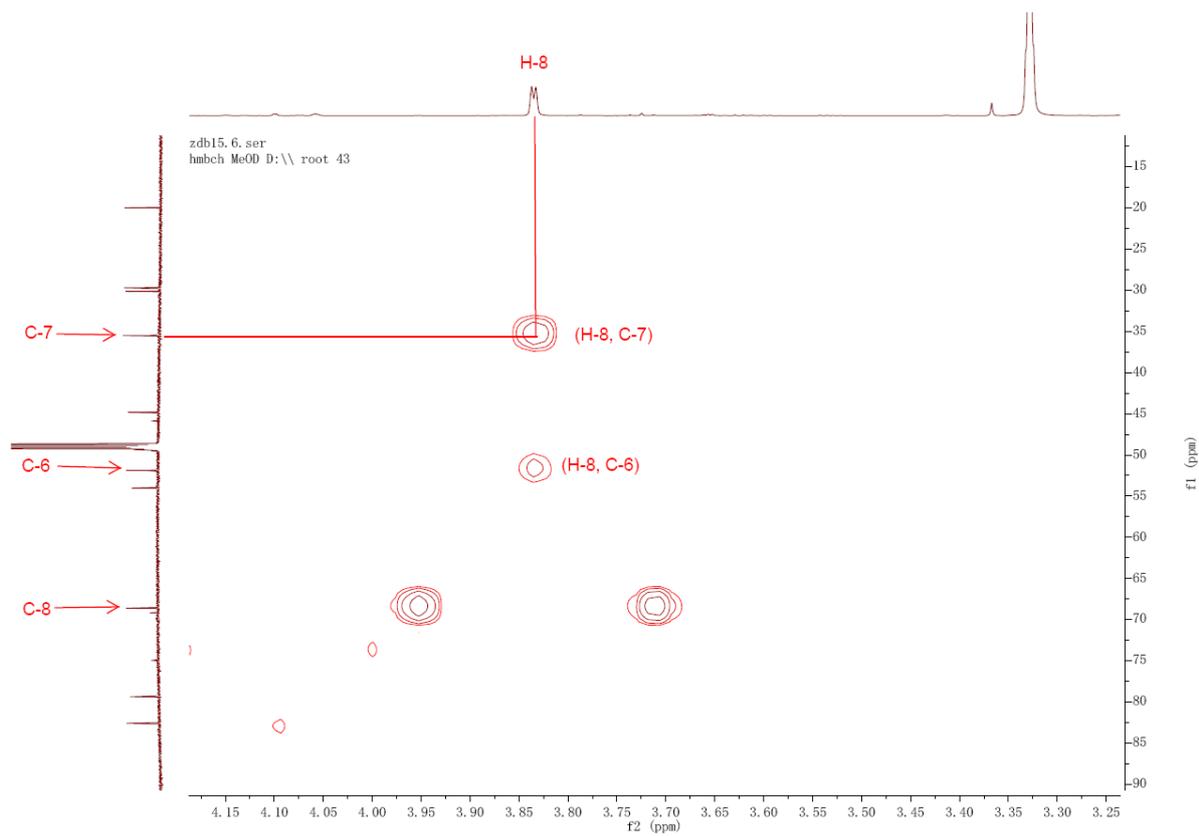
**Figure S6:** HSQC Spectrum of **1** (aduncin C)



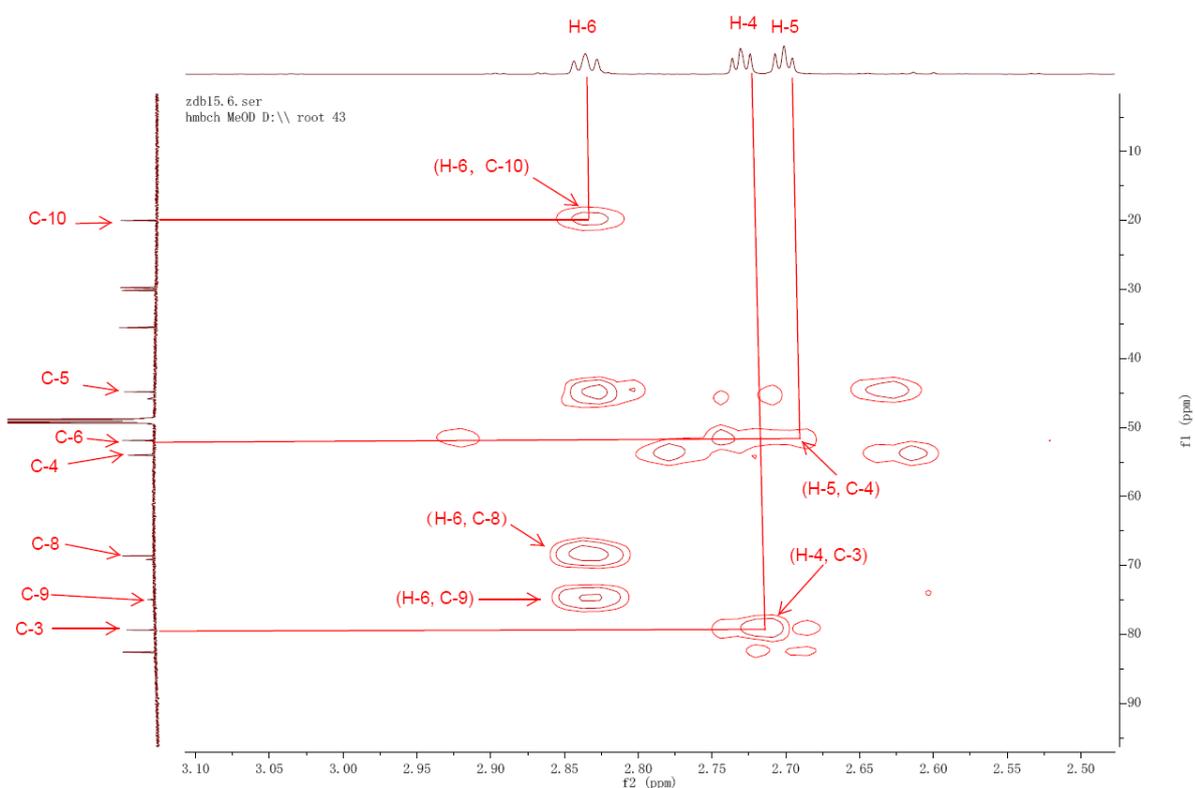
**Figure S7:** HMBC Spectrum of **1** (aduncin C)



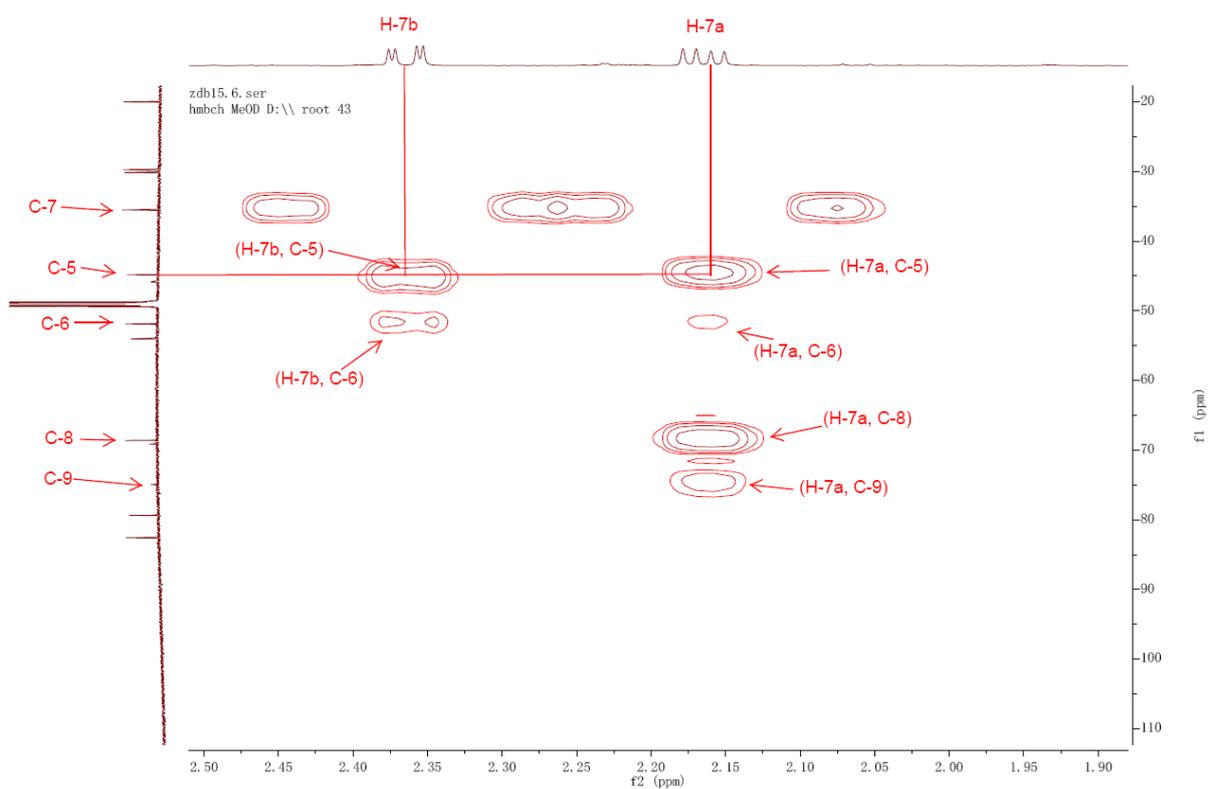
**Figure S8:** HMBC Spectrum of **1** (aduncin C) (From  $\delta_{\text{H}}$  4.65 ppm to  $\delta_{\text{H}}$  5.30 ppm)



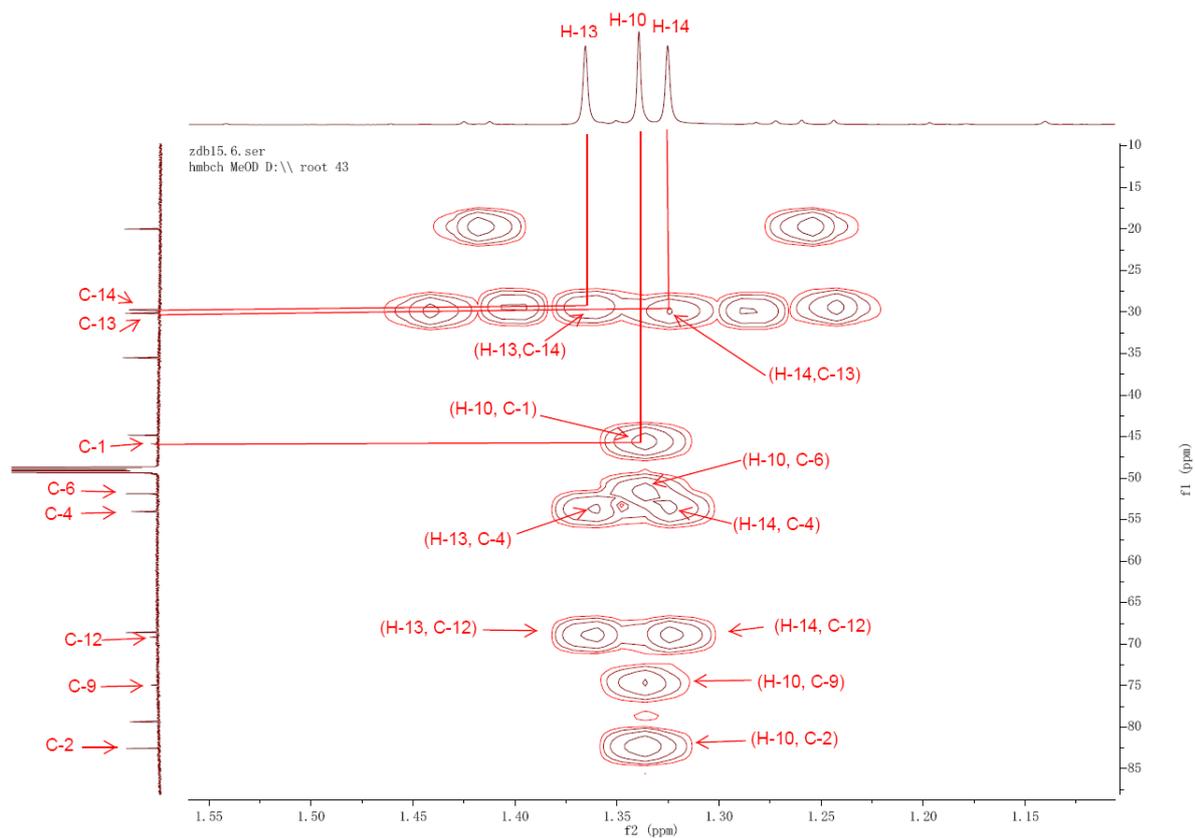
**Figure S9:** HMBC Spectrum of **1** (aduncin C) (From  $\delta_{\text{H}}$  3.25ppm to  $\delta_{\text{H}}$  4.15 ppm)



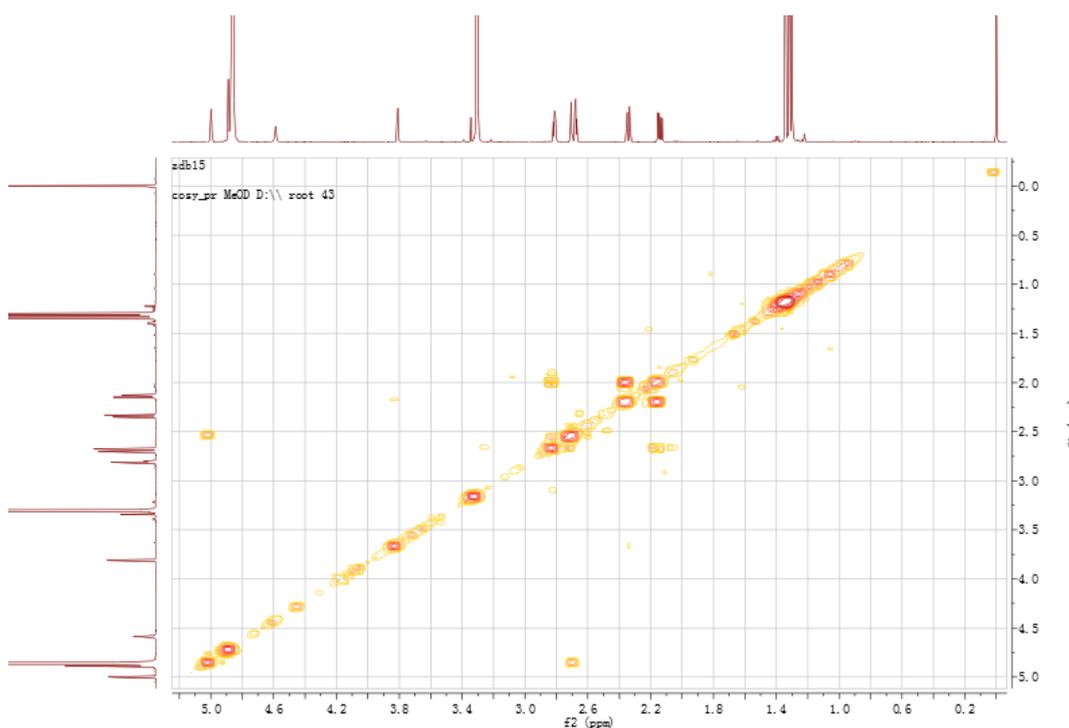
**Figure S10:** HMBC Spectrum of **1** (aduncin C) (From  $\delta_H$  2.50 ppm to  $\delta_H$  3.10 ppm)



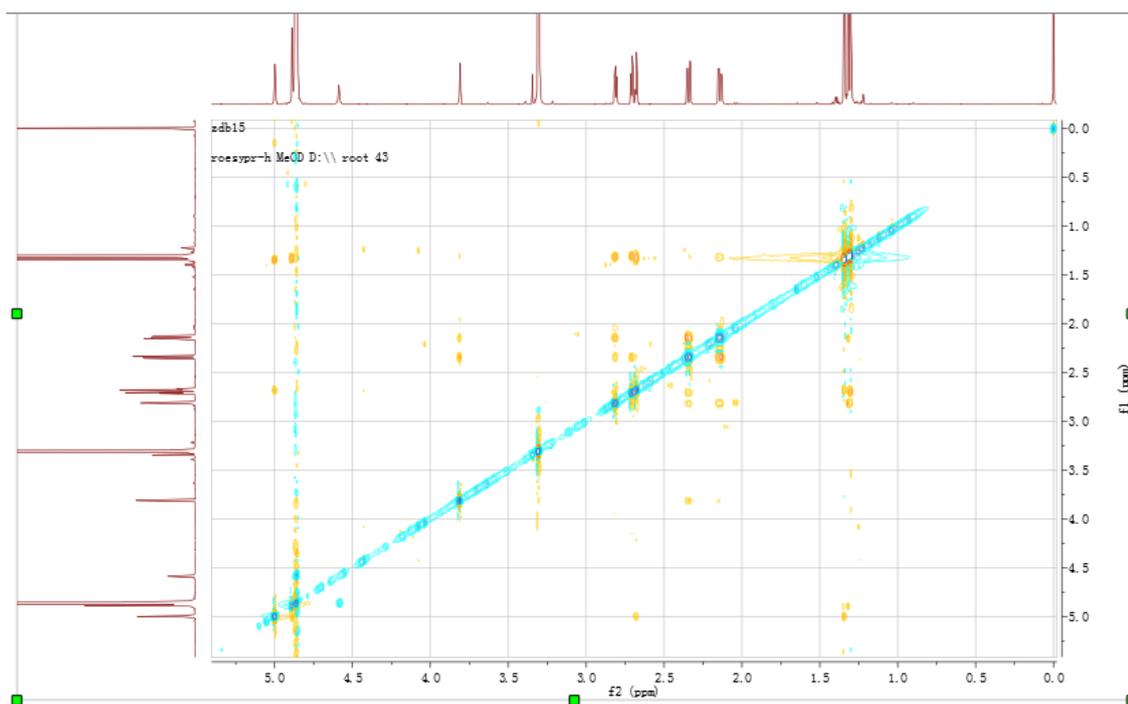
**Figure S11:** HMBC Spectrum of **1** (aduncin C) (From  $\delta_{\text{H}}$  1.90 ppm to  $\delta_{\text{H}}$  2.50 ppm)



**Figure S12:** HMBC Spectrum of **1** (aduncin C) (From  $\delta_{\text{H}}$  1.15 ppm to  $\delta_{\text{H}}$  1.55 ppm)



**Figure S13:**  $^1\text{H}$ - $^1\text{H}$  COSY Spectrum of **1** (aduncin C)



**Figure S14:** ROESY Spectrum of **1** (aduncin C)