

Supporting Information

雷公藤茎中的二萜类成分及生物活性研究

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Fig. S5. HMBC spectrum of **1**

Fig. S6. ROESY spectrum of **1**

Fig. S7. HR-EI-MS spectrum of **1**

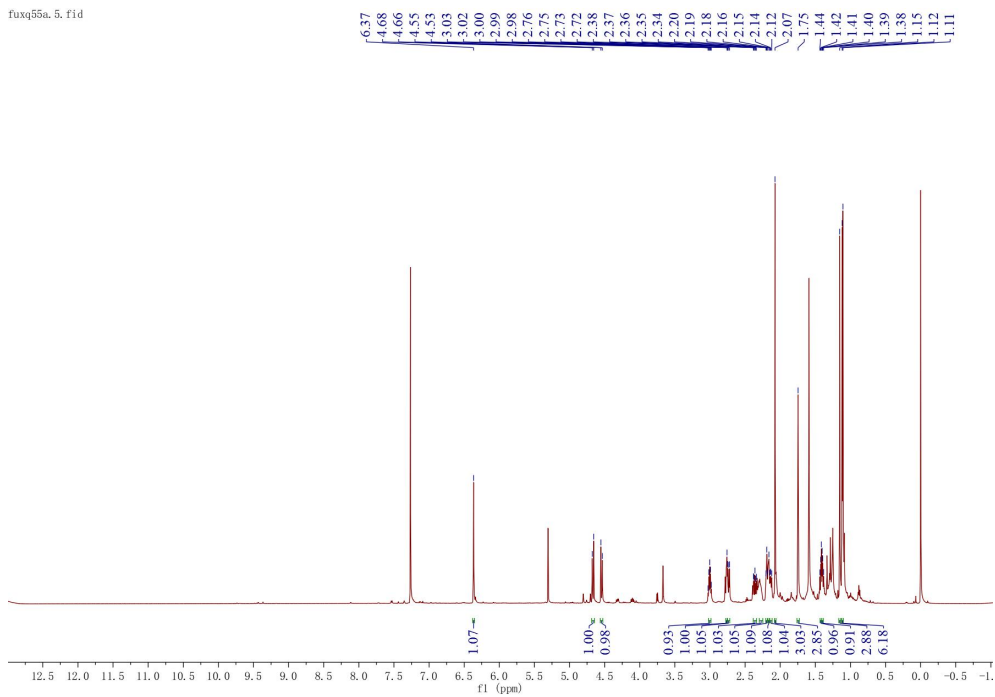


Fig. S1. ^1H NMR spectrum of **1** (CDCl_3 , 600 MHz)

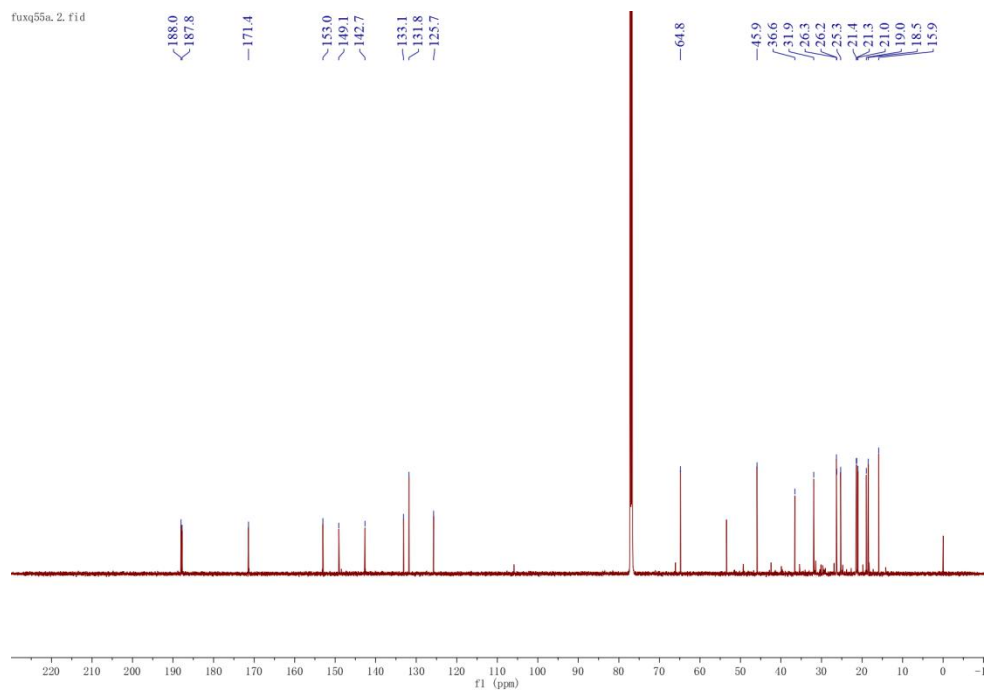


Fig. S2. ^{13}C NMR spectrum of **1** (CDCl_3 , 150 MHz)

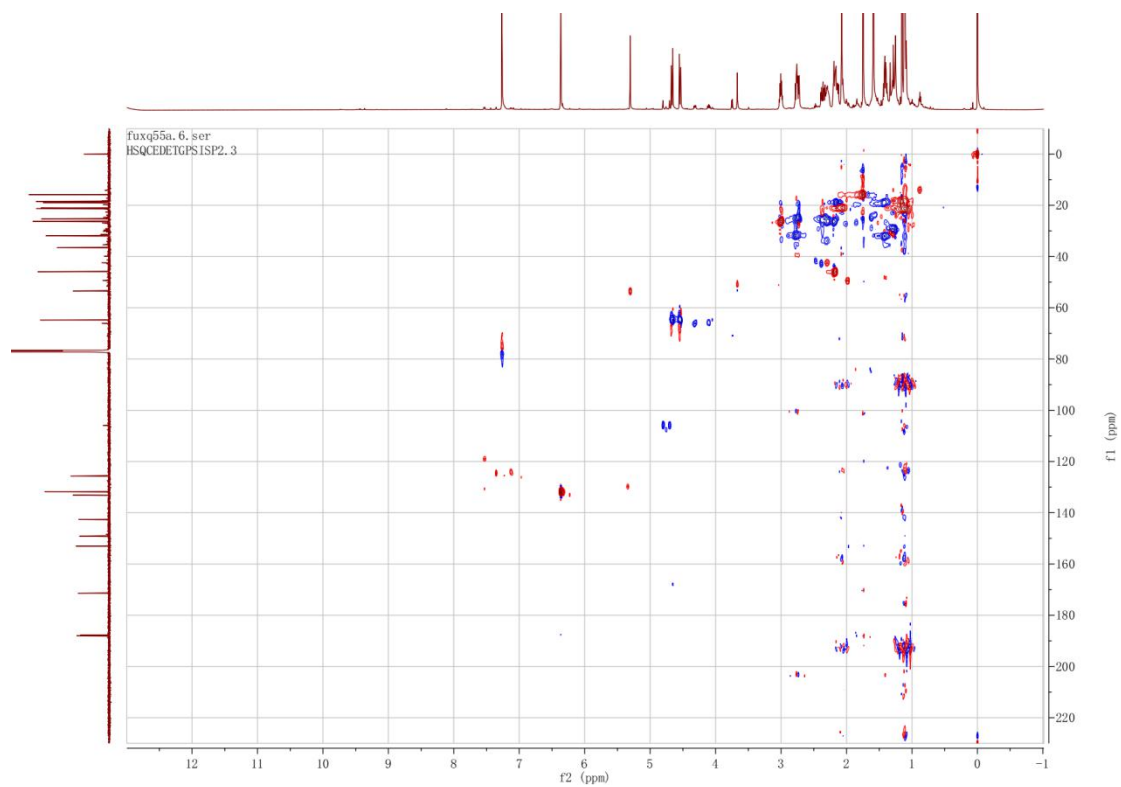


Fig. S3. HSQC spectrum of **1**

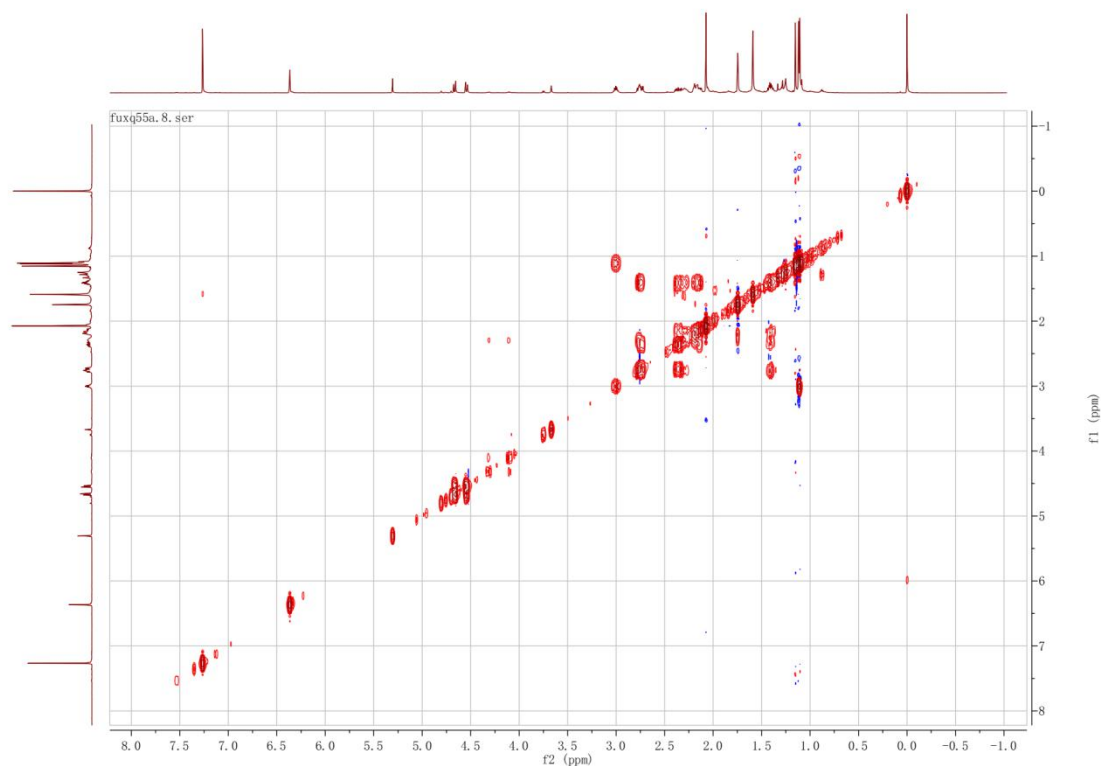


Fig. S4. ^1H - ^1H COSY spectrum of **1**

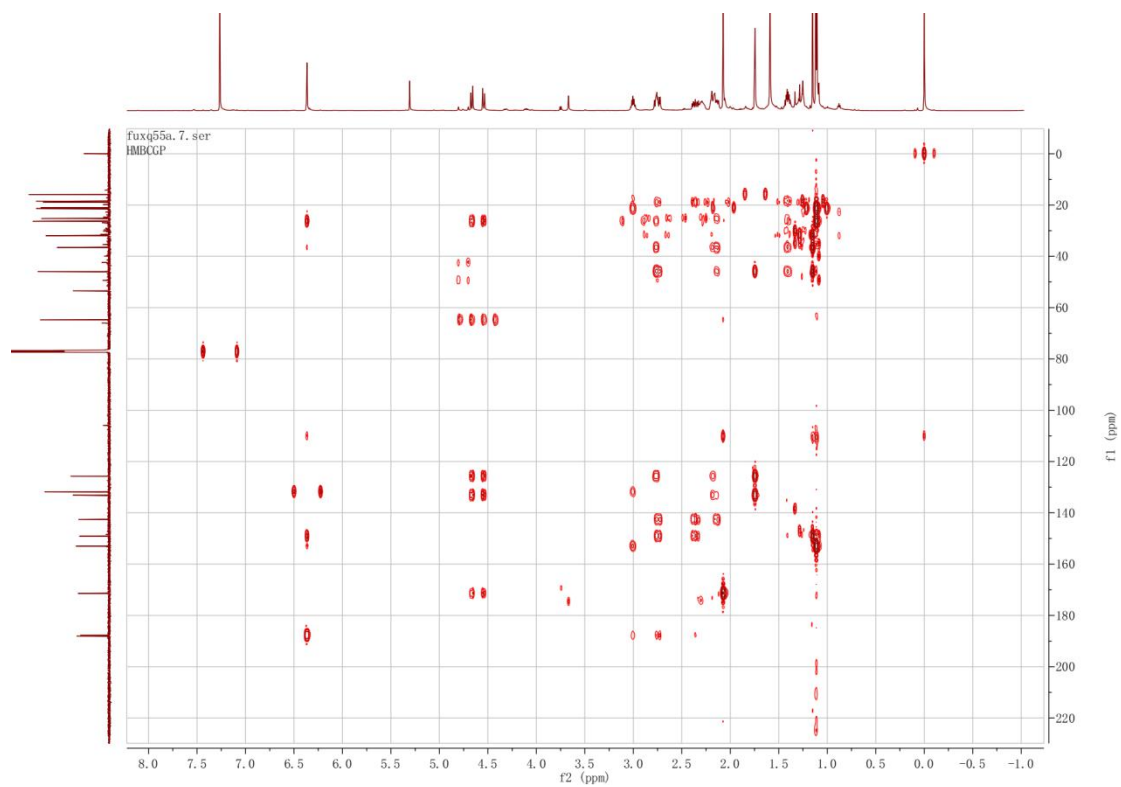


Fig. S5. HMBC spectrum of **1**

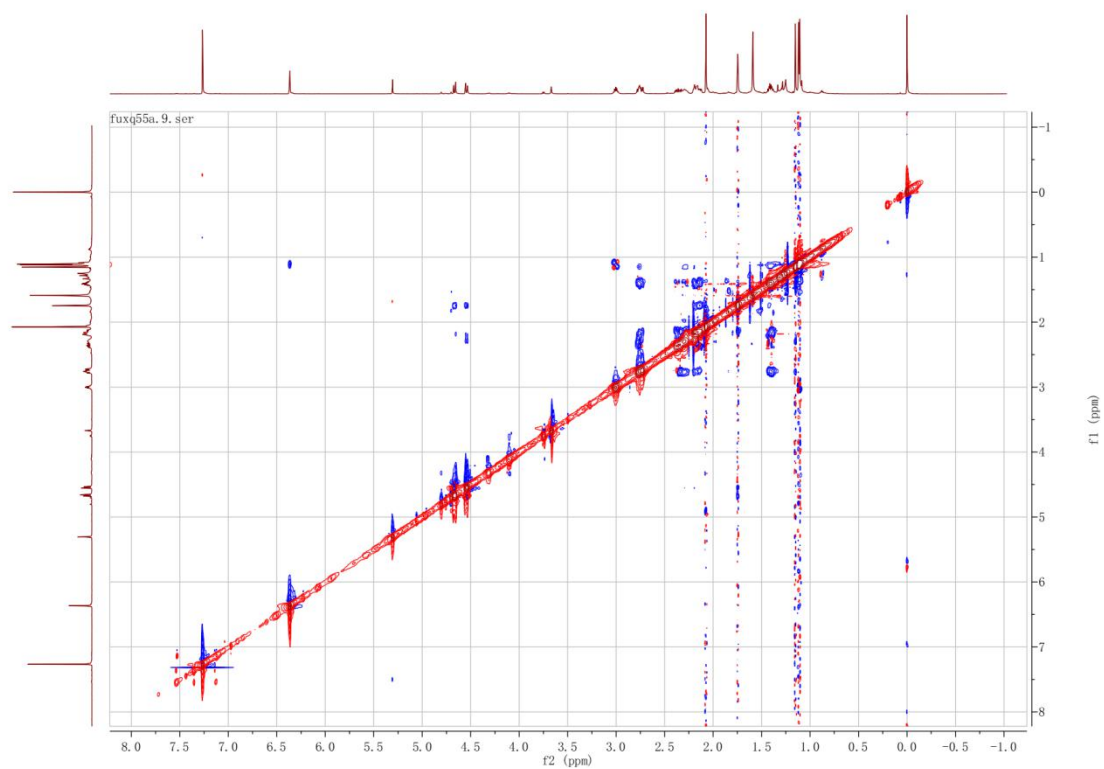
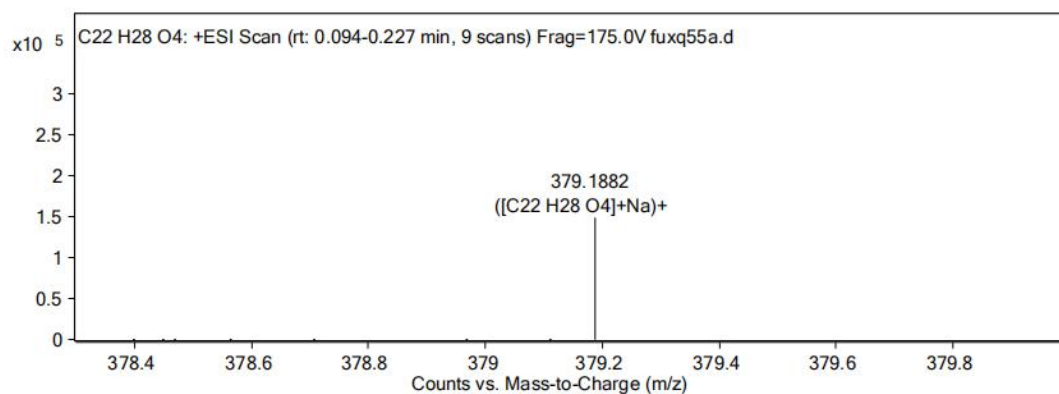


Fig. S6. ROESY spectrum of **1**

Fragmentor Voltage **Collision Energy** **Ionization Mode**
 175 0 ESI



Peak List

<i>m/z</i>	<i>z</i>	Abund	Formula	Ion
111.0921	1	144399.42		
253.2163	1	136503.42		
297.1851	1	299085.47		
307.2245	1	111552.55		
379.1882	1	148341.11	C22 H28 O4	(M+Na)+

Formula Calculator Element Limits

Element	Min	Max
C		60
H		120
O		30

Fig. S7. HR-EI-MS spectrum of **1**