Supplementary Information

Xylopins A–F, six rare guaiane dimers with three different connecting mode from *Xylopia vielana*

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[1]*These authors contributed equally to this work.*

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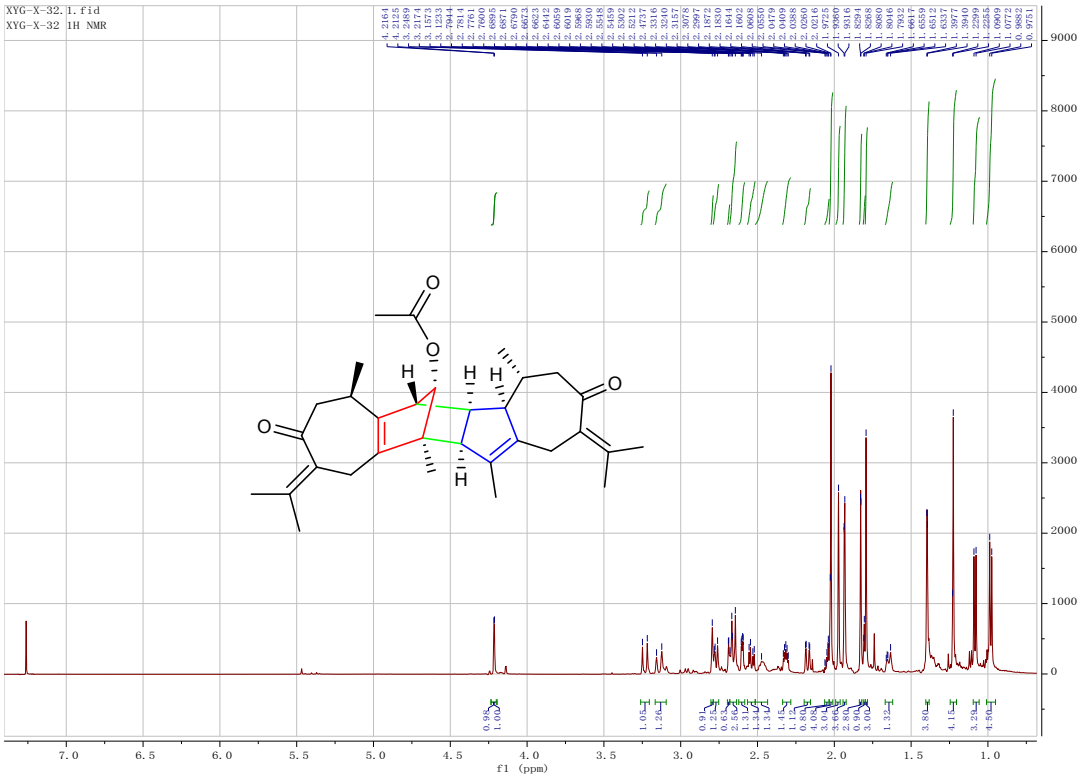

Fig. S1 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **1**

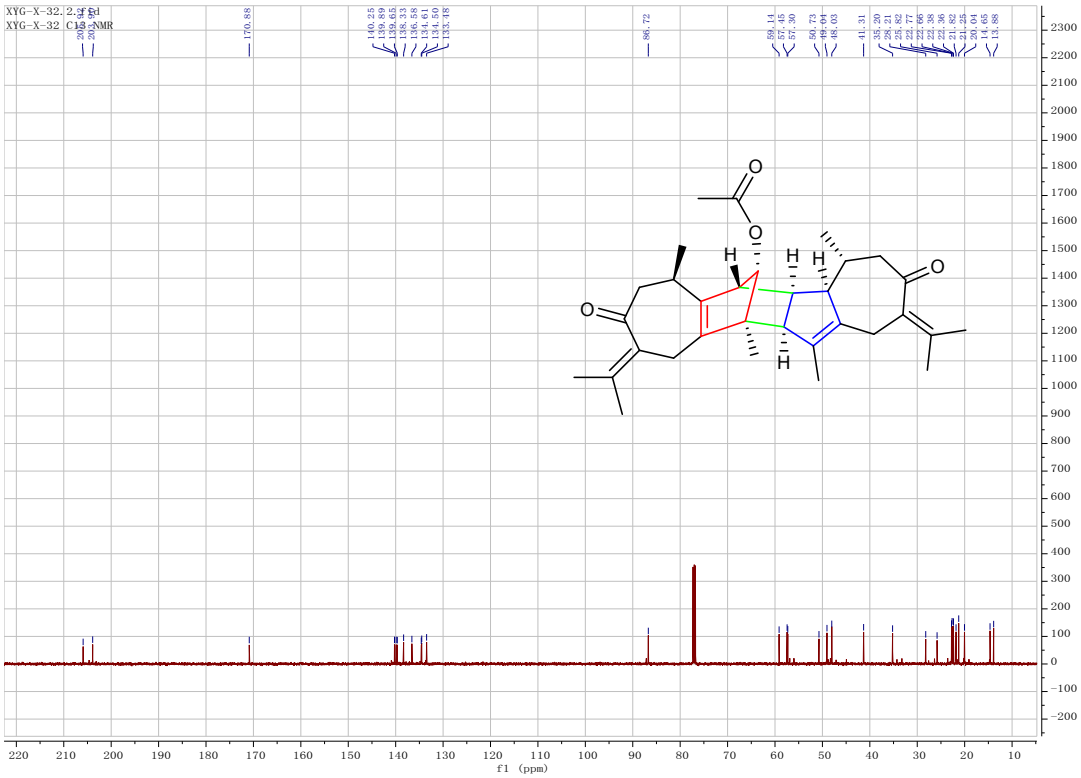

Fig. S2 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **1**

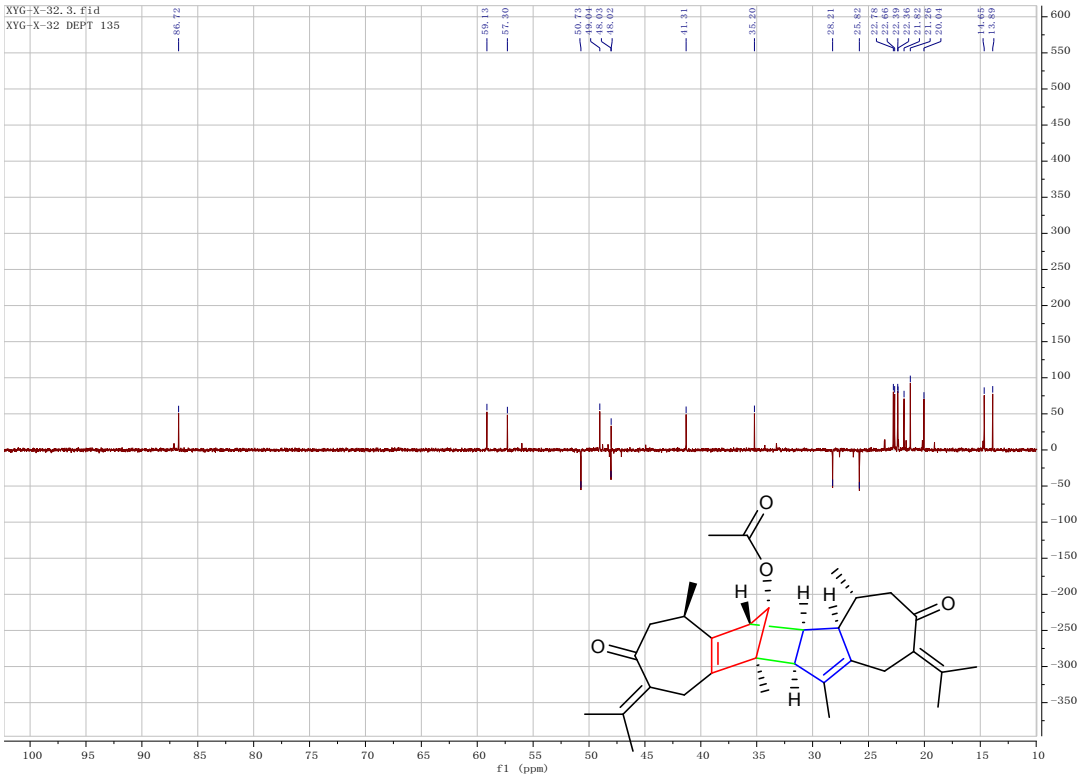

Fig. S3 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **1**

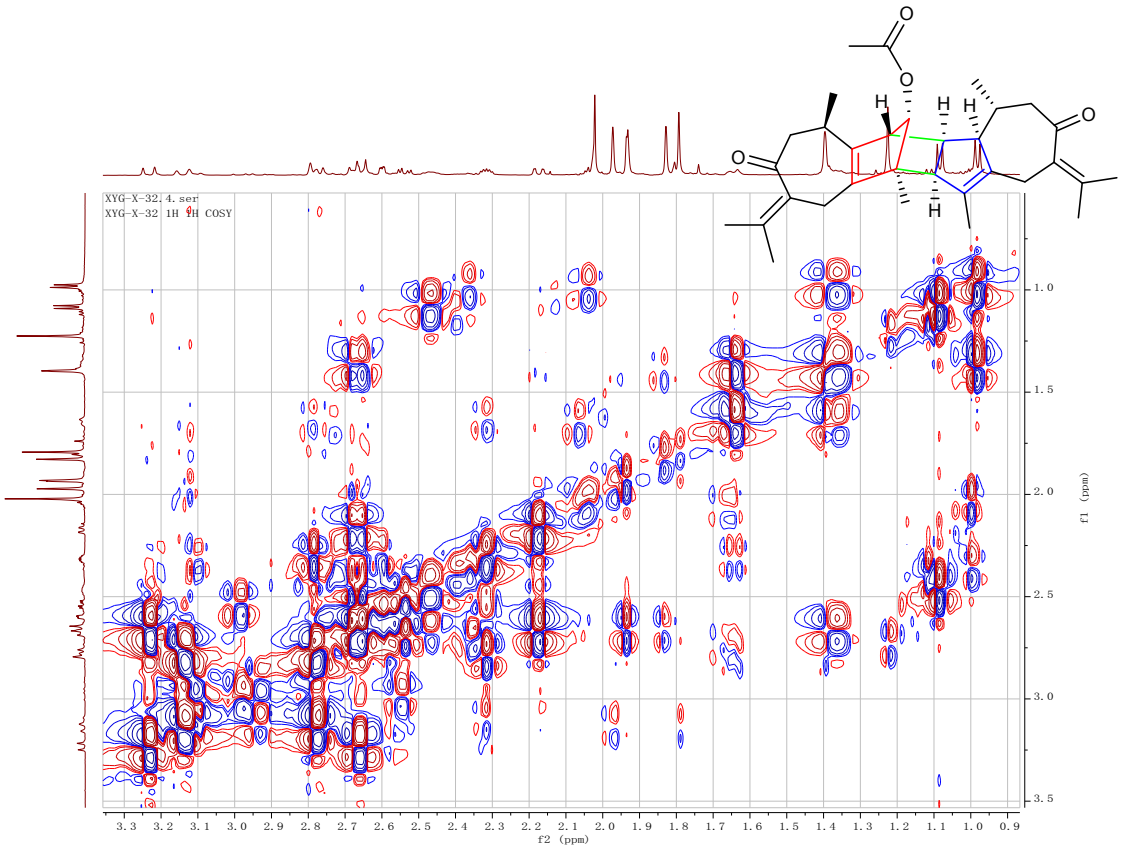

Fig. S4 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **1**

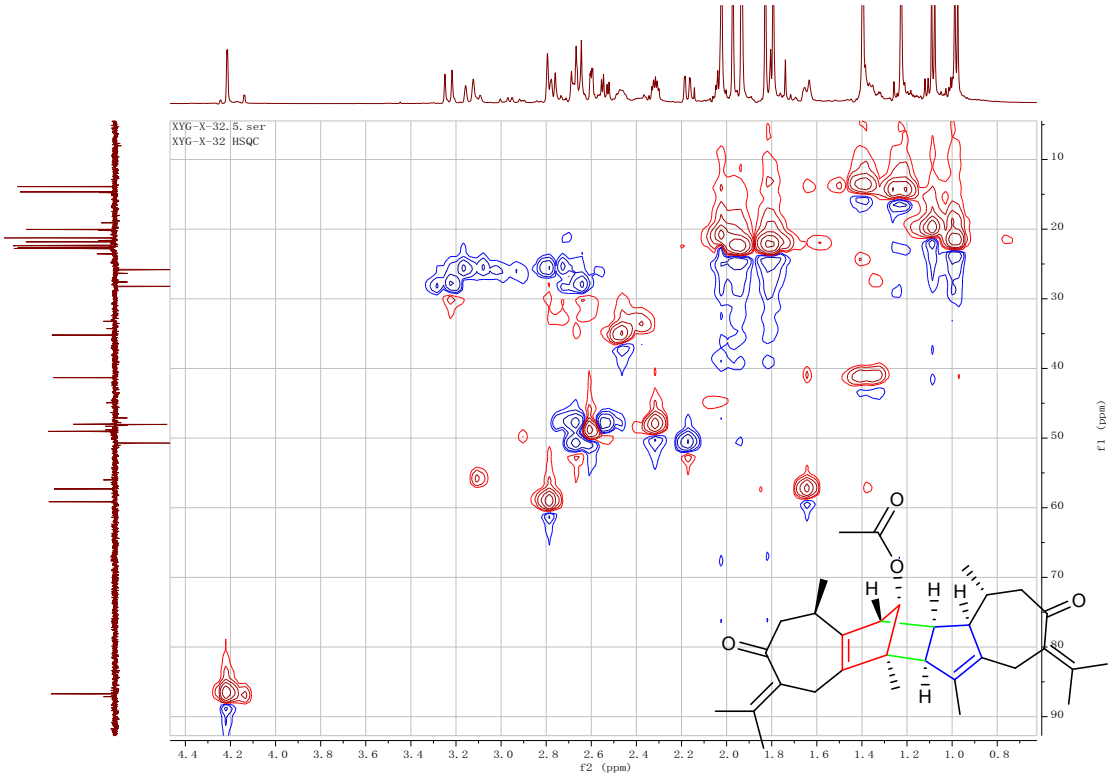

Fig. S5 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **1**

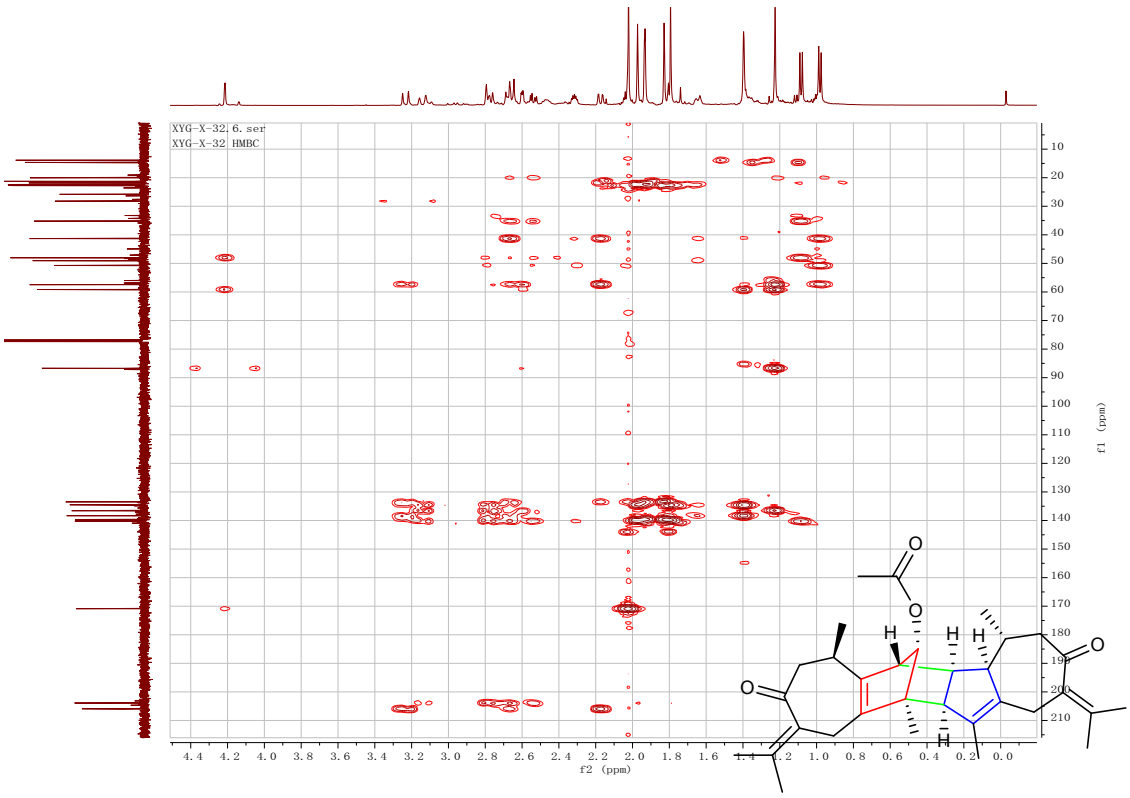

Fig. S6 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **1**

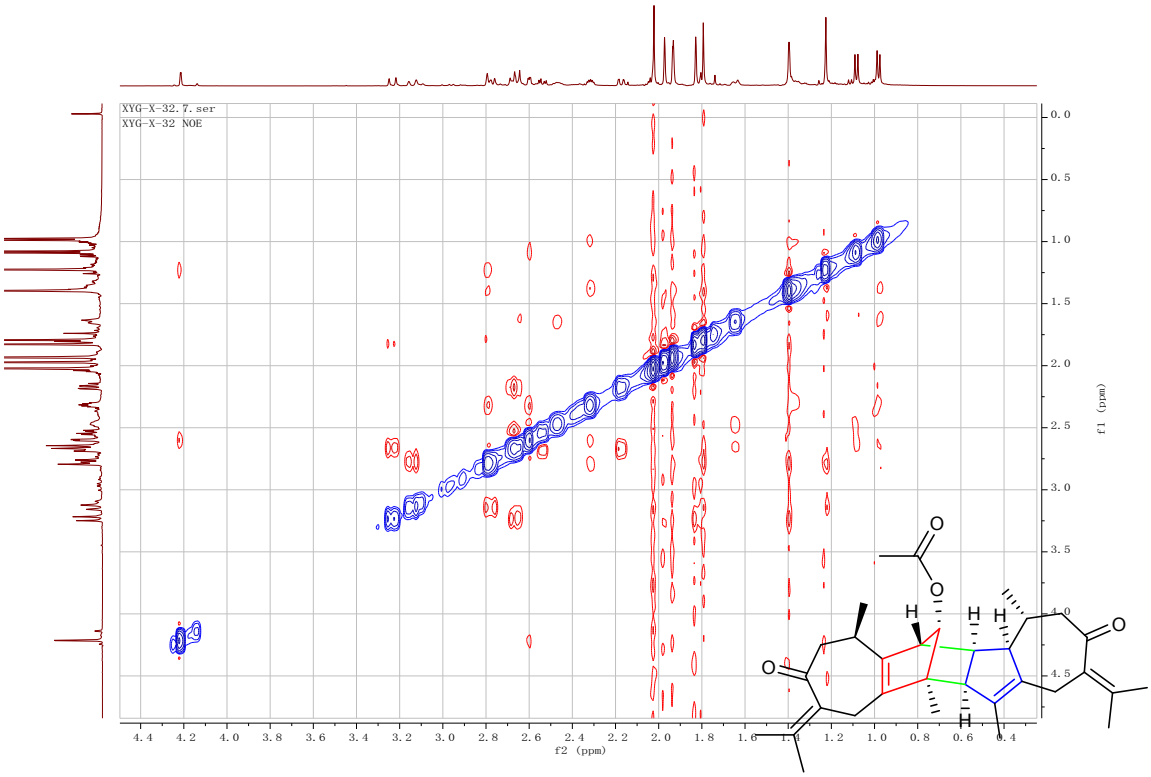

Fig. S7 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **1**

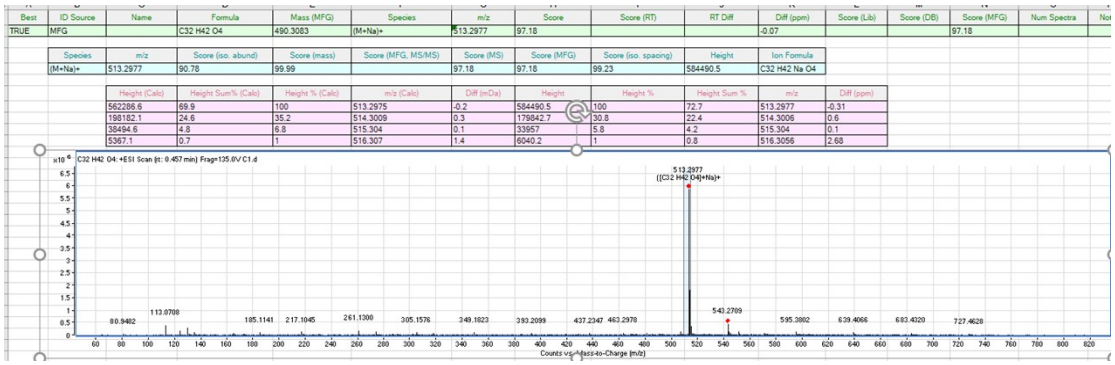

Fig. S8 HR-ESI-MS spectrum of compound **1**

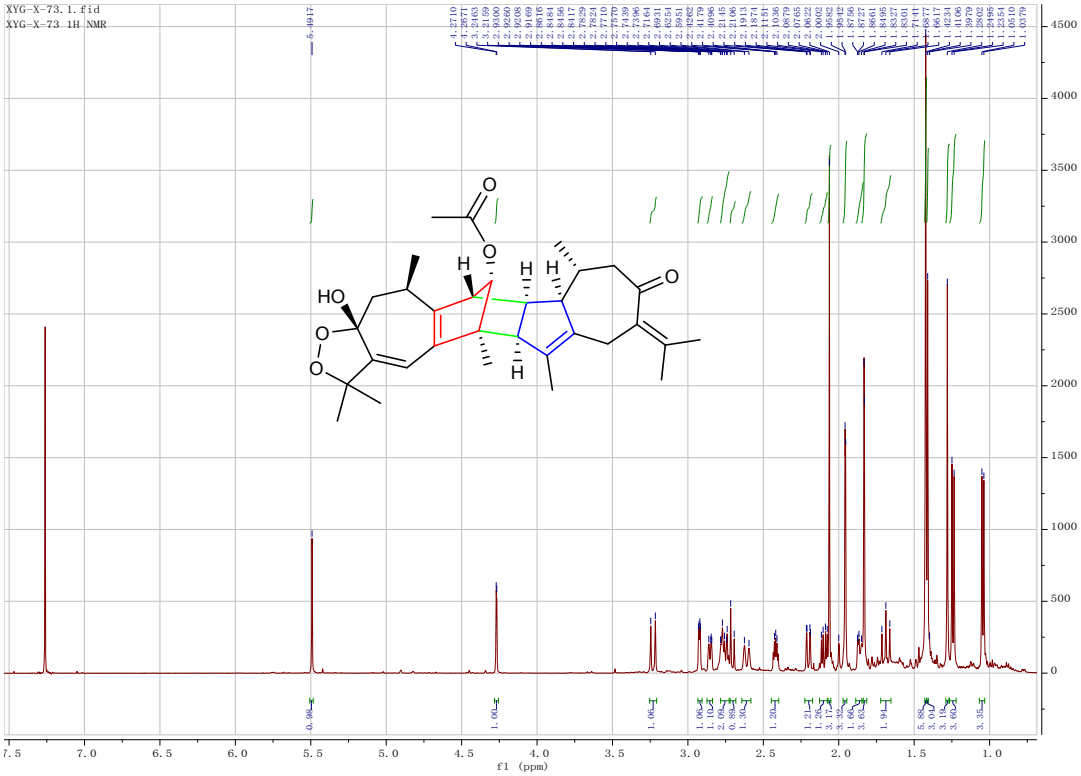

Fig. S9 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **2**

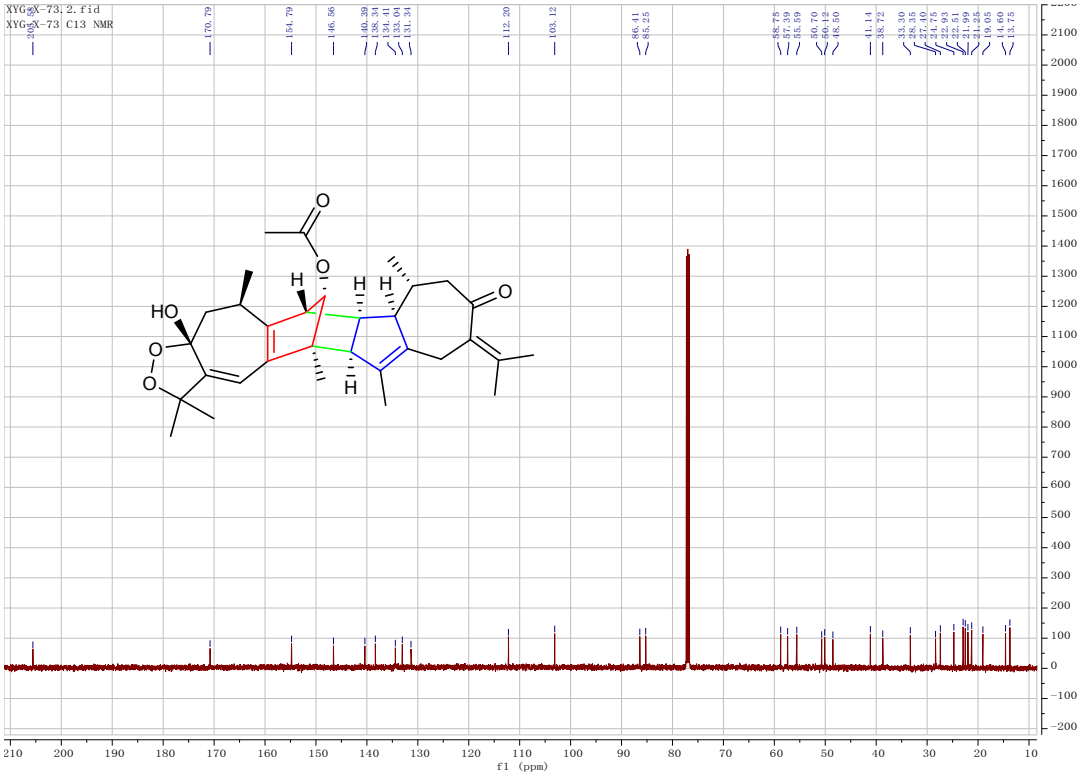

Fig. S10 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **2**

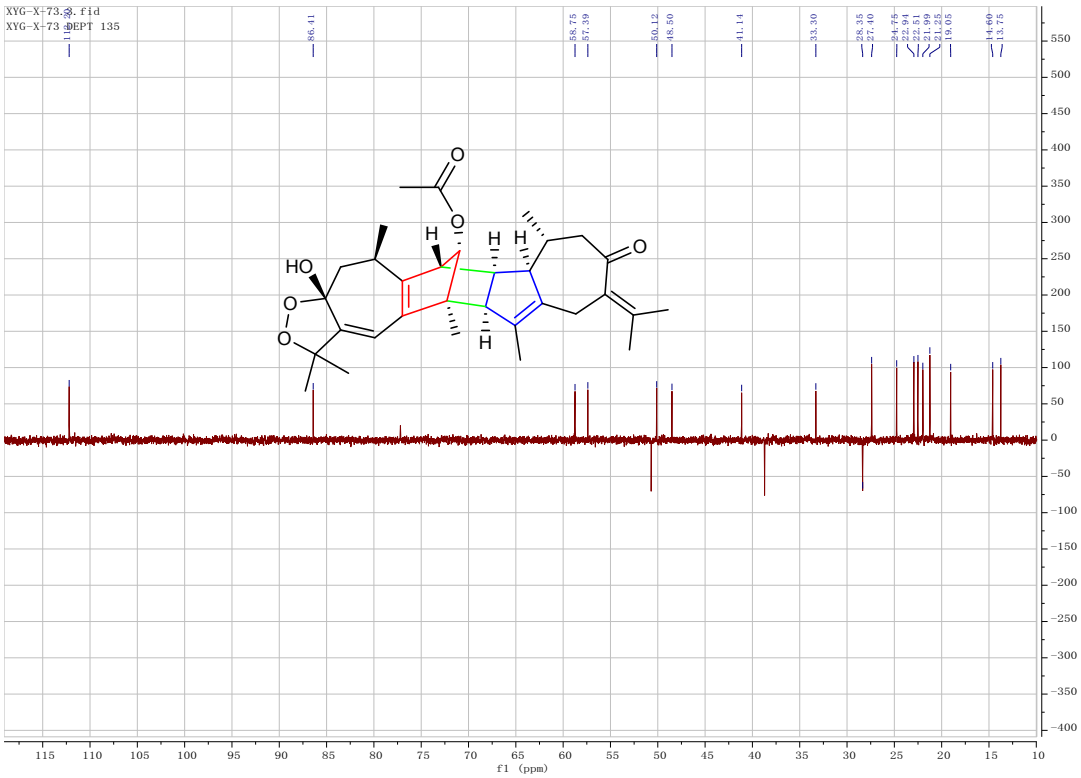

Fig. S11 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **2**

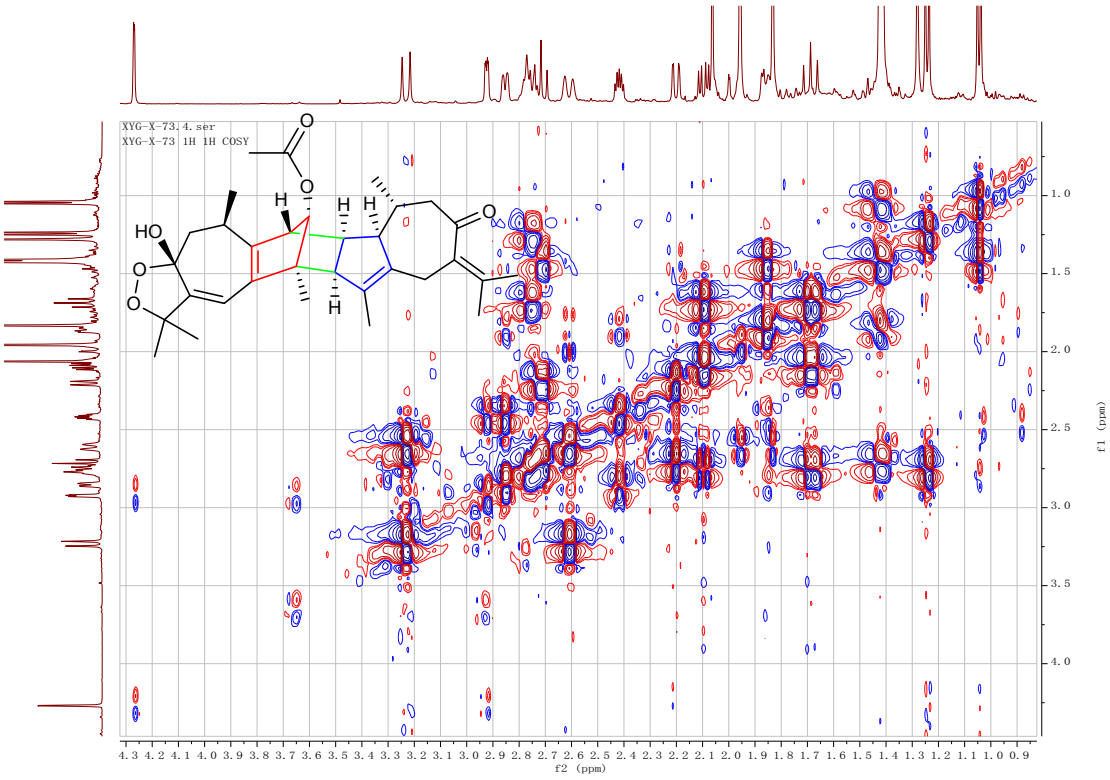

Fig. S12 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **2**

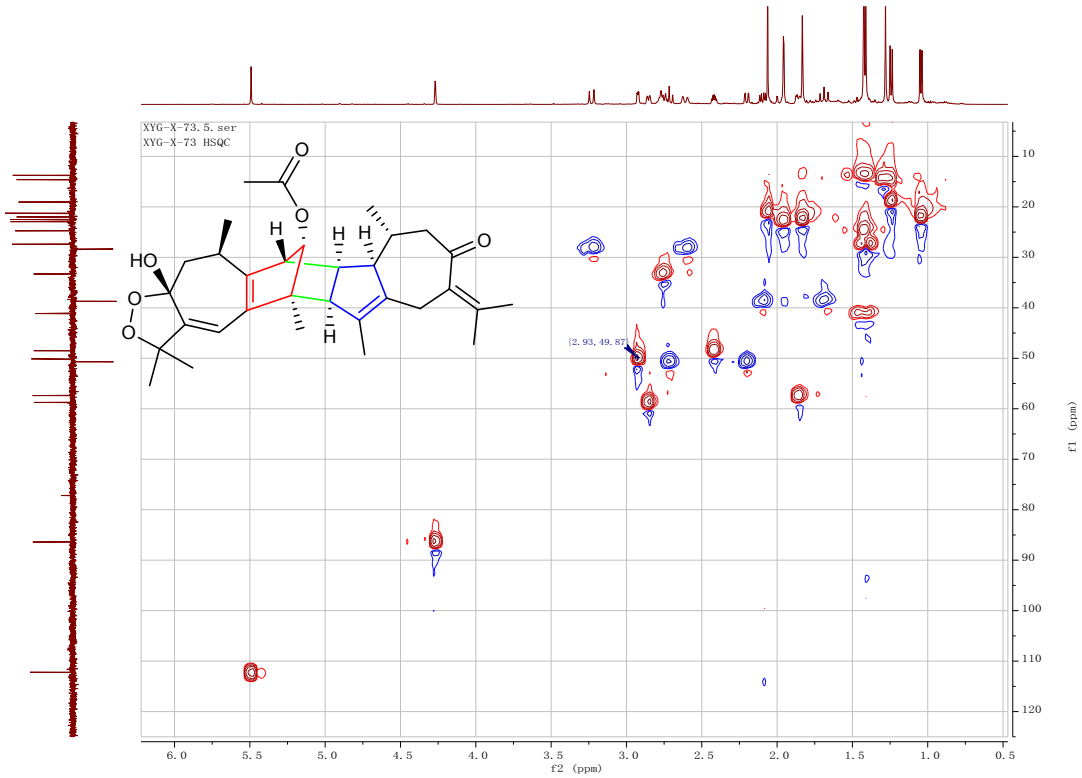

Fig. S13 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **2**

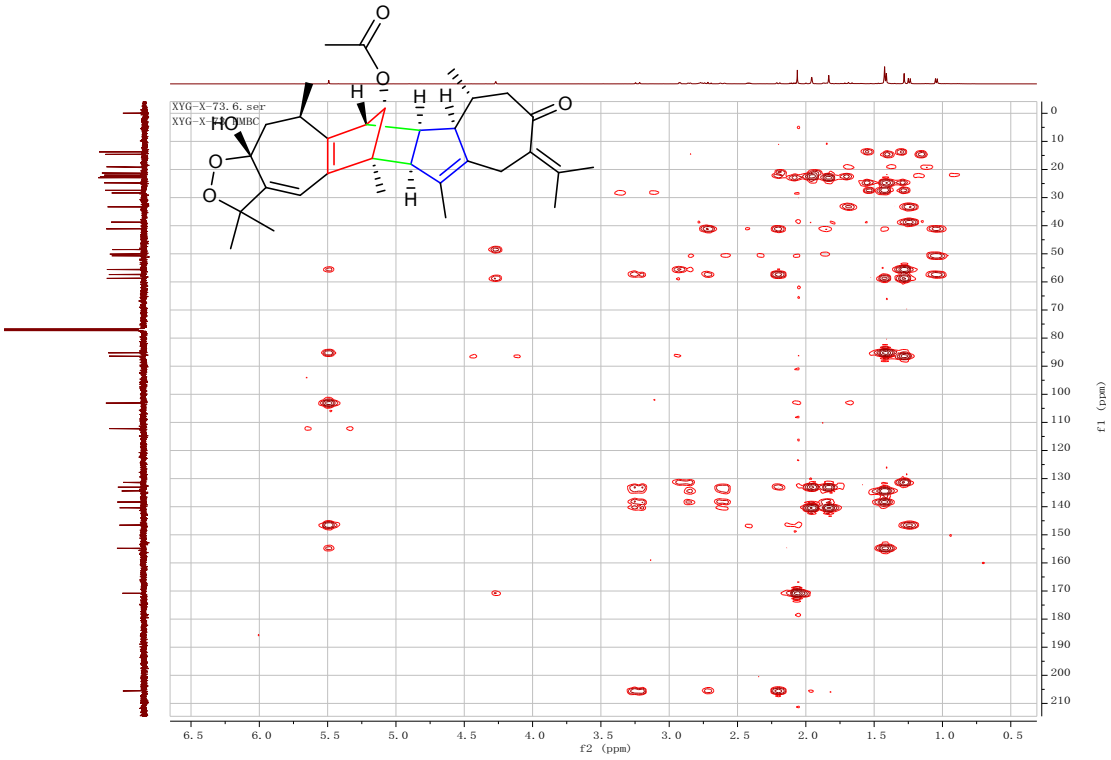

Fig. S14 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **2**

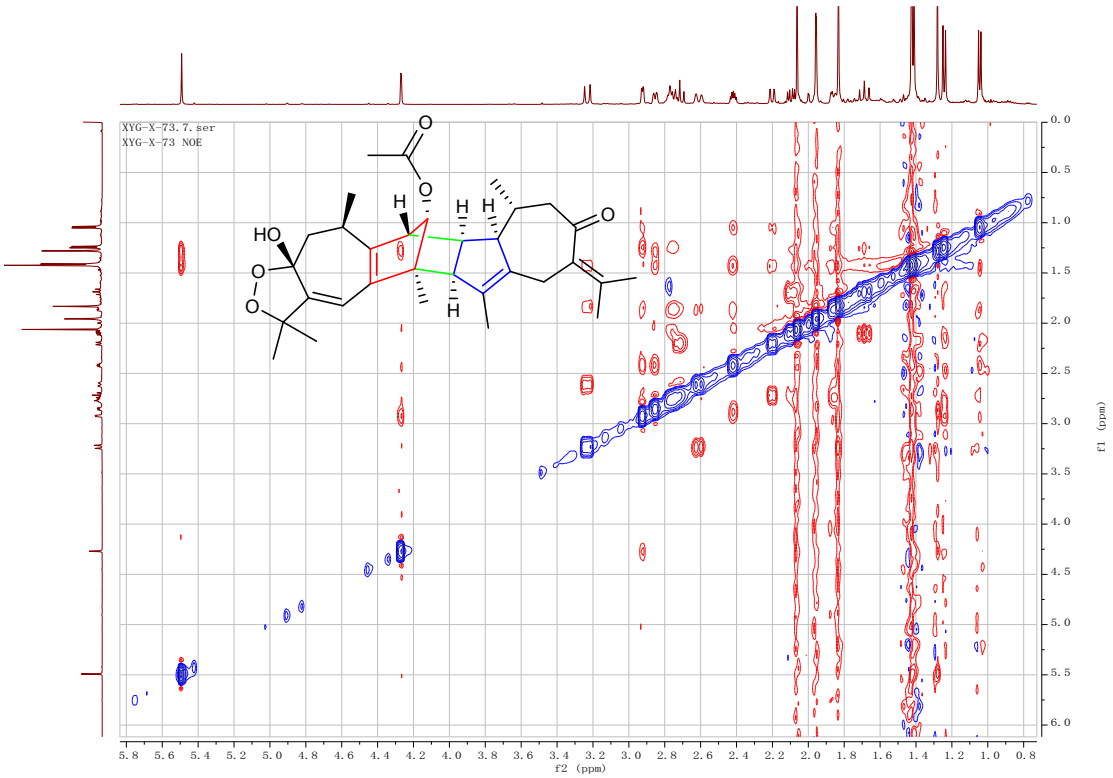

Fig. S15 NOESY spectrum of compound **2**

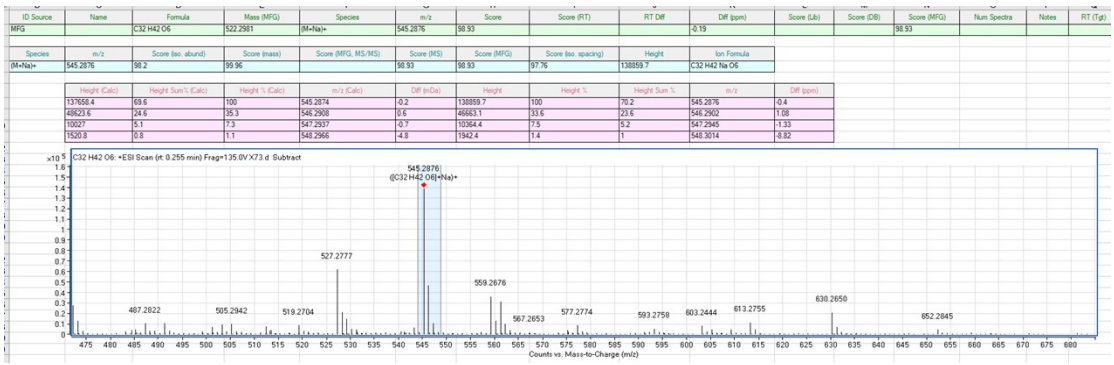

Fig. S16 HR-ESI-MS spectrum of compound **2**

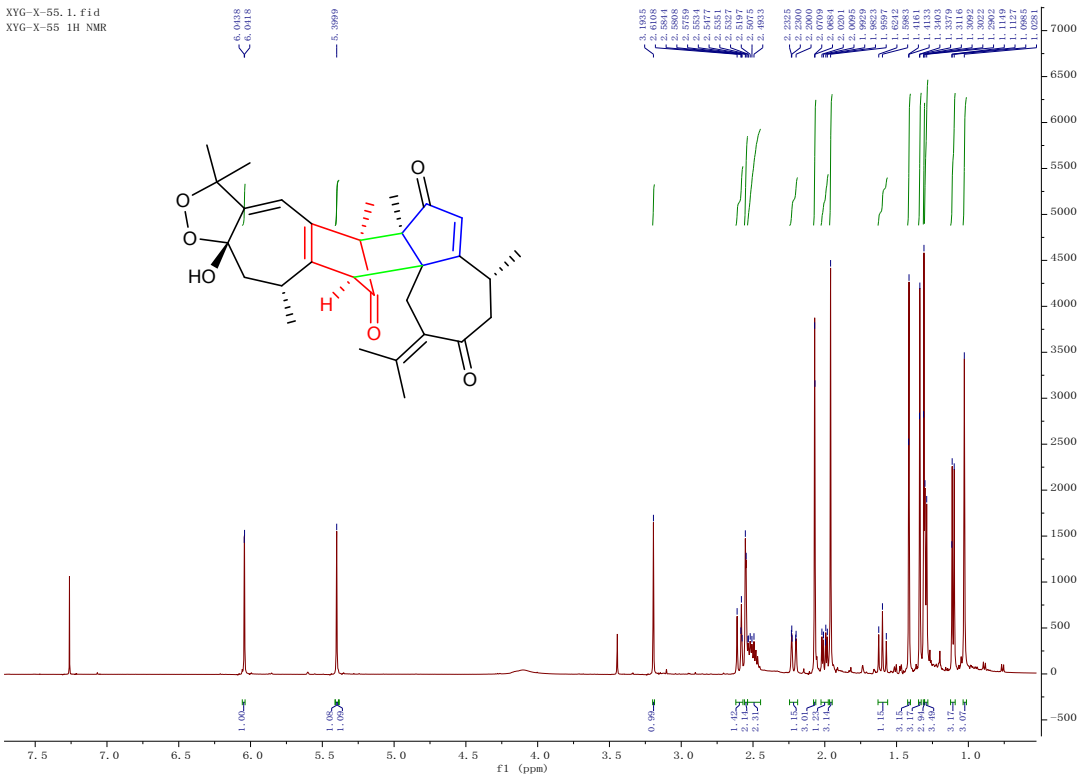

Fig. S17 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **3**

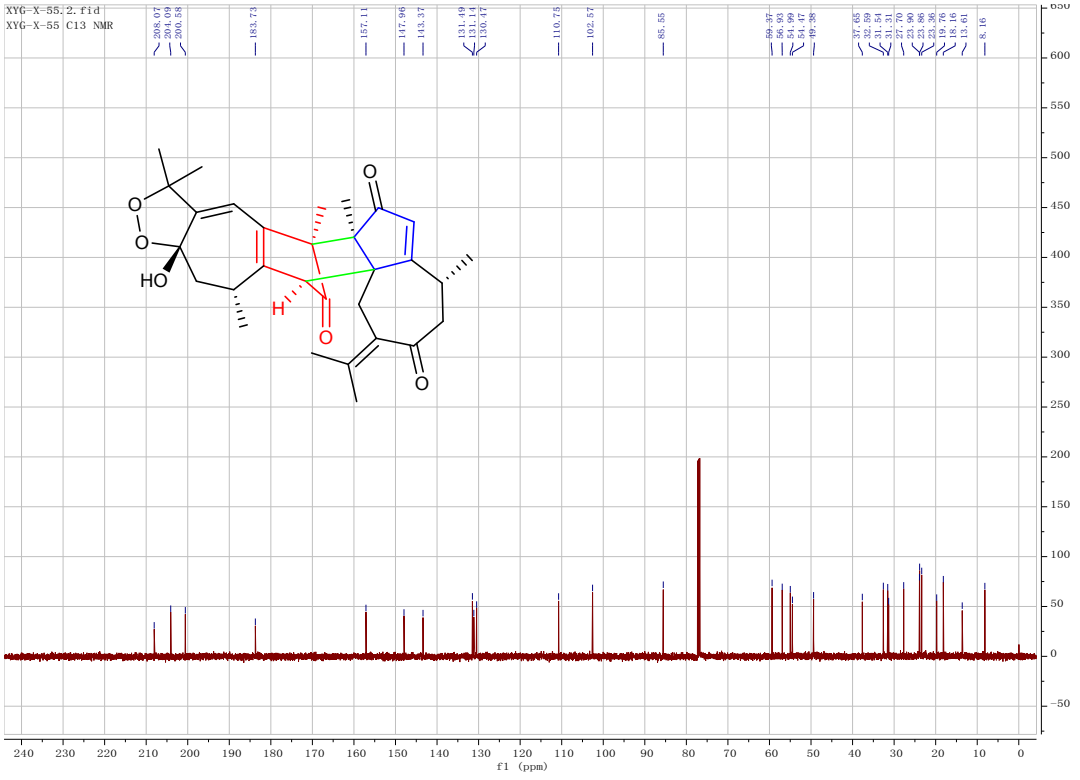

Fig. S18 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **3**

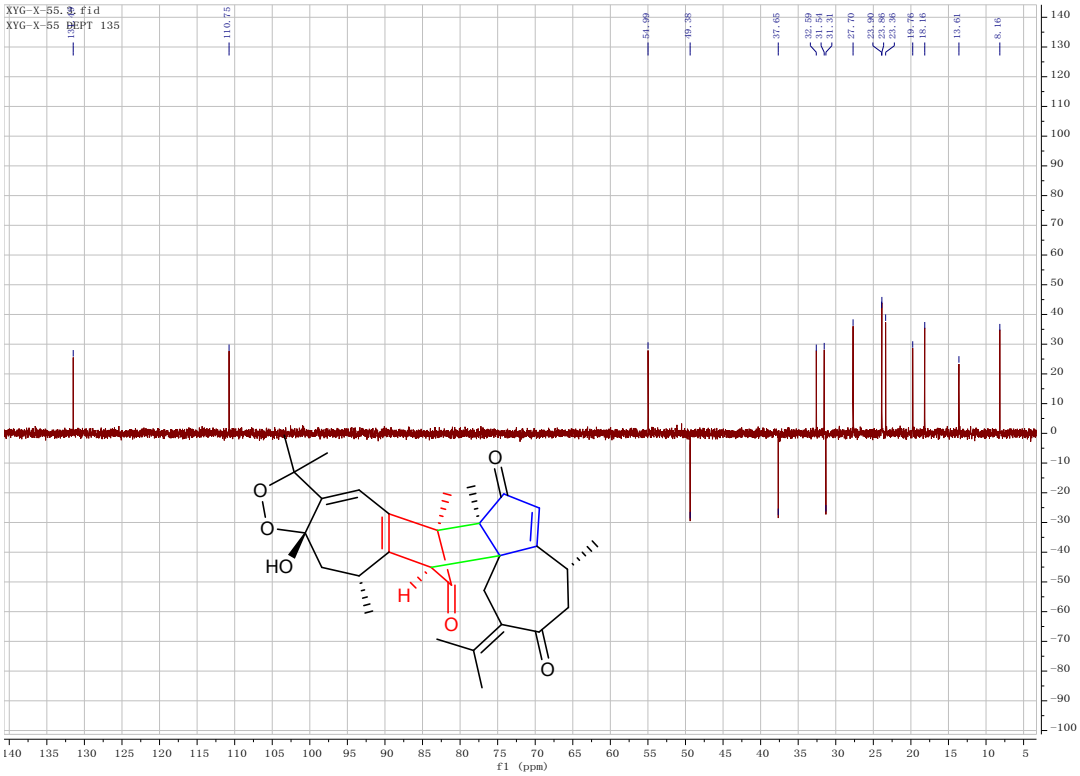

Fig. S19 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **3**

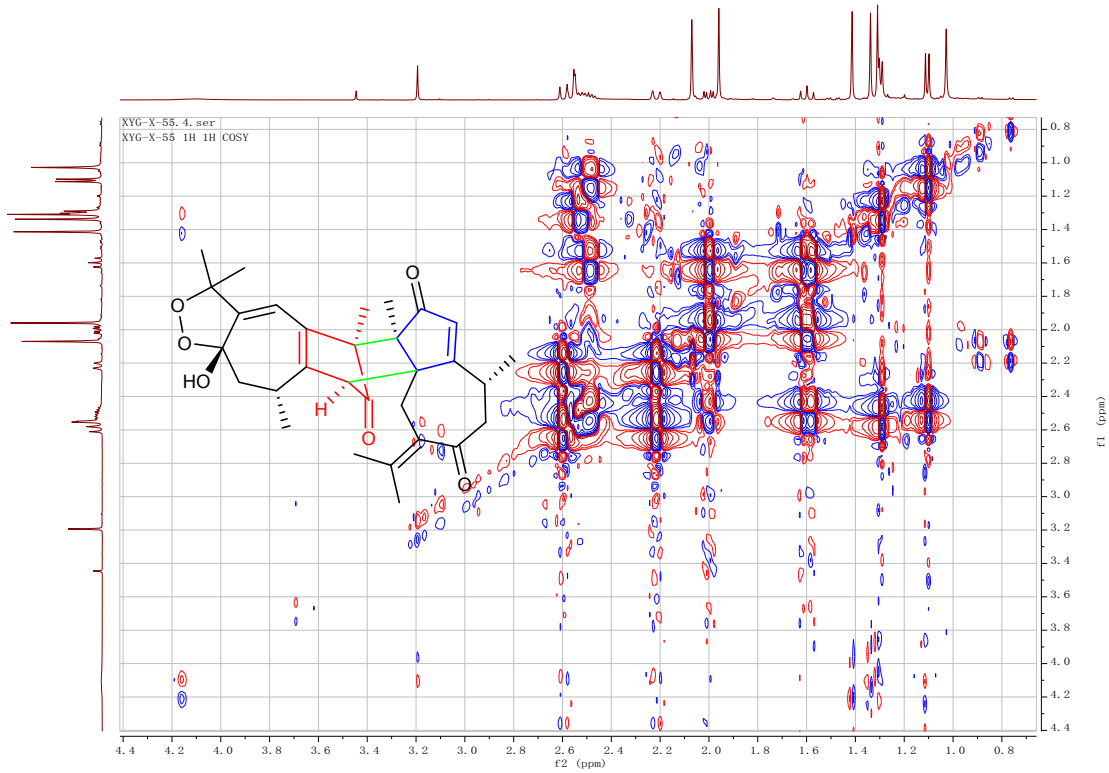

Fig. S20 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **3**

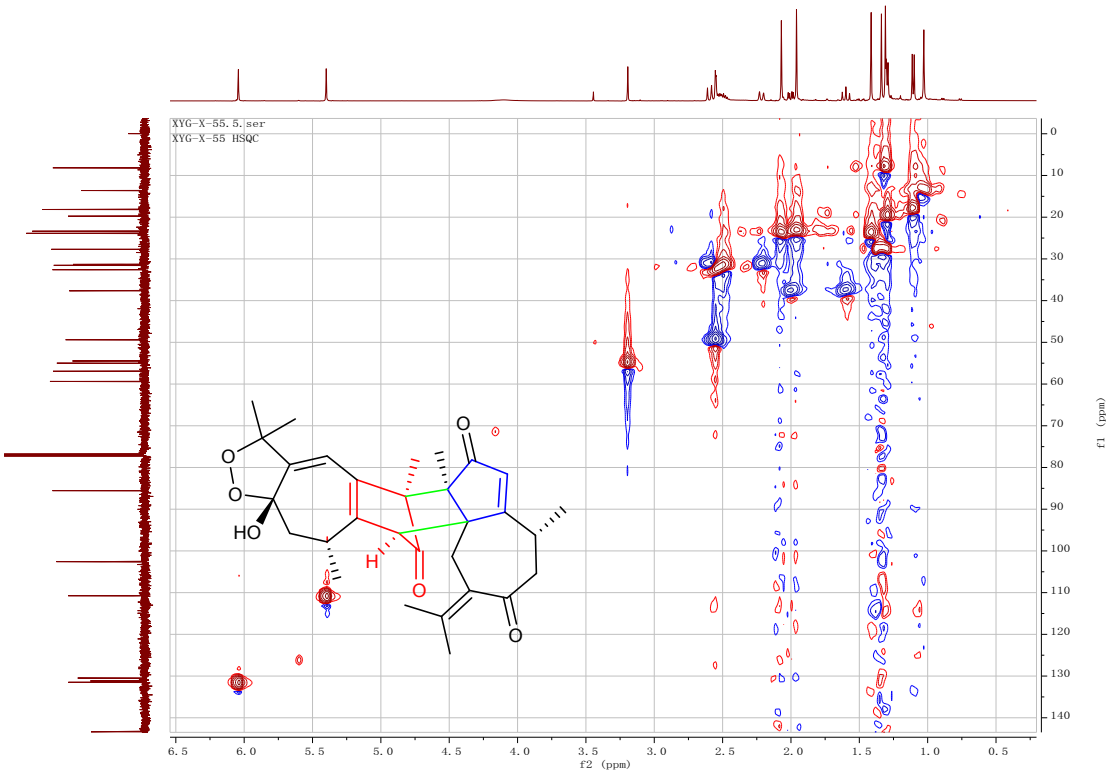

Fig. S21 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **3**

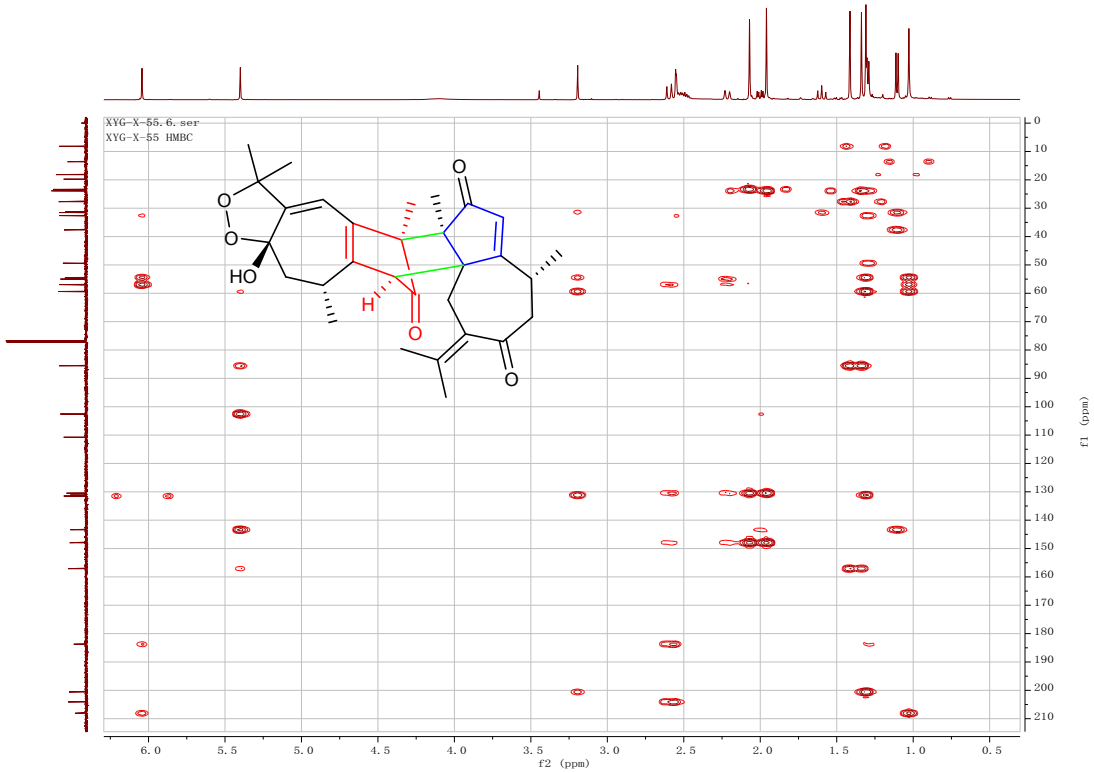

Fig. S22 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **3**

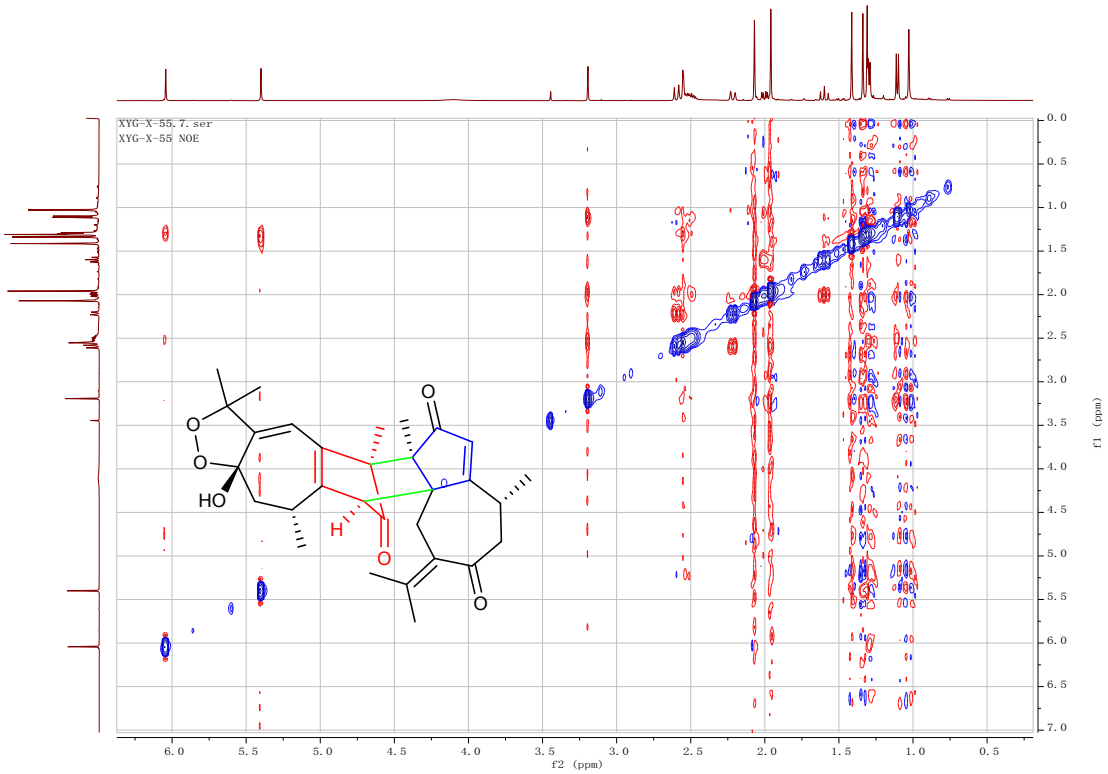

Fig. S23 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **3**

Fig. S24 HR-ESI-MS spectrum of compound **3**

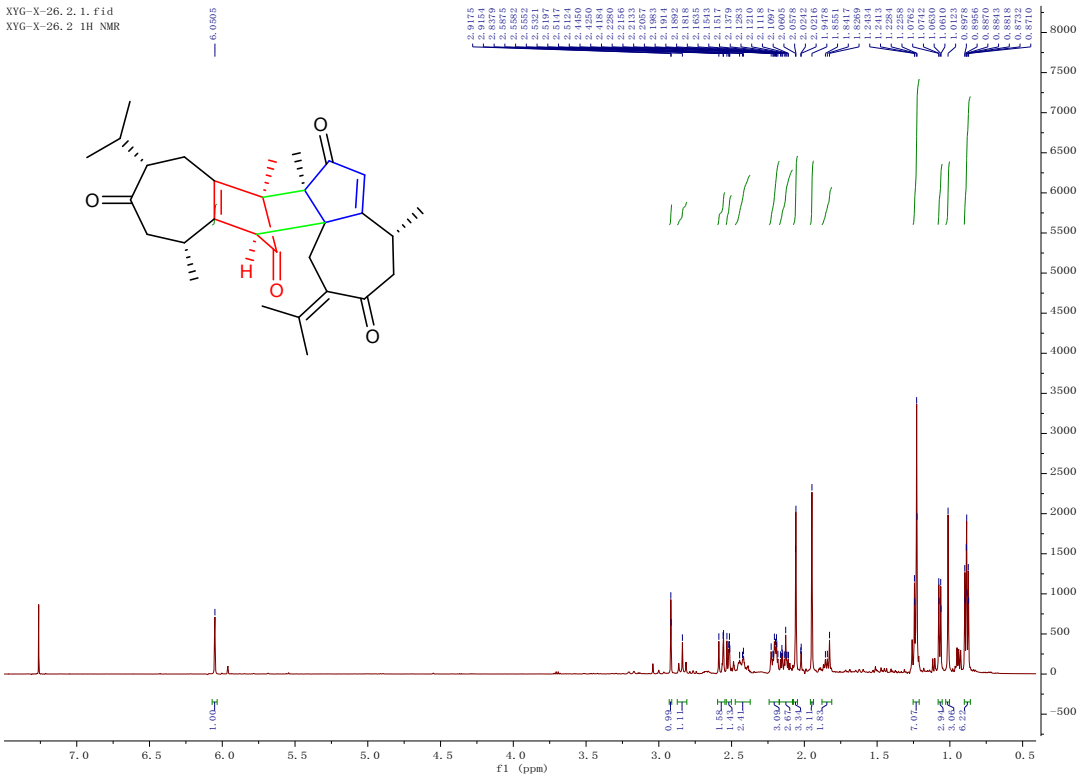

Fig. S25 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **4**

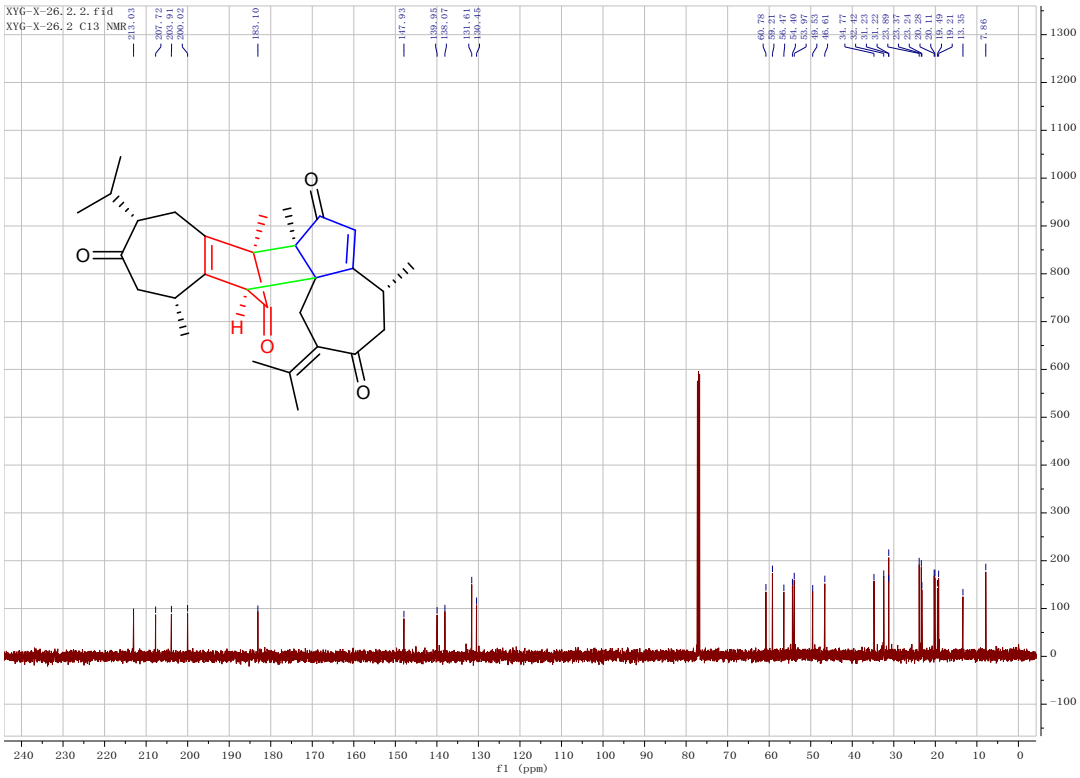

Fig. S26 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **4**

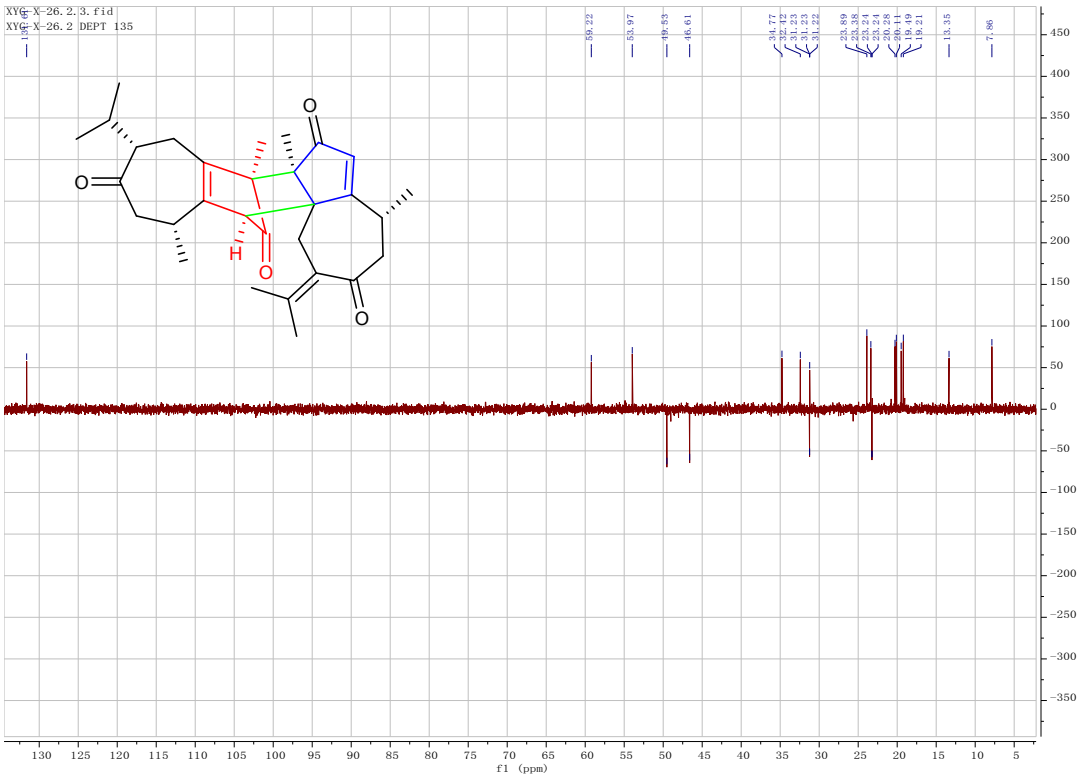

Fig. S27 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **4**

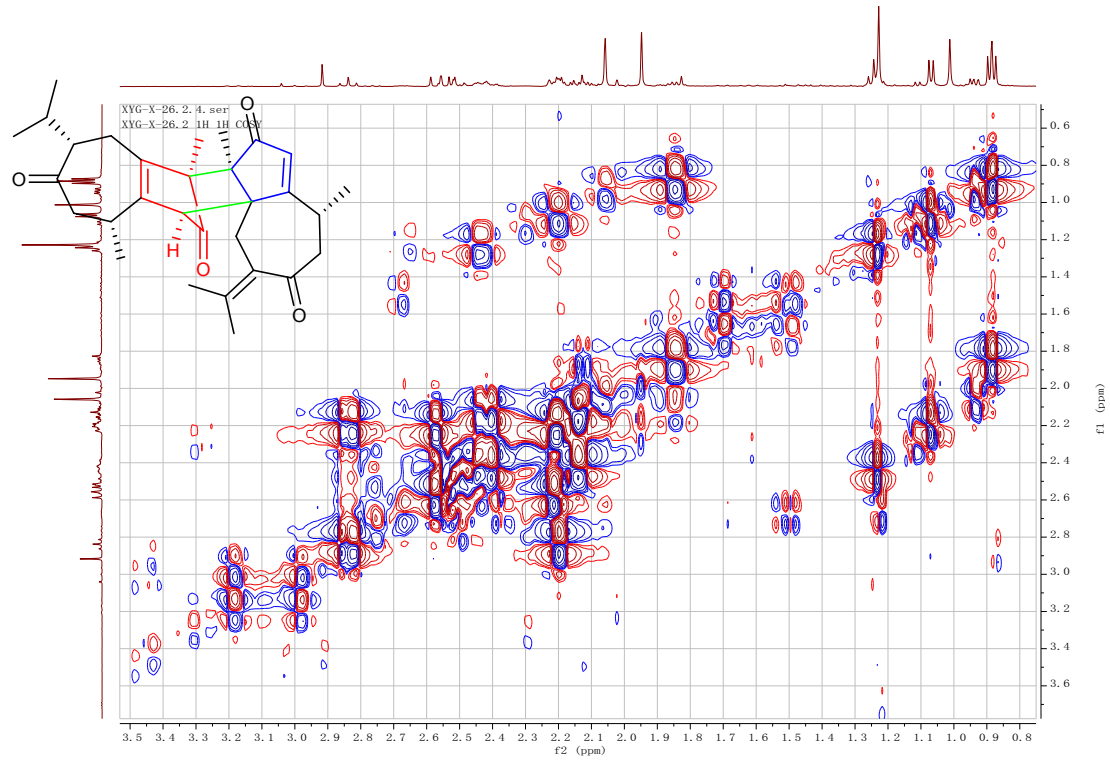

Fig. S28 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **4**

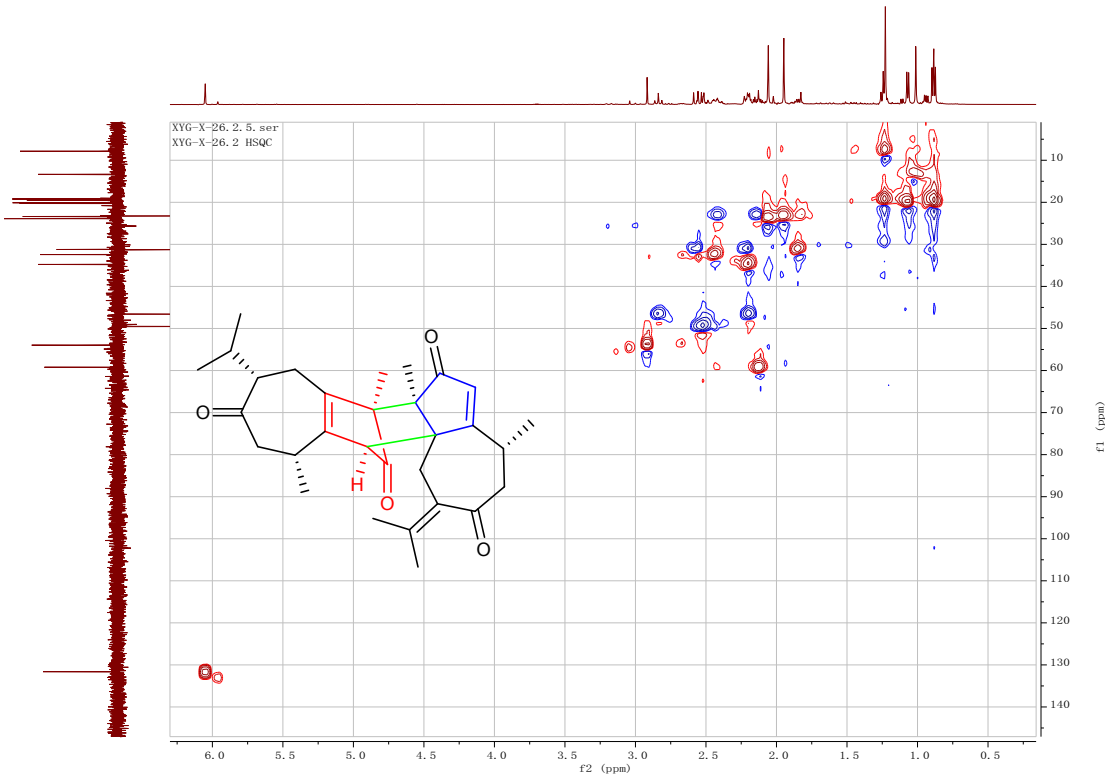

Fig. S29 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **4**

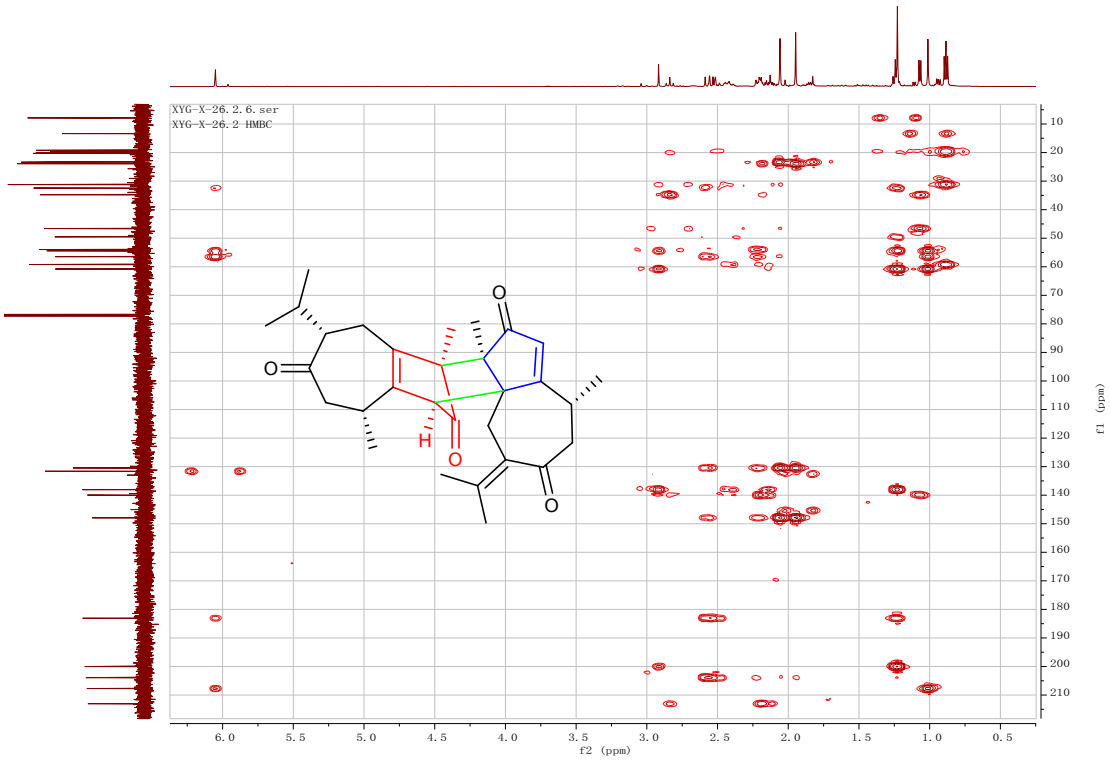

Fig. S30 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **4**

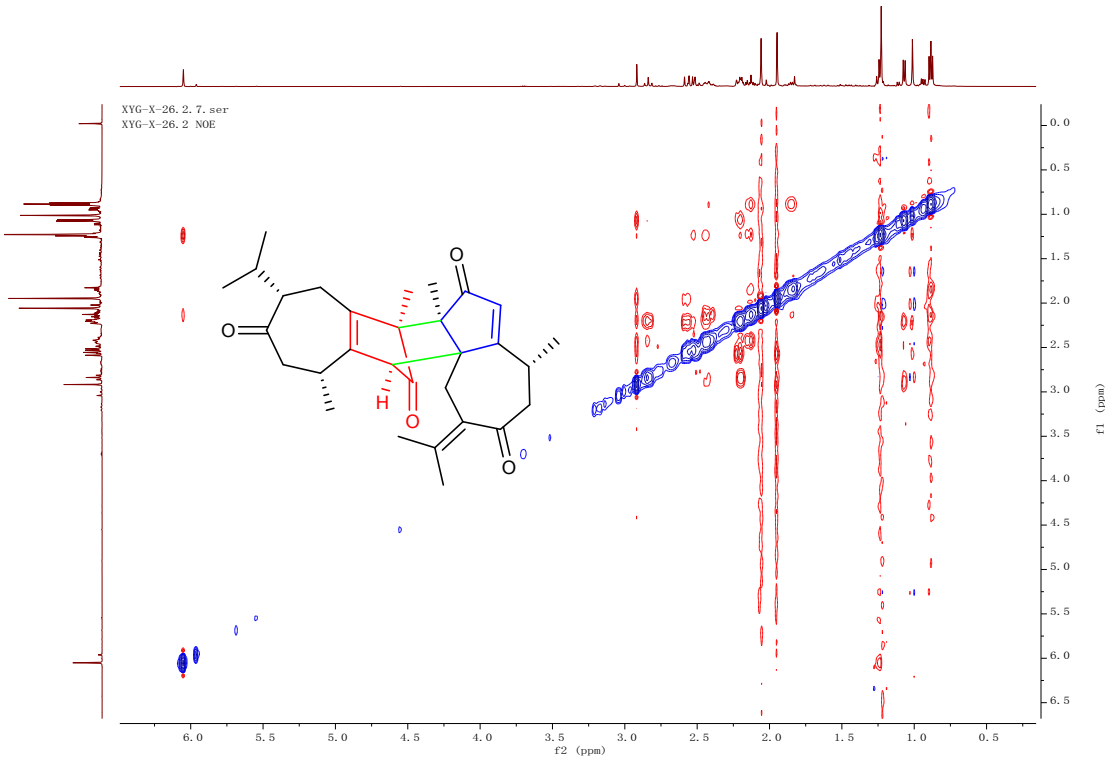

Fig. S31 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **4**

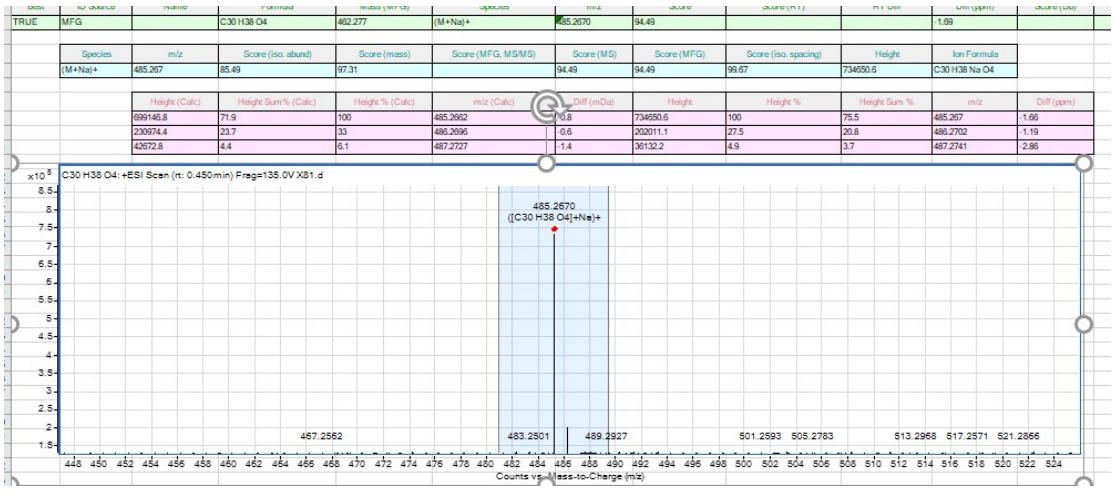

Fig. S32 HR-ESI-MS spectrum of compound **4**

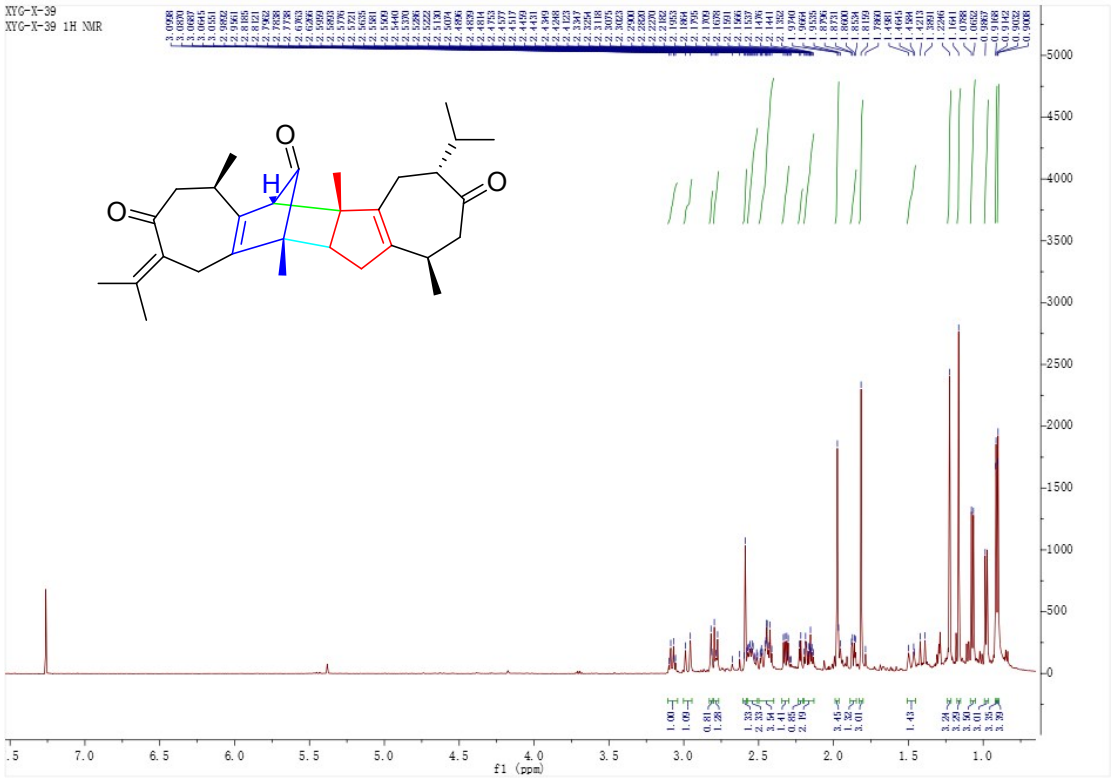

Fig. S33 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **5**

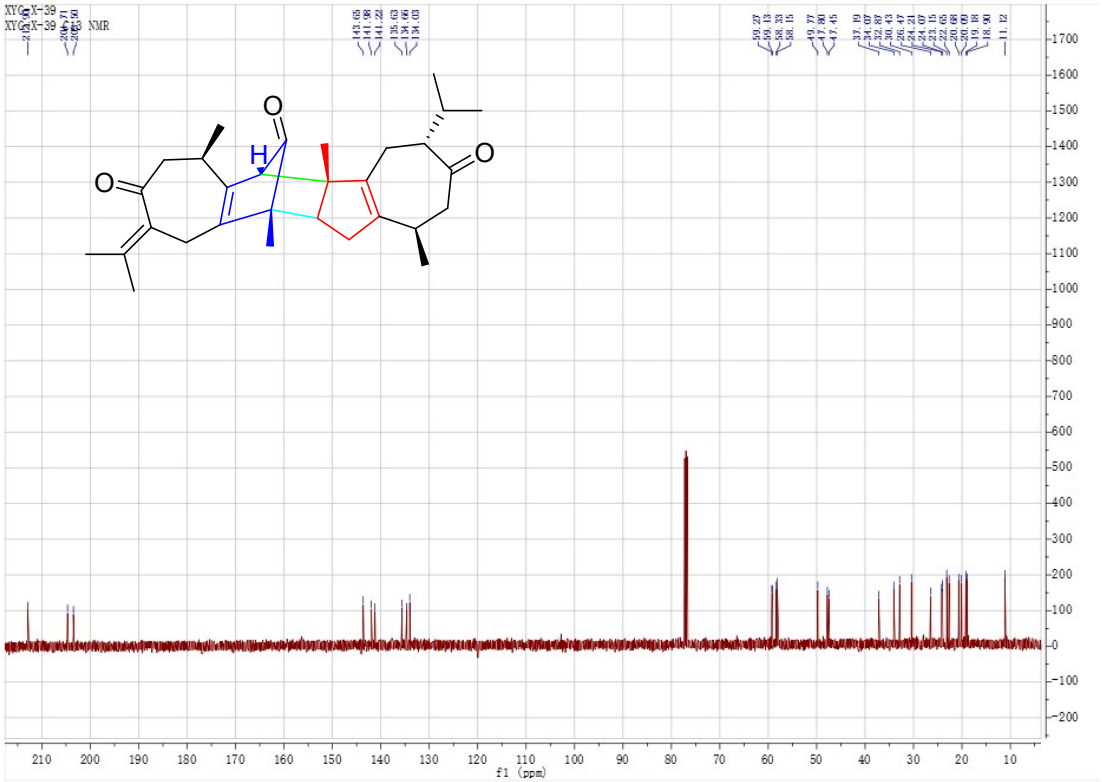

Fig. S34 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **5**

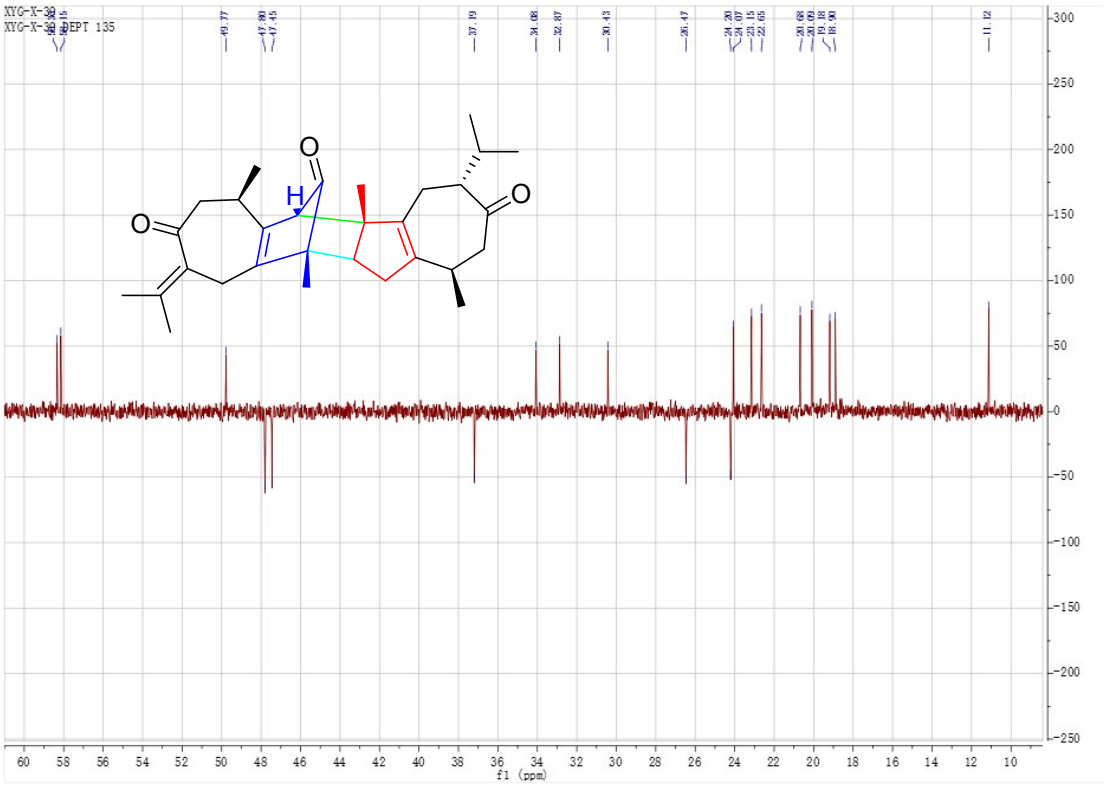

Fig. S35 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **6**

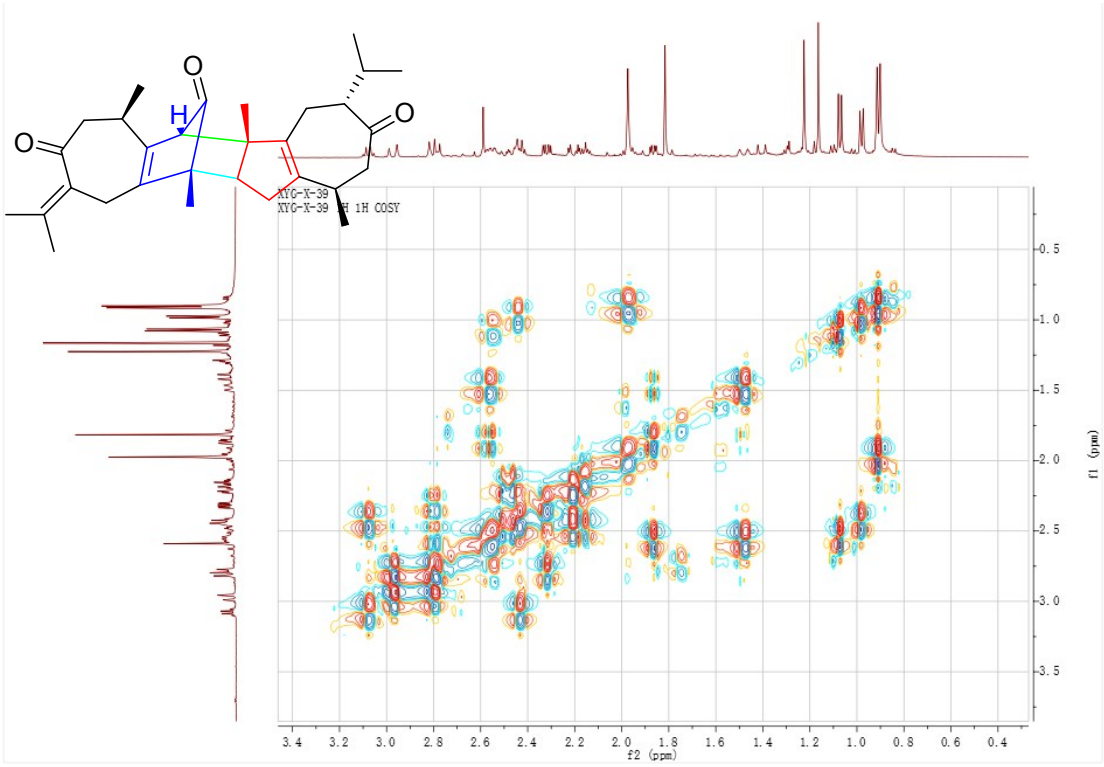

Fig. S36 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **5**

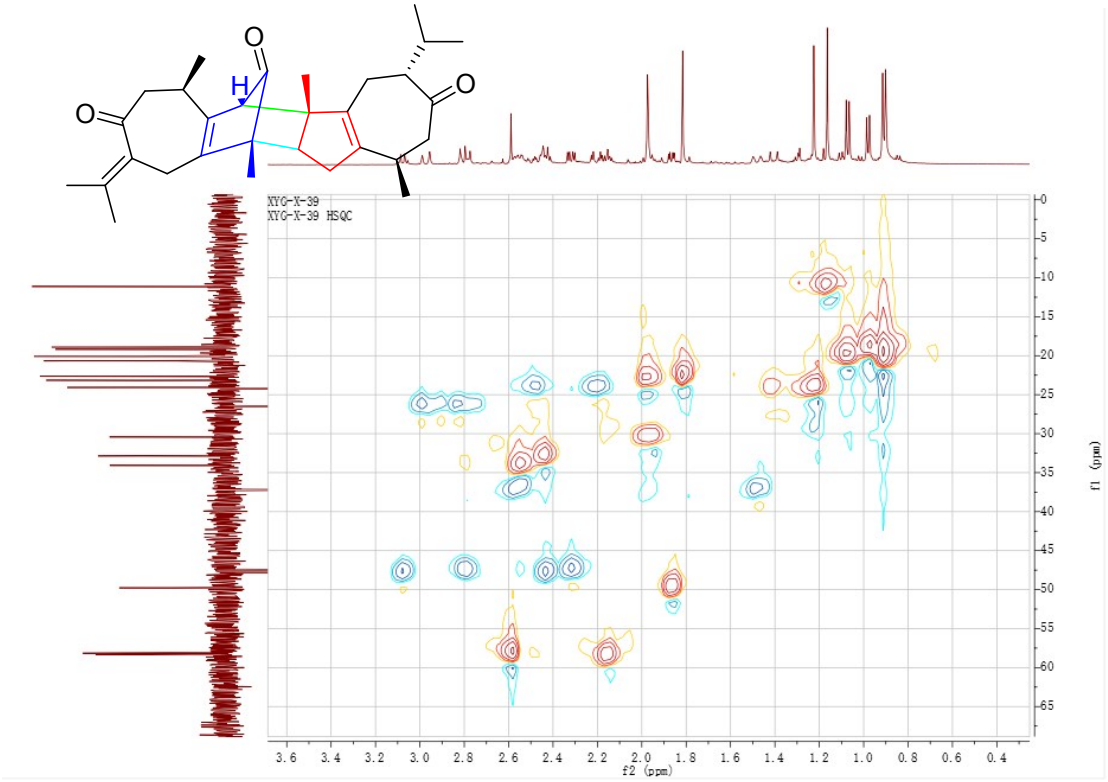

Fig. S37 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **5**

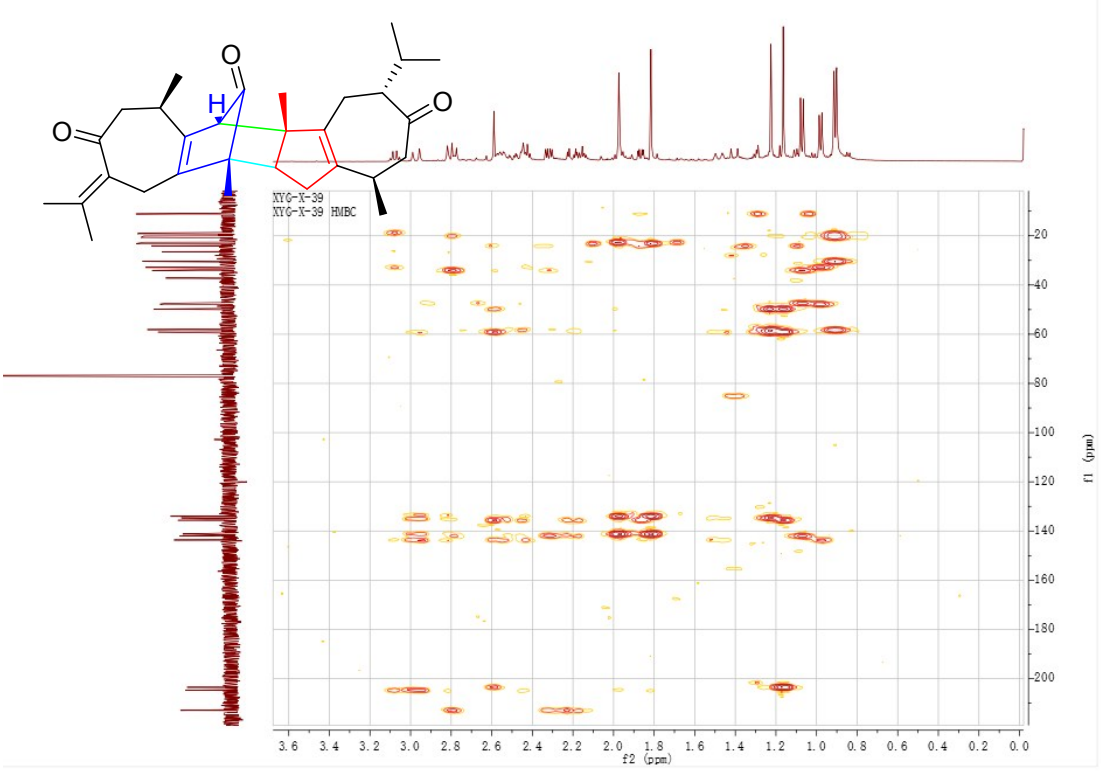

Fig. S38 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **5**

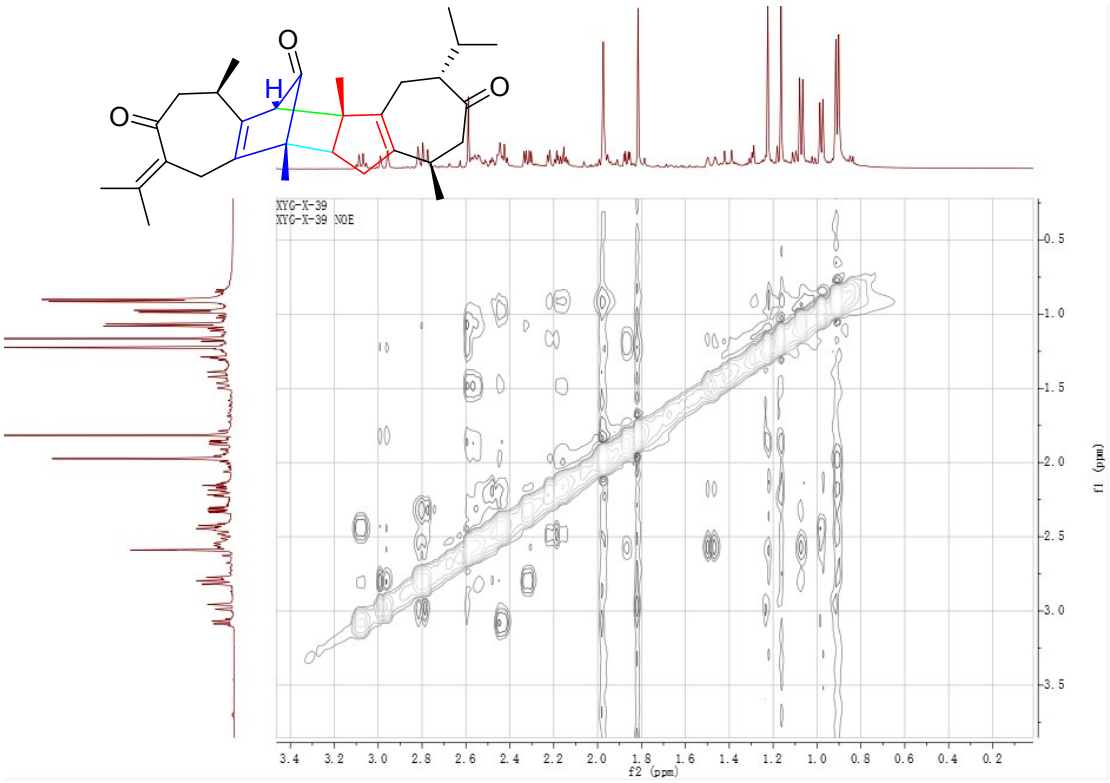

Fig. S39 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **5**

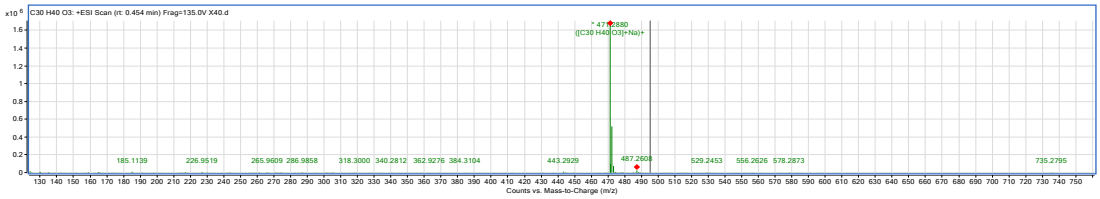

Fig. S40 HR-ESI-MS spectrum of compound **5**

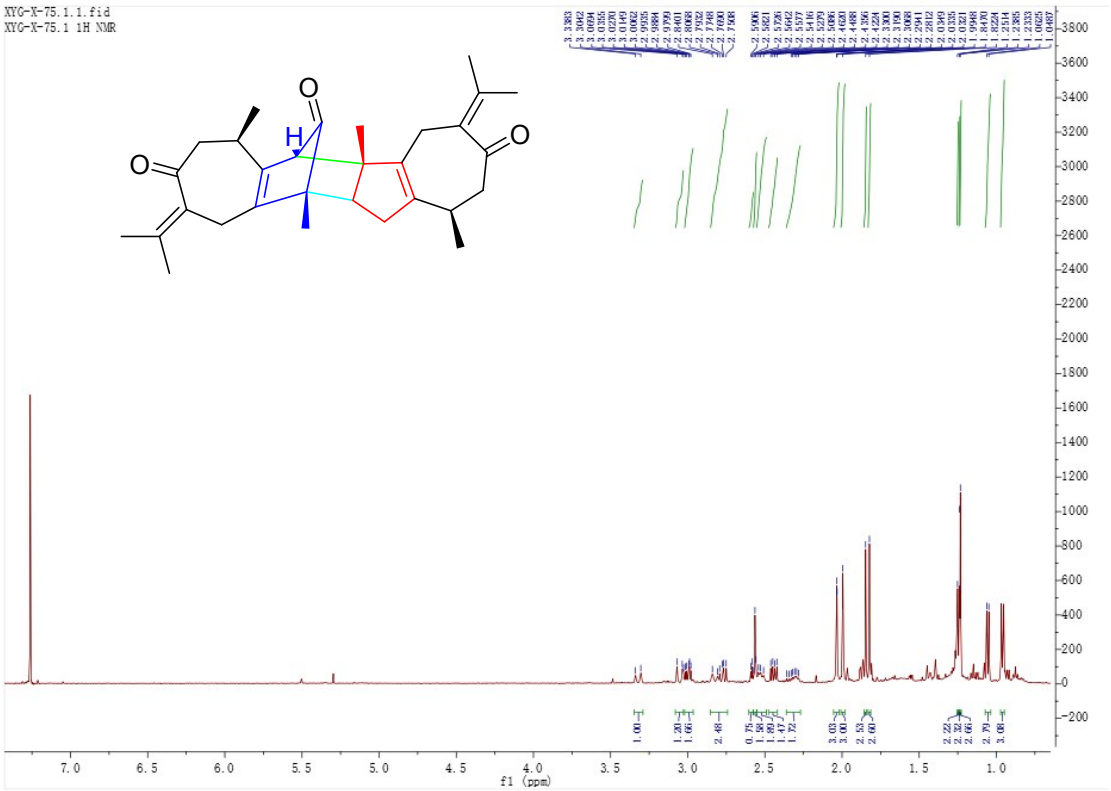

Fig. S41 ^{1}H NMR spectrum (500 MHz, Chloroform-*d*) of compound **6**

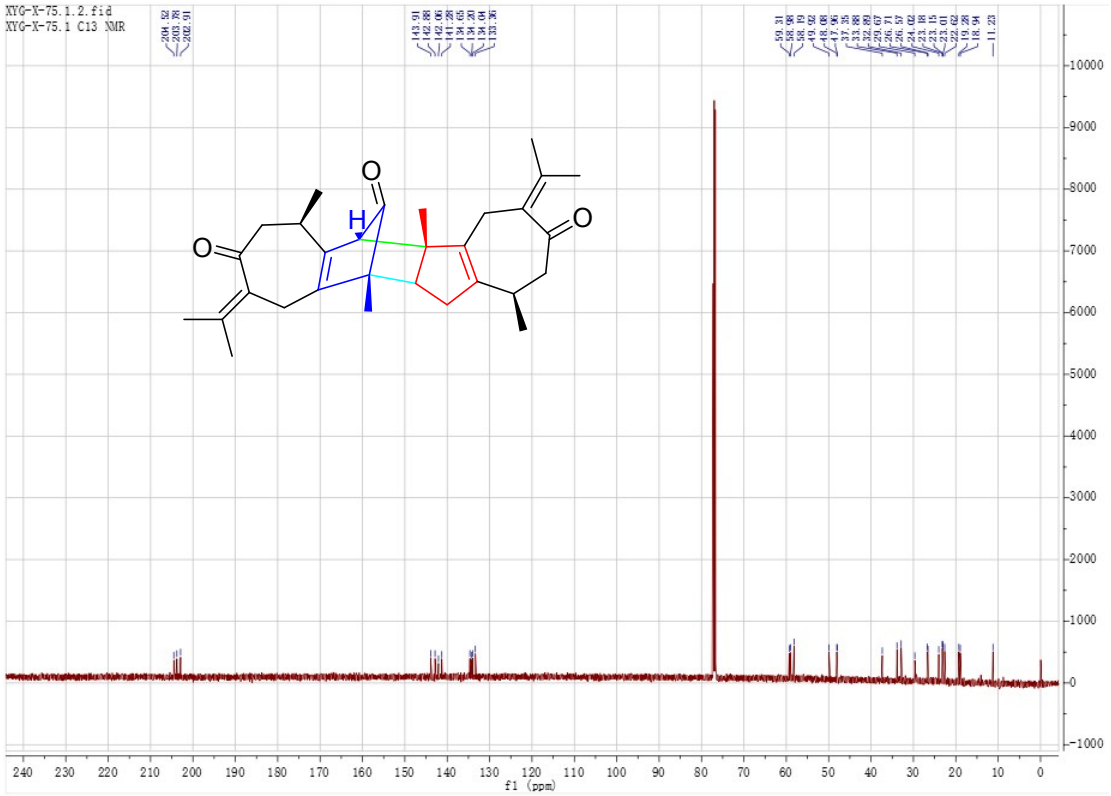

Fig. S42 ^{13}C NMR spectrum (125 MHz, Chloroform-*d*) of compound **6**

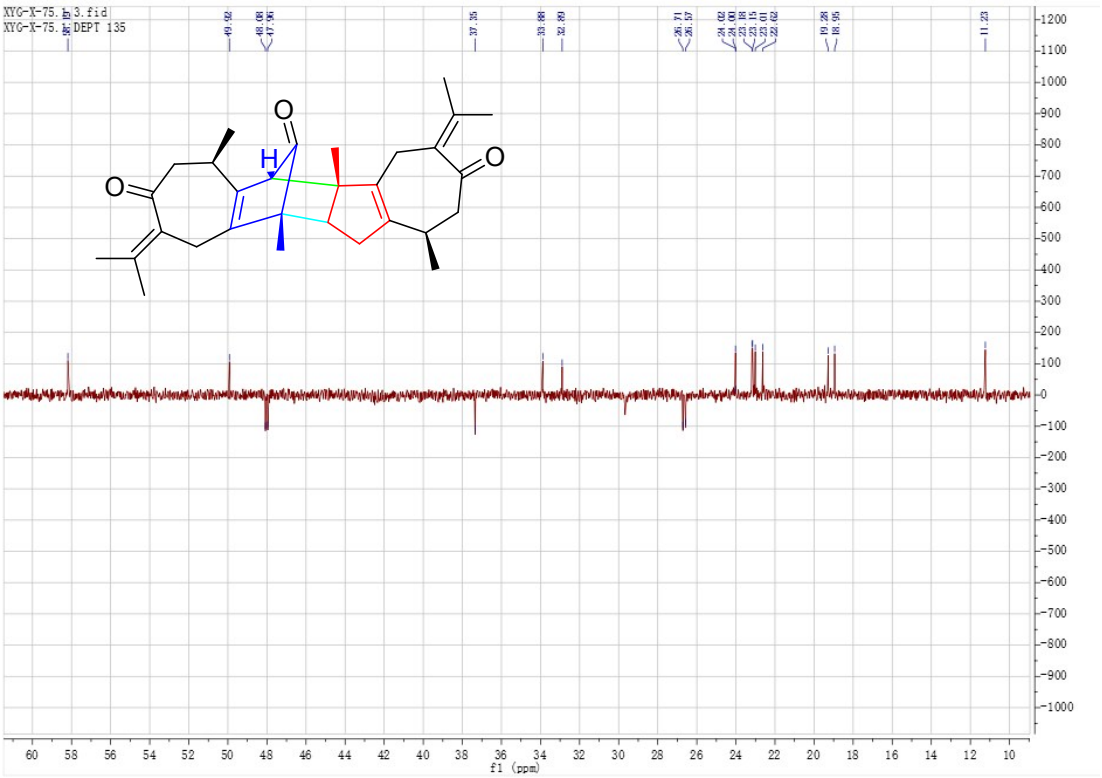

Fig. S43 DEPT spectrum (125 MHz, Chloroform-*d*) of compound **6**

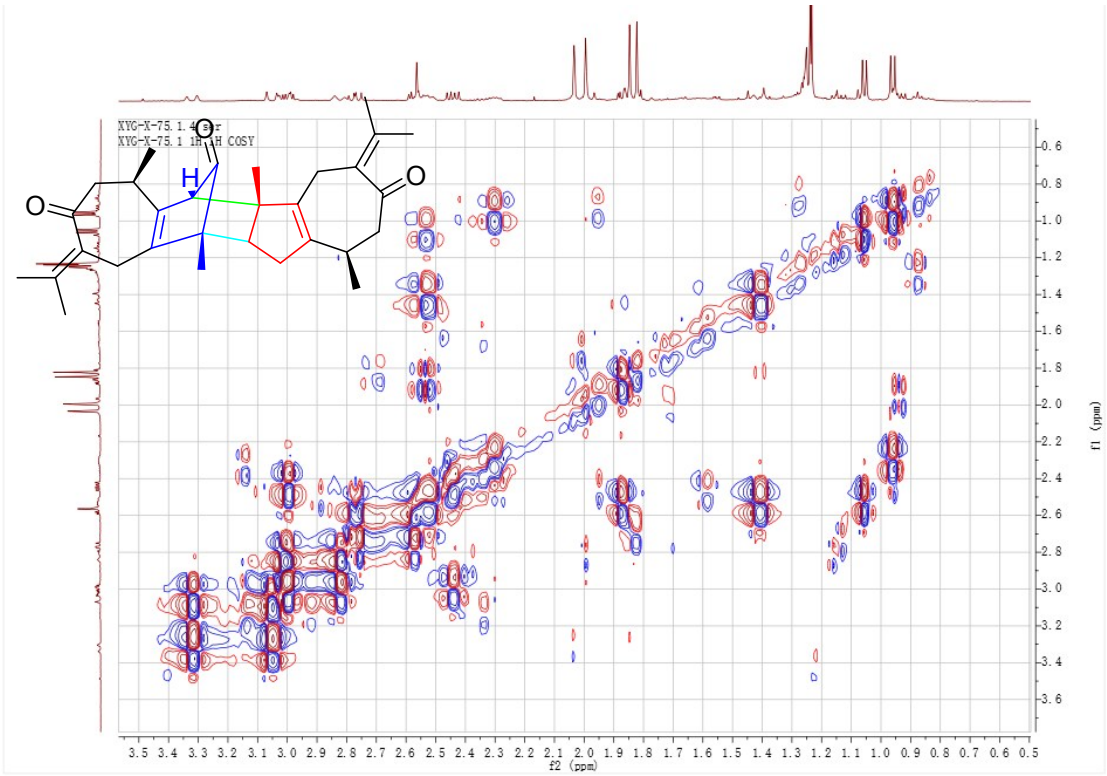

Fig. S44 ^{1}H-^{1}H COSY spectrum (500 MHz, Chloroform-*d*) of compound **6**

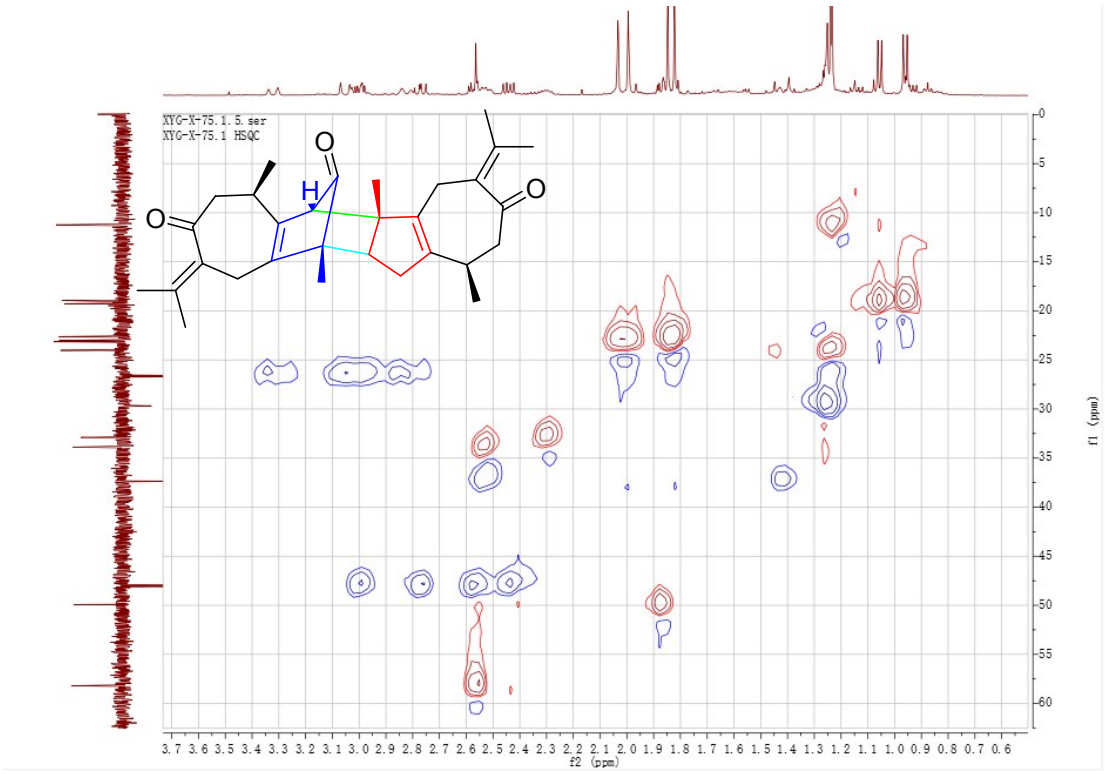

Fig. S45 HSQC spectrum (500 MHz, Chloroform-*d*) of compound **6**

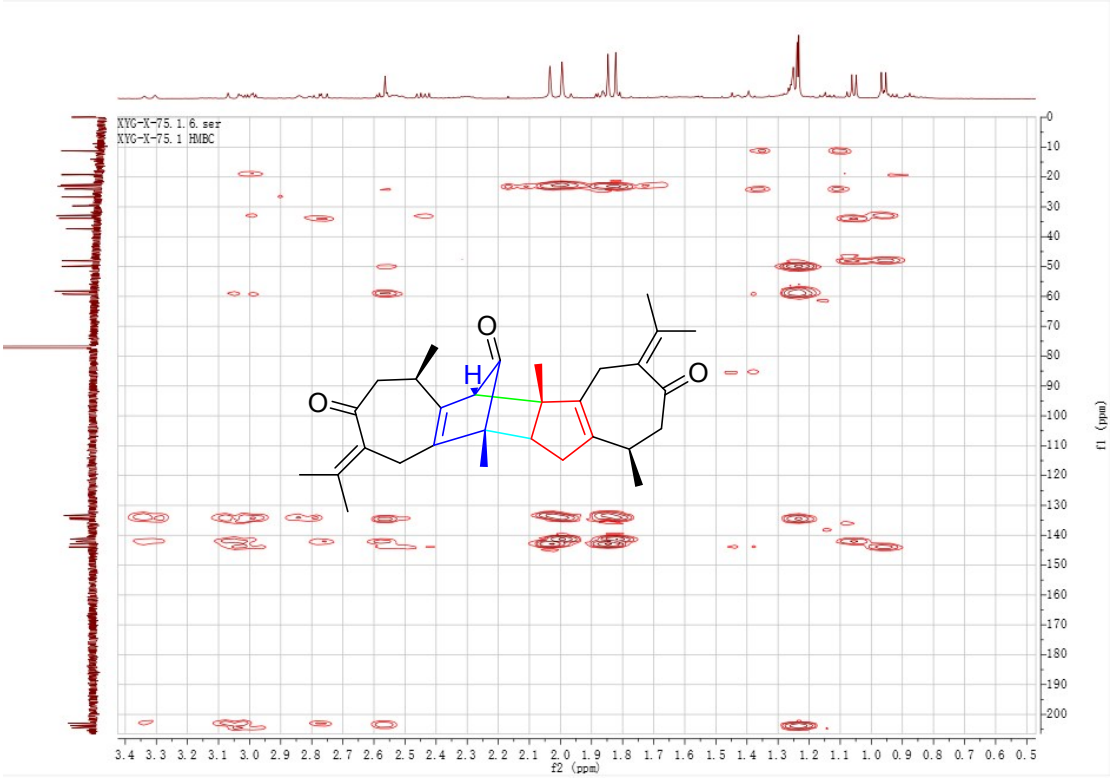

Fig. S46 HMBC spectrum (500 MHz, Chloroform-*d*) of compound **6**

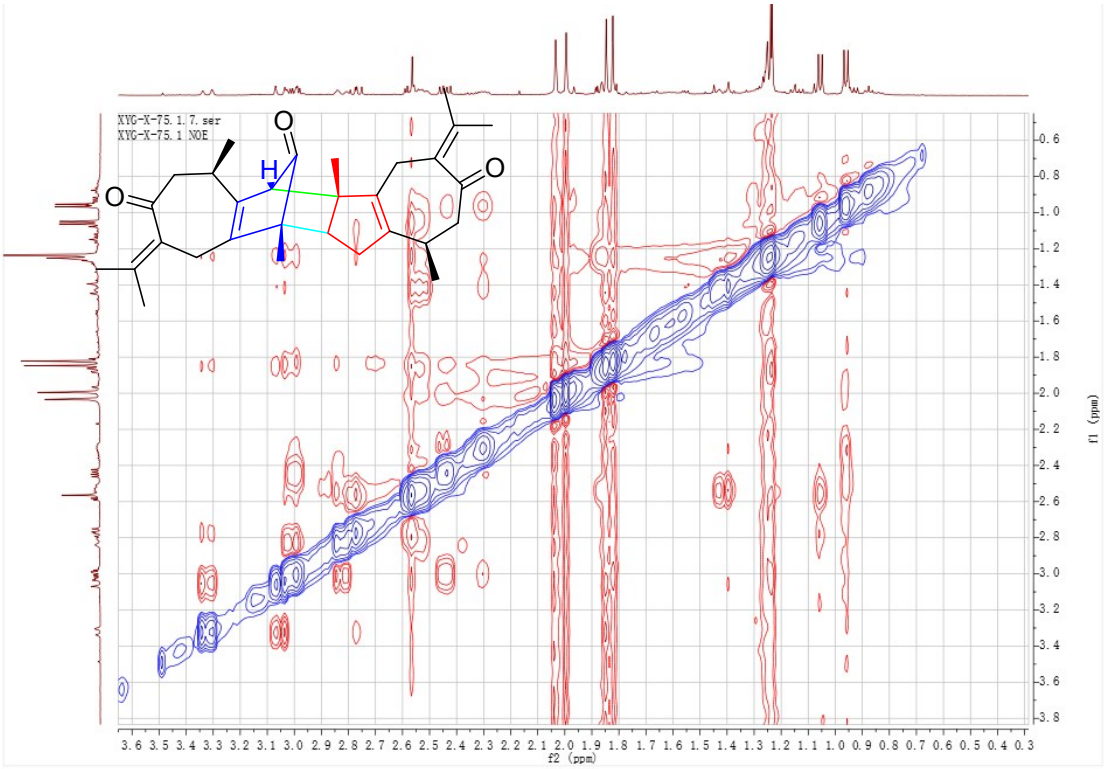

Fig. S47 NOESY spectrum (500 MHz, Chloroform-*d*) of compound **6**

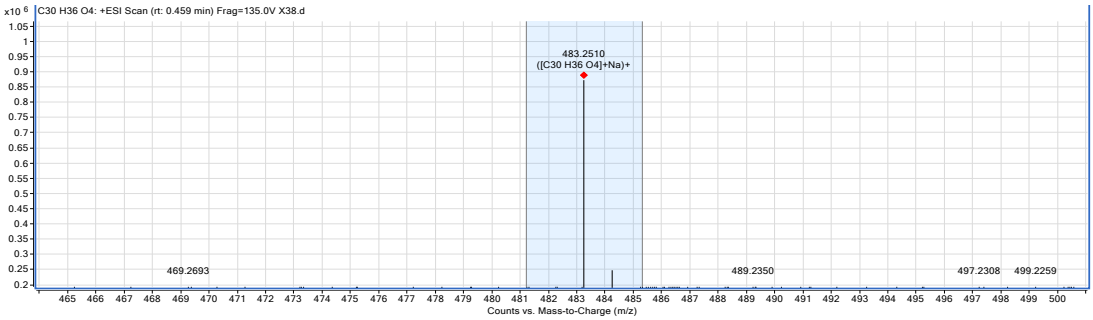

Fig. S48 HR-ESI-MS spectrum of compound **6**

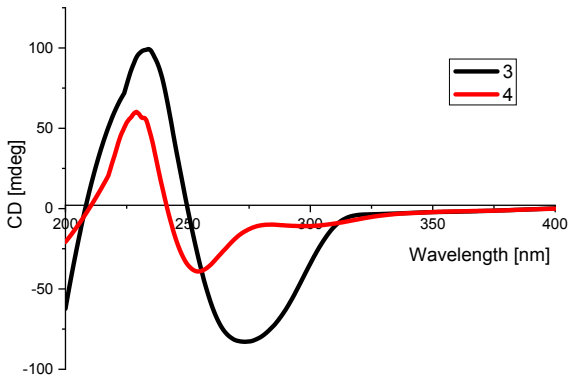

Fig. S49 CD spectrum of compounds **3** and **4**

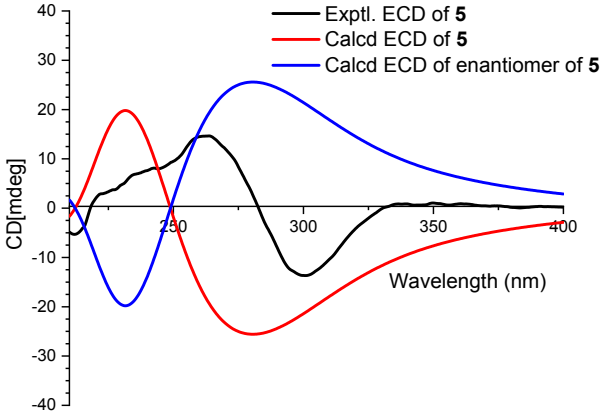

Fig. S50 CD spectrum of compound of **5**

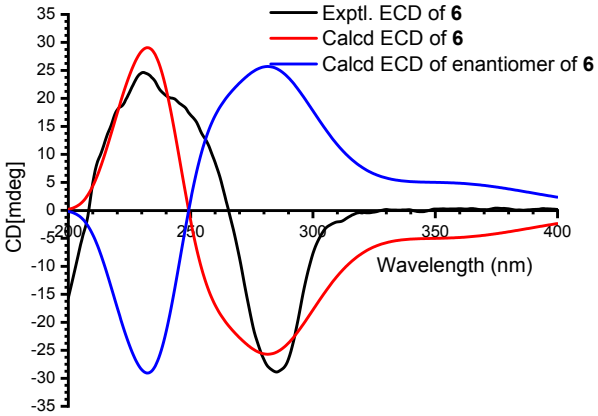

Fig. S51 CD spectrum of compound **6**

Table S1 6BIO rescue the eyeless phenotype assay

Group	Number of embryos					Rescue rate
	No eyes	One eye	Two eyes	Died	Total	
DMSO	0	0	10	0	10	100%
6BIO (1 μM)	9	0	0	1	10	0%
6BIO (1 μM) + compound **7** (5 μM)	6	0	0	4	10	0%
6BIO (1 μM) + compound **7** (10 μM)	8	0	0	2	10	0%
6BIO (1 μM) + compound **7** (20 μM)	4	0	4	2	10	40%