Supporting Information

Artocarmins G–M, Prenylated 4-Chromenones from the Stems of *Artocarpus rigida* and Their Tyrosinase Inhibitory Activities

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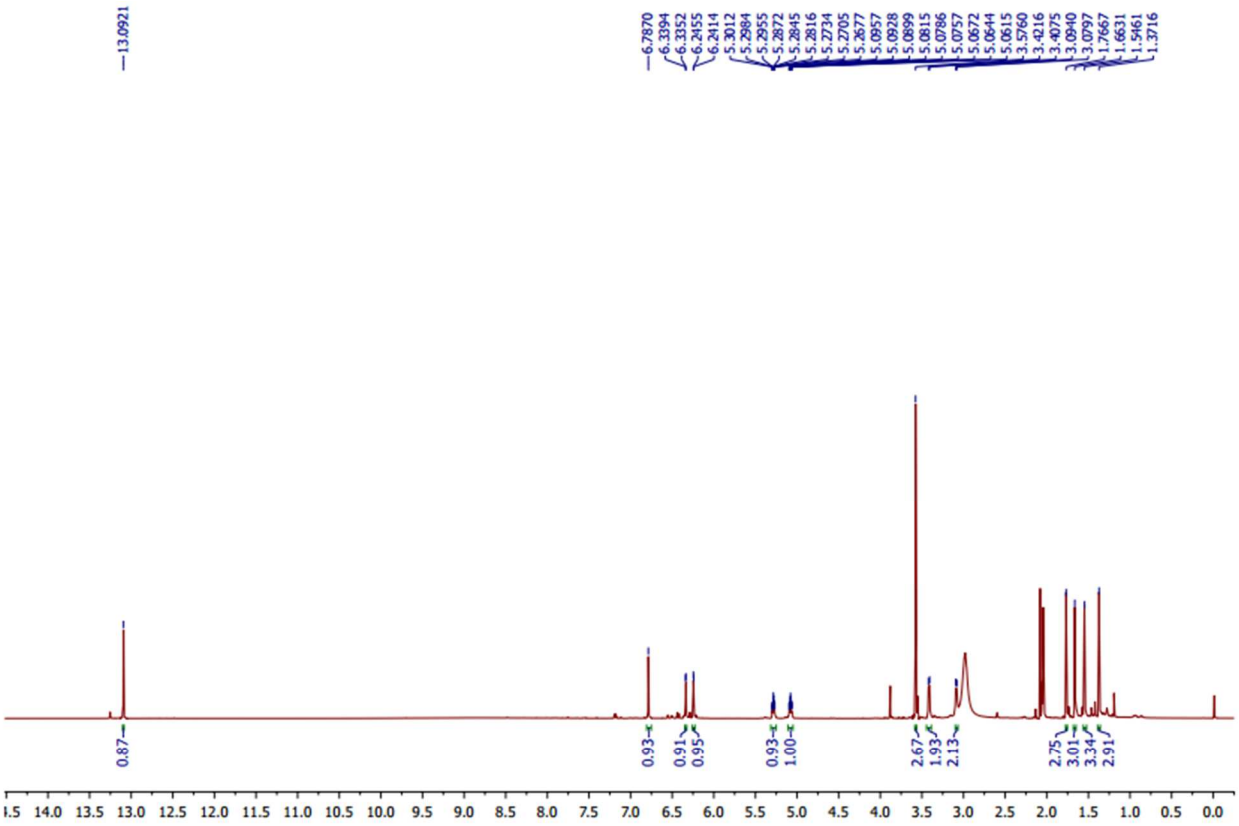

Fig. 1S ^{1}H NMR spectrum of compound **1** (CD_3COCD_3, 500 MHz)

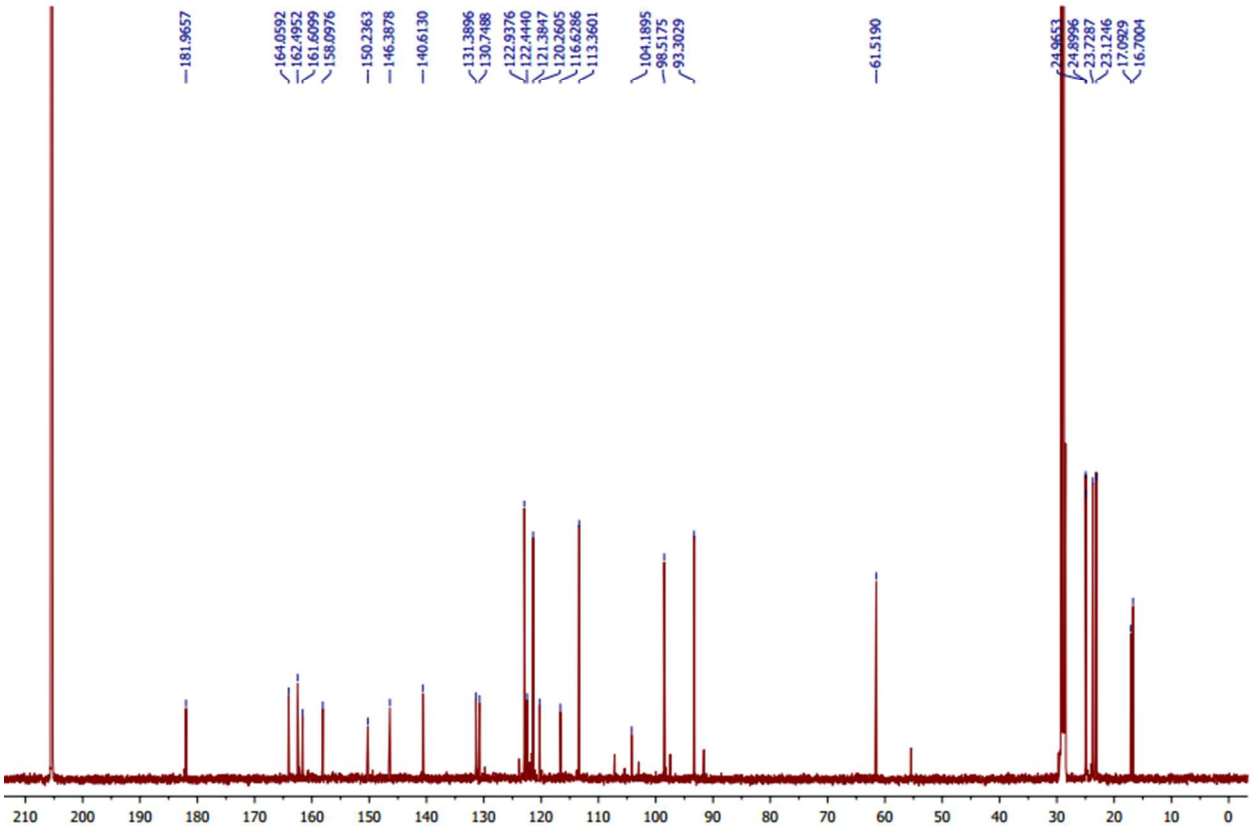

Fig. 2S ^{13}C NMR spectrum of compound **1** (CD_3COCD_3, 125 MHz)

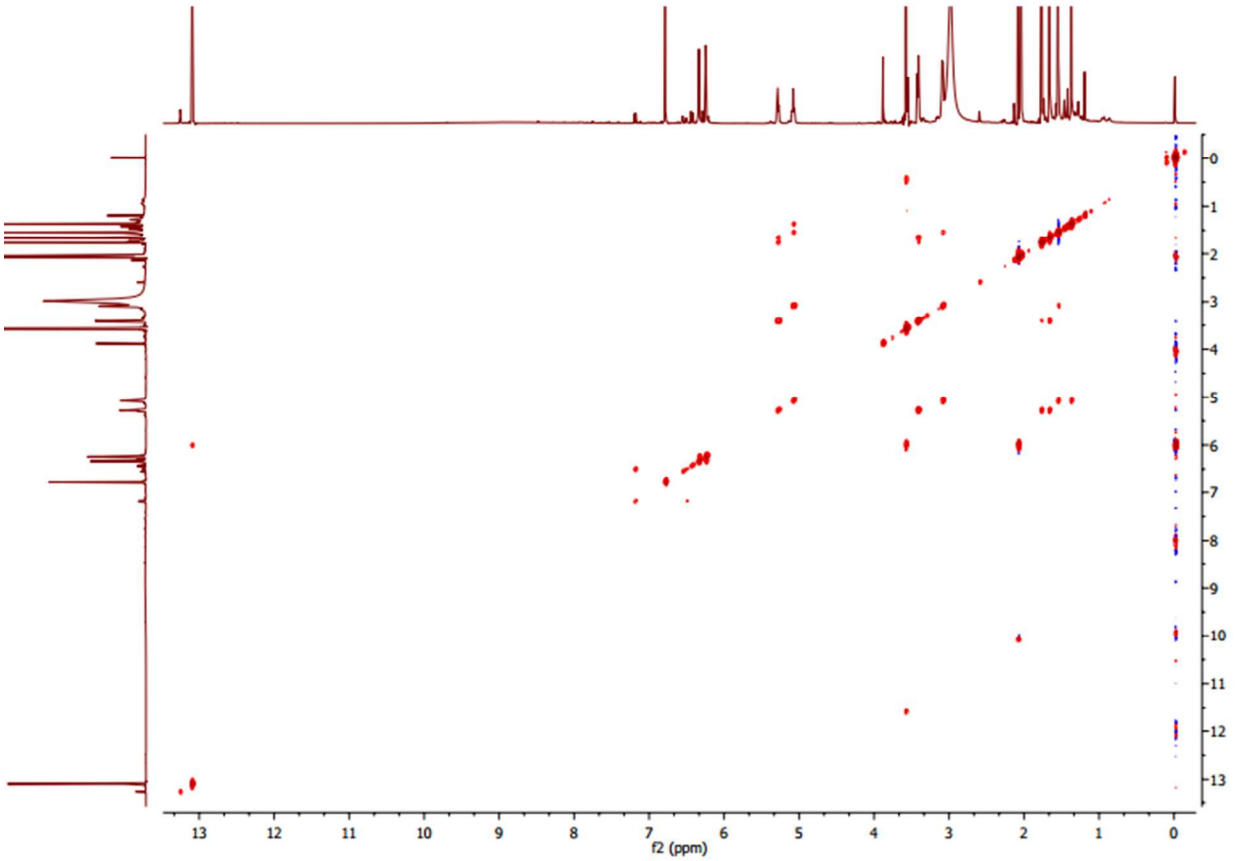

Fig. 3S COSY spectrum of compound **1** (CD_3COCD_3)

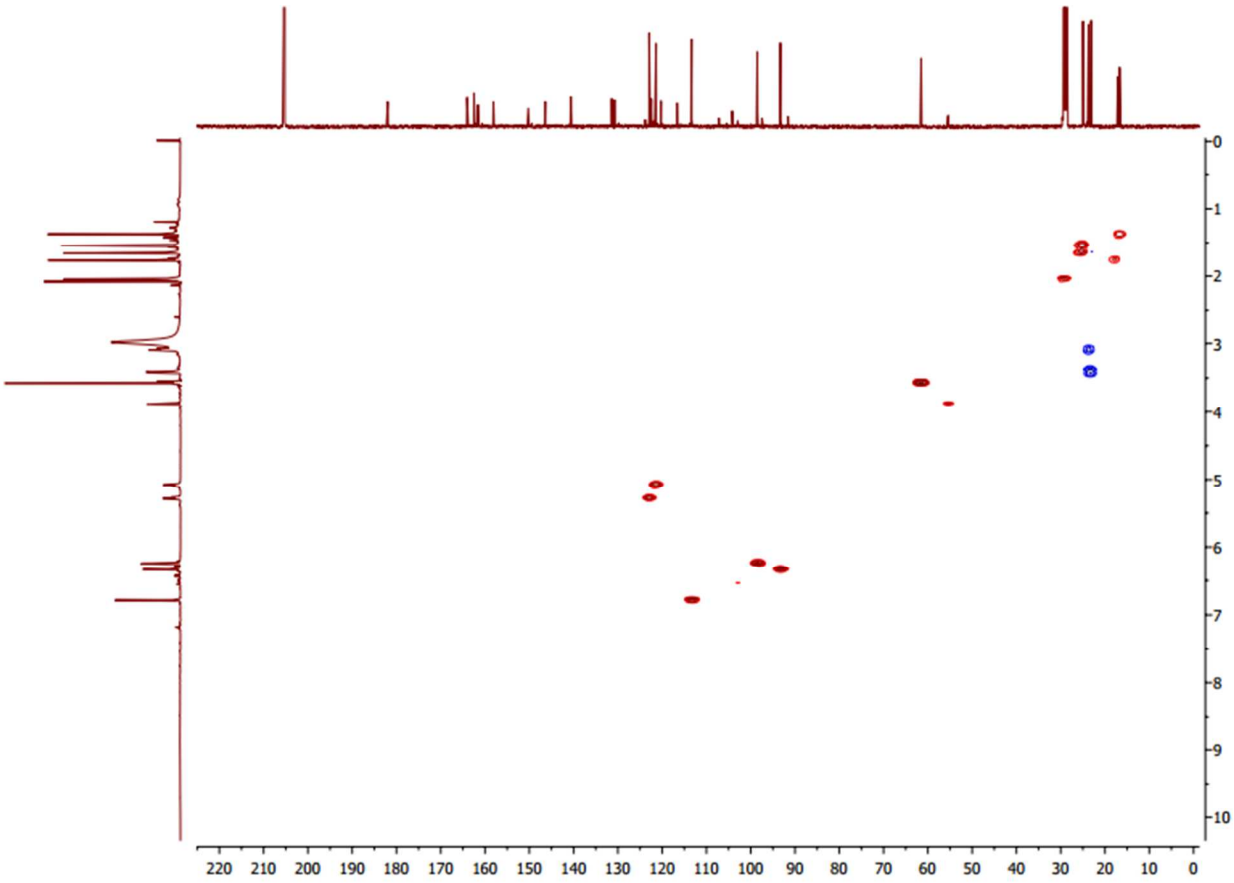

Fig. 4S HSQC spectrum of compound **1** (CD_3COCD_3)

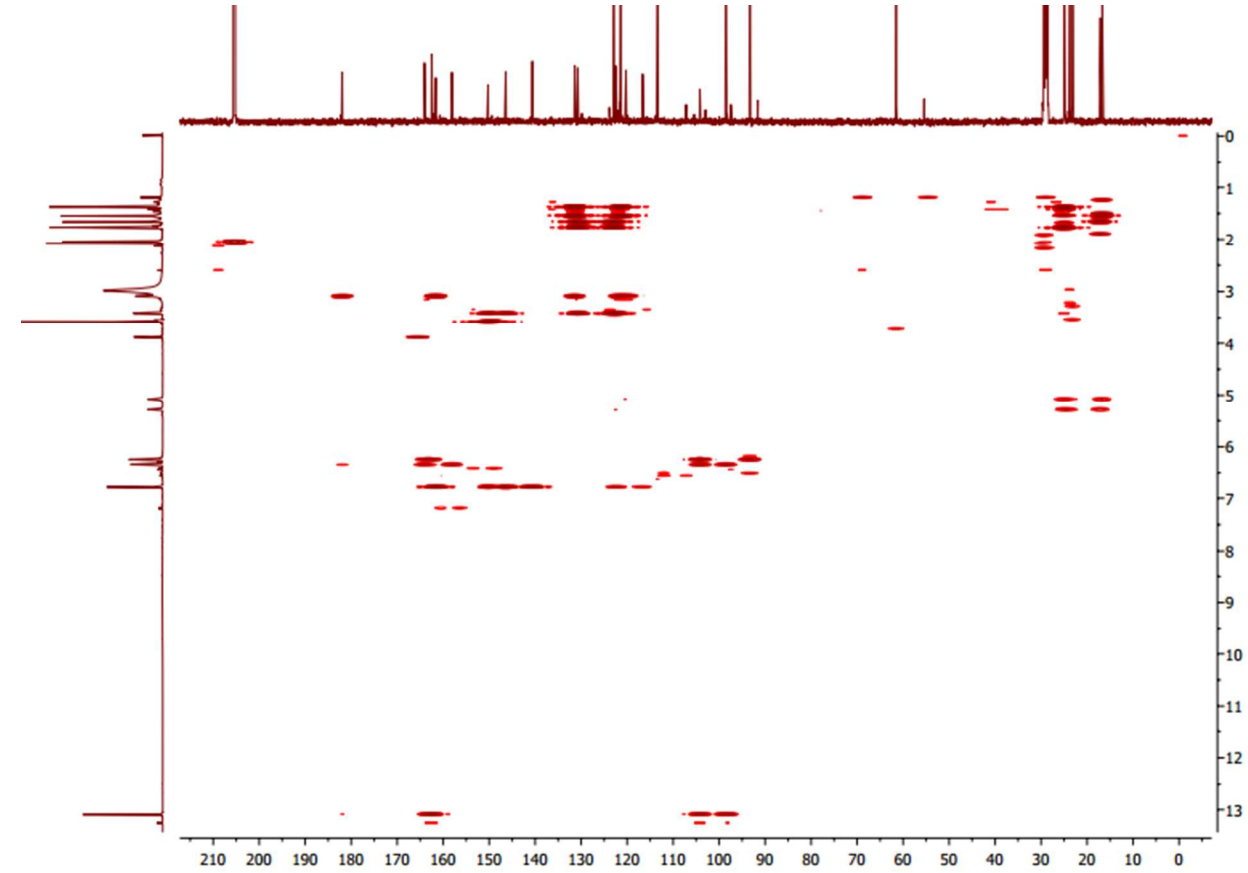

Fig. 5S HMBC spectrum of compound **1** (CD_3COCD_3)

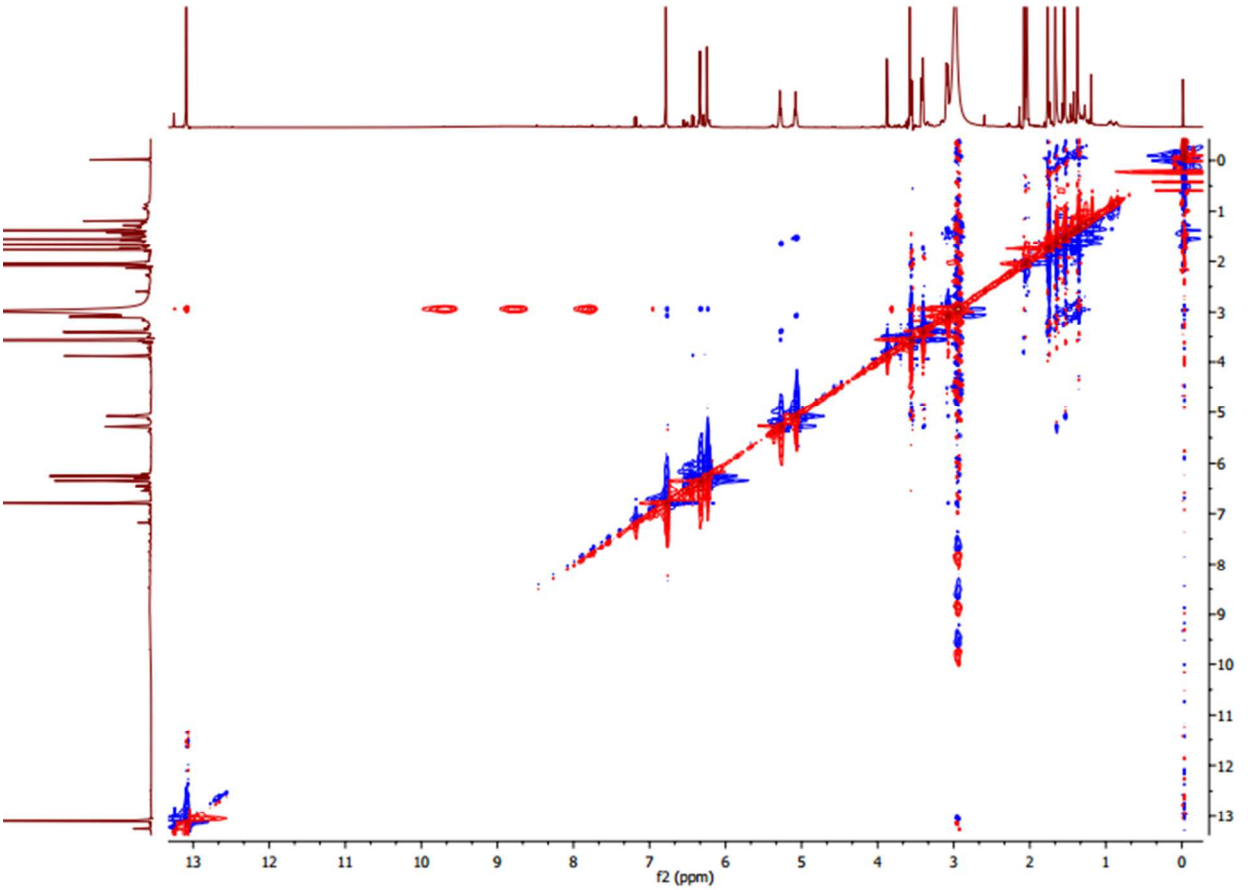

Fig. 6S NOESY spectrum of compound **1** (CD_3COCD_3)

File: ME21002 Date Run: 7-22-2016 (Time Run: 09:56:13)
Sample: - -
Instrument: AX505W
Inlet: Direct Ionization mode: FAB+

Scan: 42 R.T.: .68
Base: m/z 453; 1.3%FS TIC: 454003 #Ions: 38

Selected Isotopes : H $C_{0-26}O_{0-7}$ Error Limit : 20 mmu Unsaturation Limits : 0 to 50

Measured Mass	*% Base*	*Formula*	*Calculated Mass*	*Error*	*Unsaturation*
453.19334	100.0%	$C_{26}H_{29}O_7$	453.19133	2.0	12.5

Fig. 7S MS spectrum of compound **1**

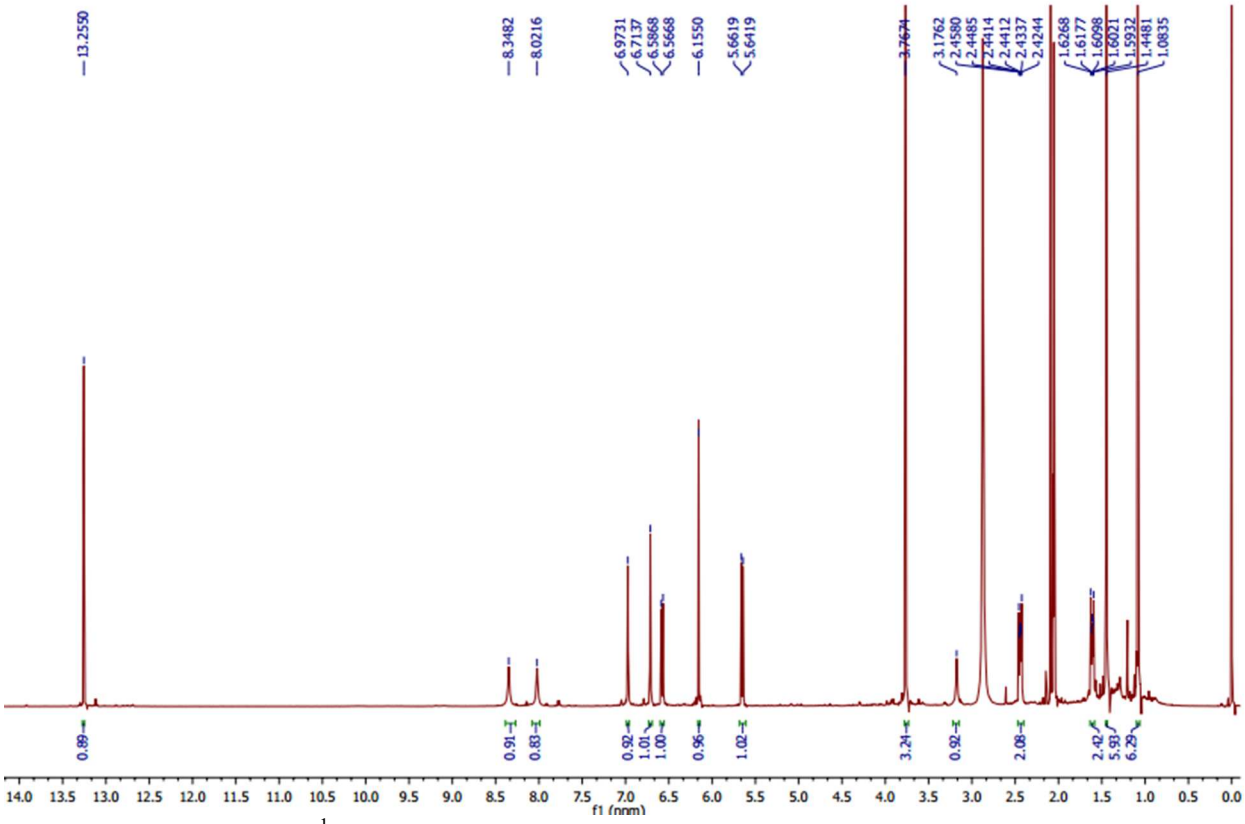

Fig. 8S ^{1}H NMR spectrum of compound **2** (CD_3COCD_3, 500 MHz)

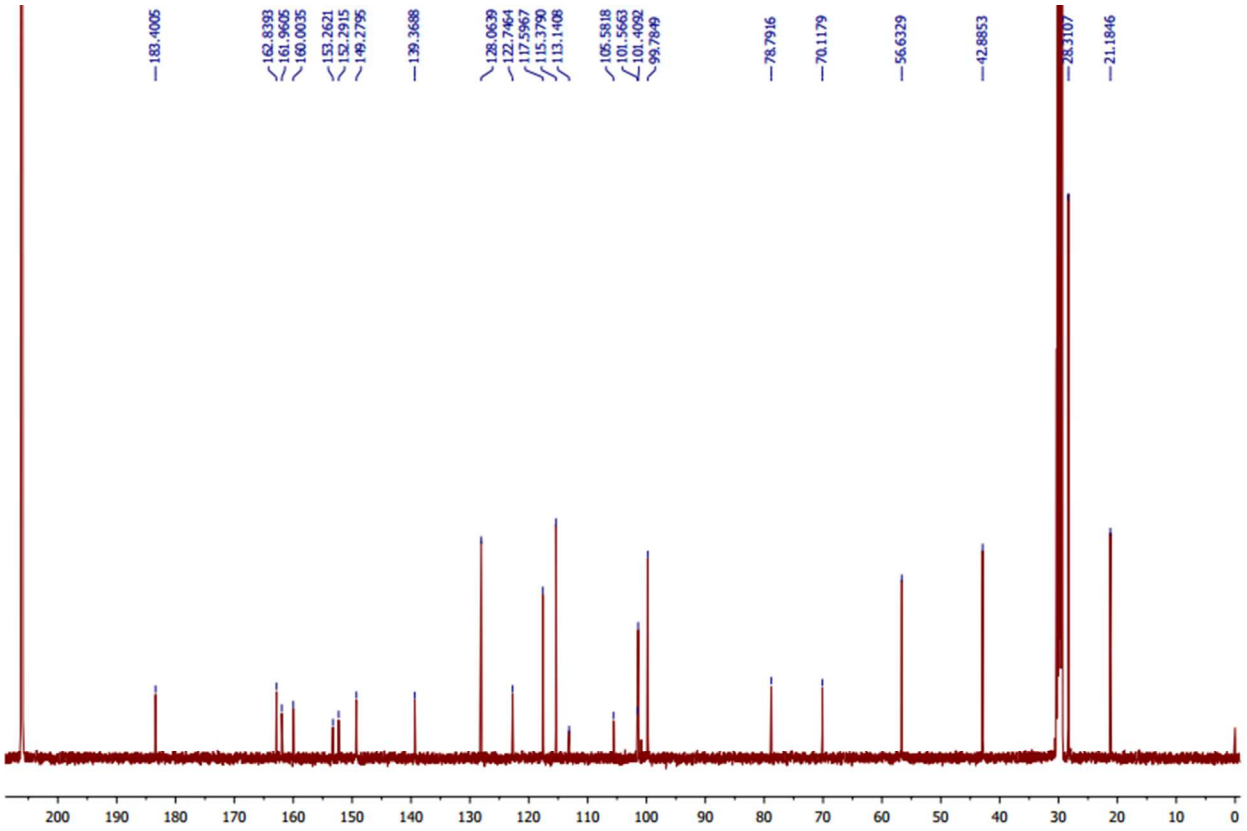

Fig. 9S ^{13}C NMR spectrum of compound **2** (CD_3COCD_3, 125 MHz)

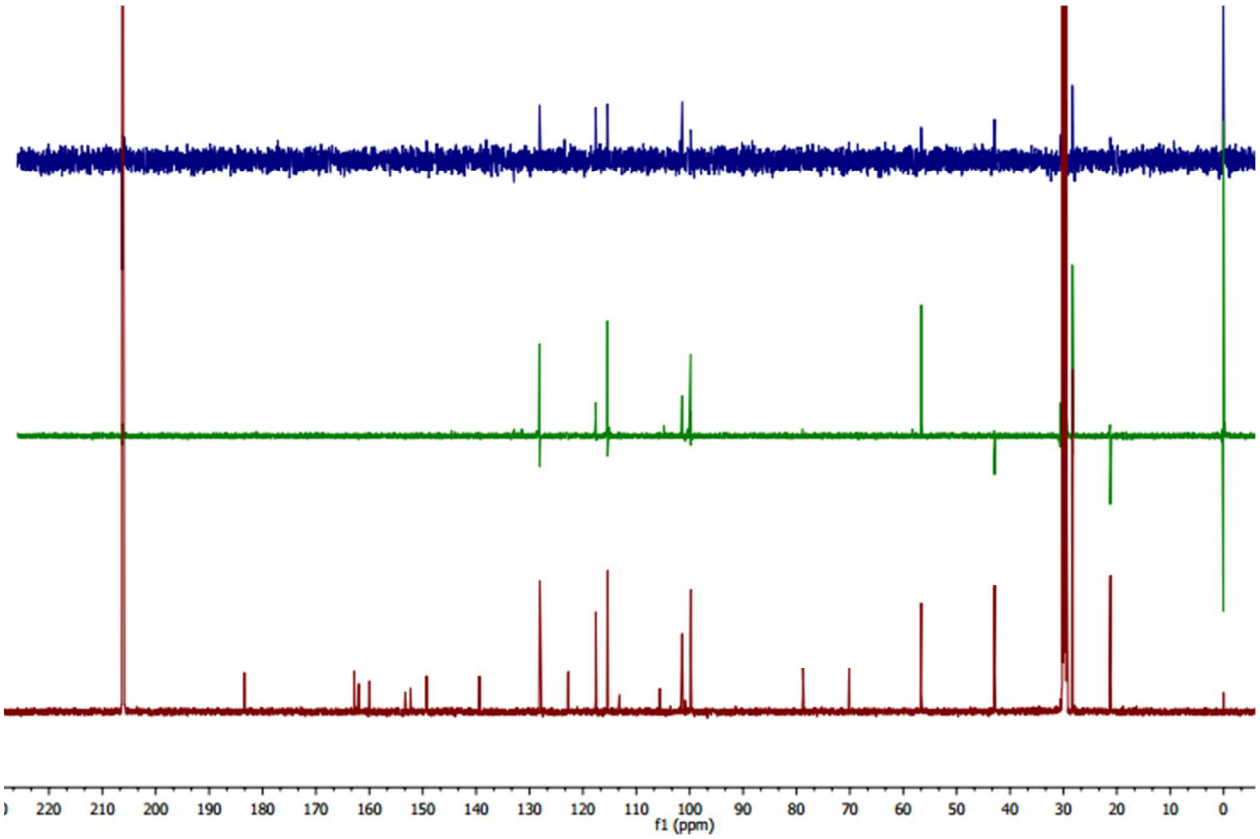

Fig. 10S DEPT spectrum of compound **2** (CD_3COCD_3)

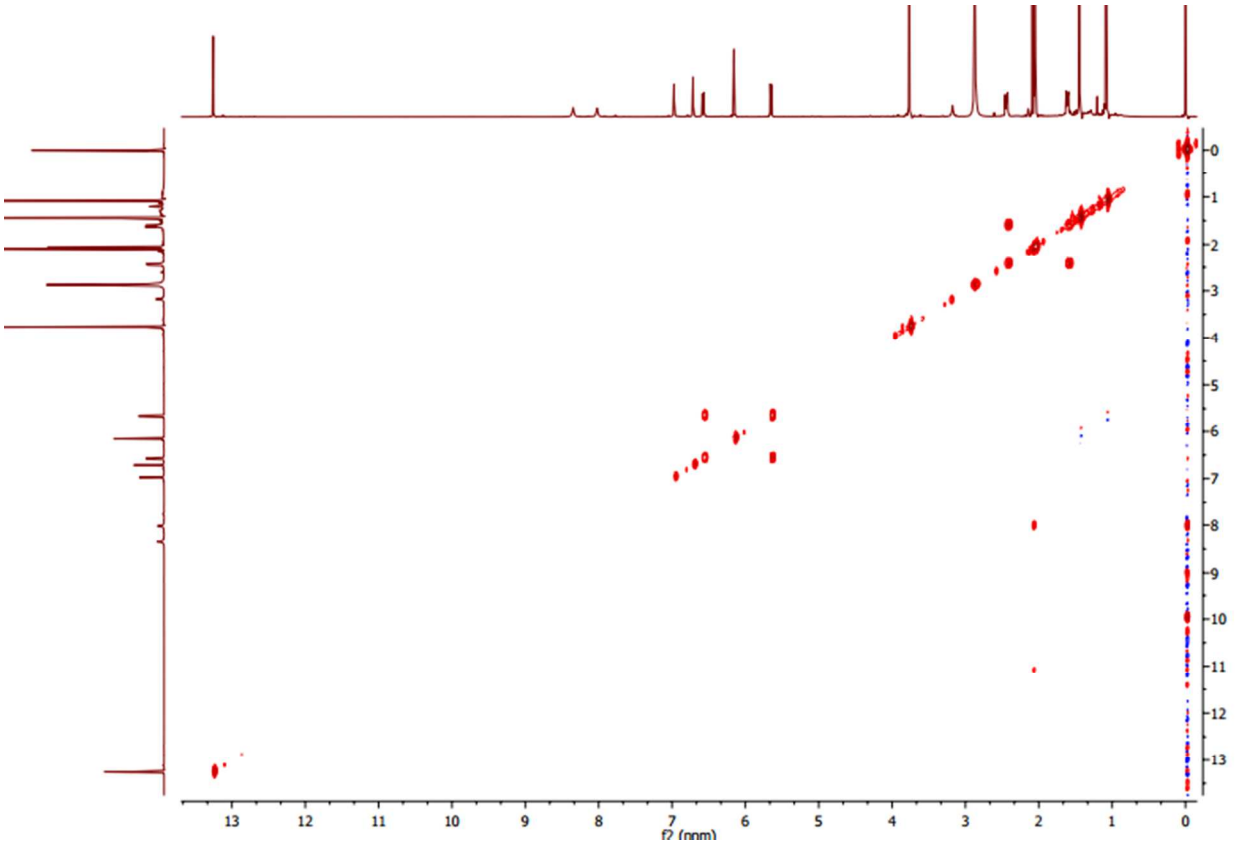

Fig. 11S COSY spectrum of compound **2** (CD_3COCD_3)

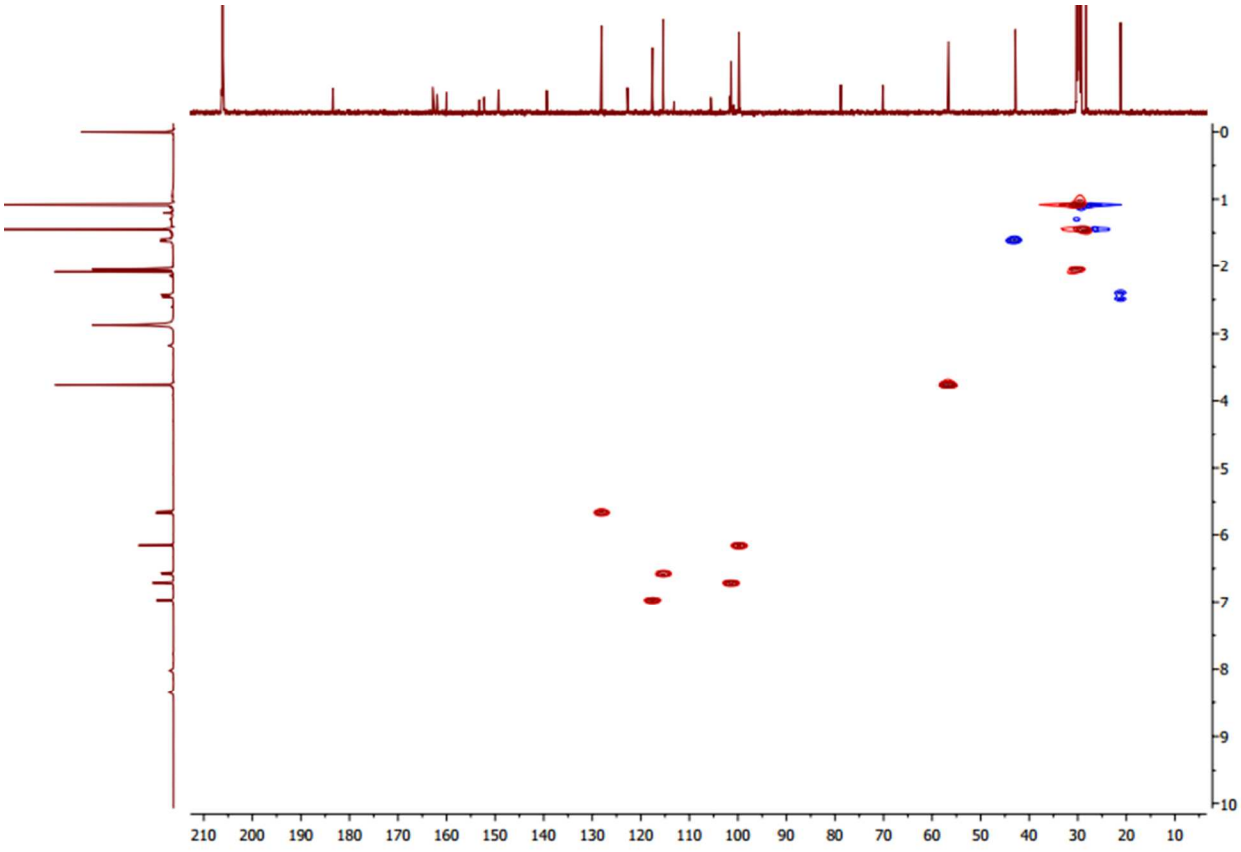

Fig. 12S HSQC spectrum of compound **2** (CD_3COCD_3)

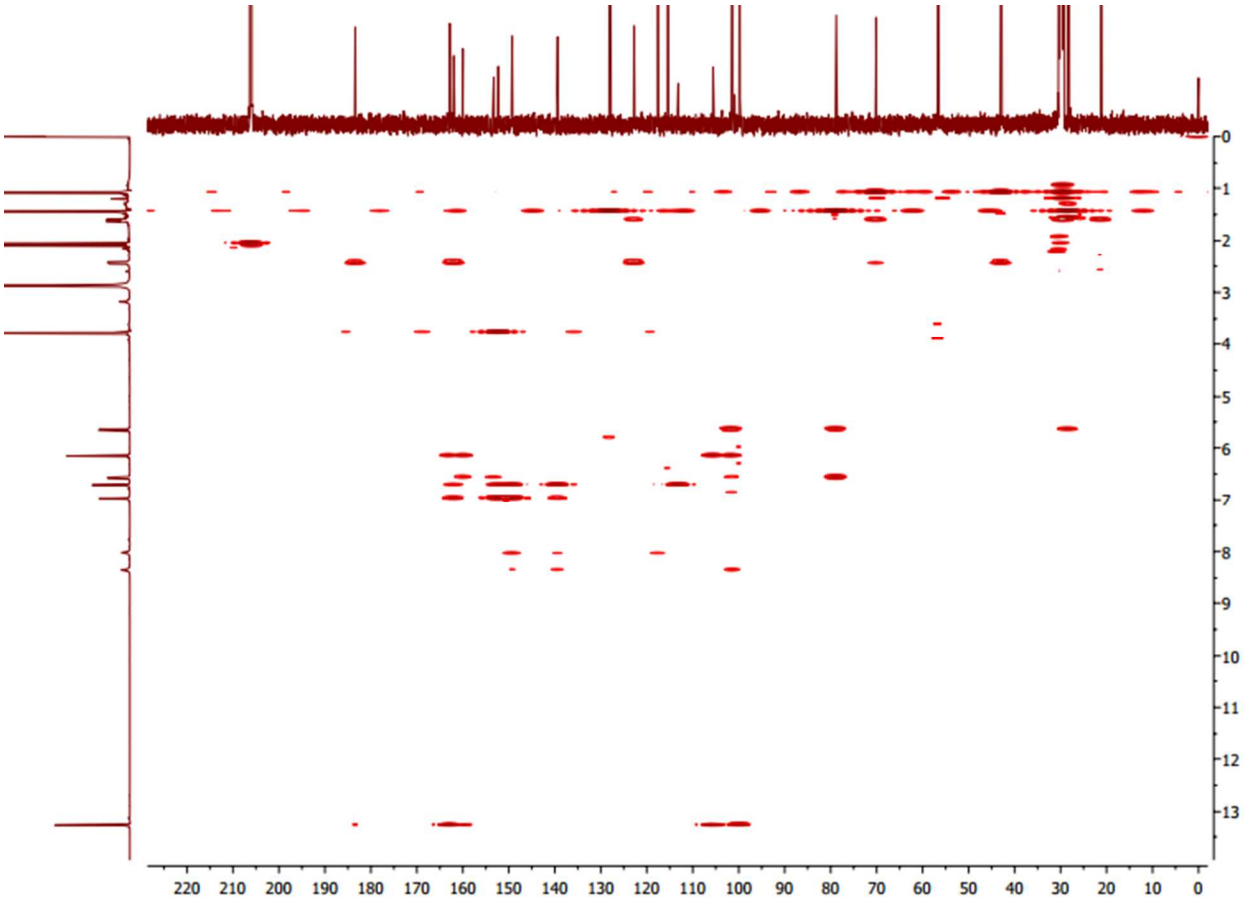

Fig. 13S HMBC spectrum of compound **2** (CD_3COCD_3)

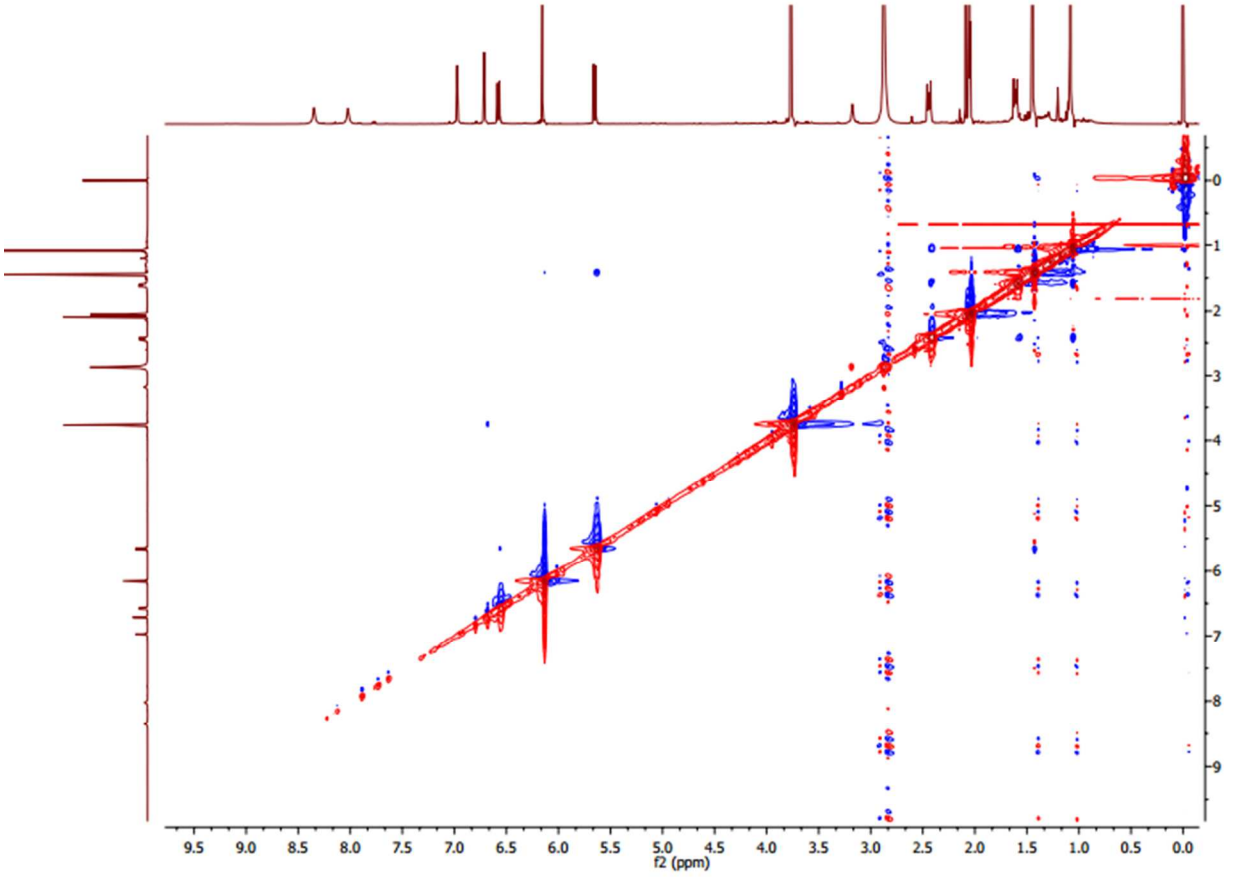

Fig. 14S NOESY spectrum of compound **2** (CD_3COCD_3)

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File: ME13001
Sample: - -
Instrument: AX505W
Inlet: Direct

Date Run: 7-22-2016 (Time Run: 09:35:00)

Ionization mode: FAB+

Scan: 61
Base: m/z 469; .6%FS TIC: 450876

R.T.: 1

#Ions: 39

Selected Isotopes : H $C_{0-26}O_{0-8}$

Error Limit : 20 mmu

Unsaturation Limits : 0 to 50

Measured Mass	*% Base*	*Formula*	*Calculated Mass*	*Error*	*Unsaturation*
469.18795	100.0%	$C_{26}H_{29}O_8$	469.18623	1.7	12.5

Fig. 15S MS spectrum of compound **2**

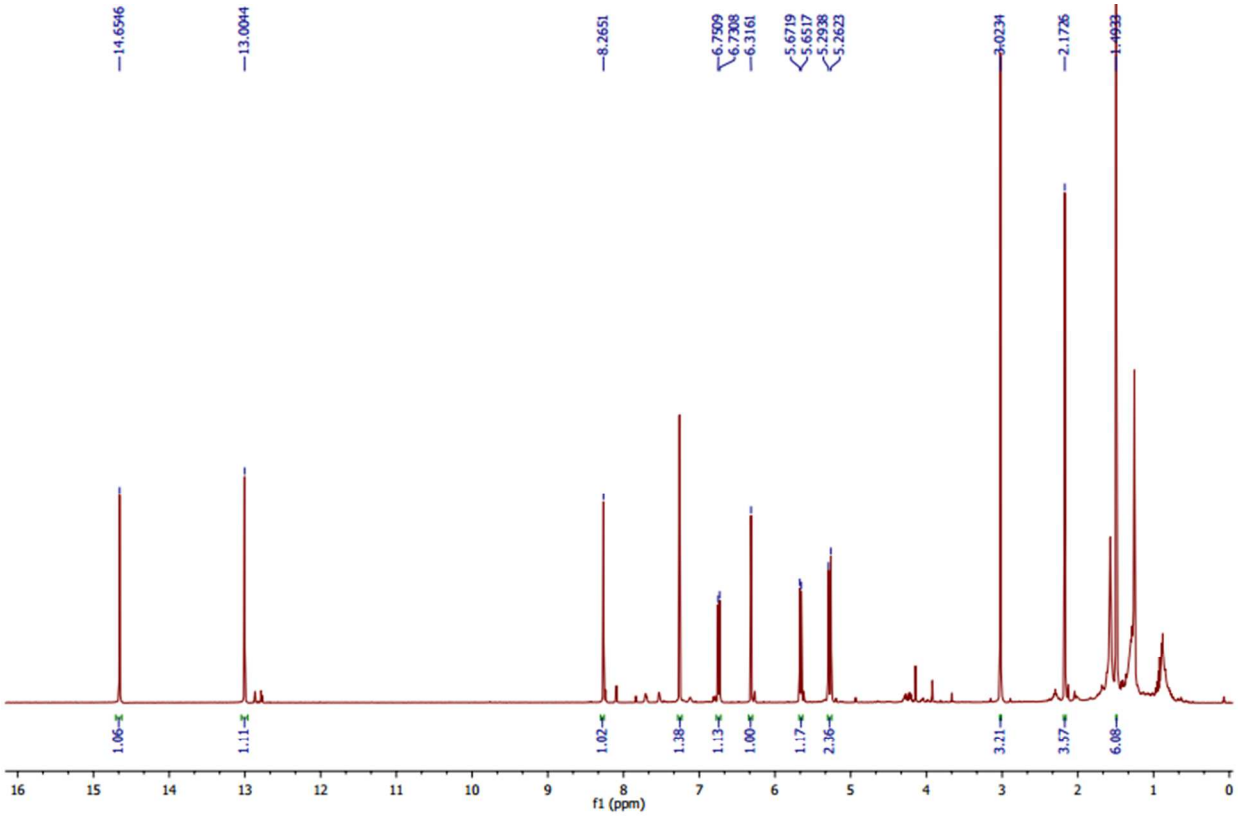

Fig. 16S ^{1}H NMR spectrum of compound **3** ($CDCl_3$, 500 MHz)

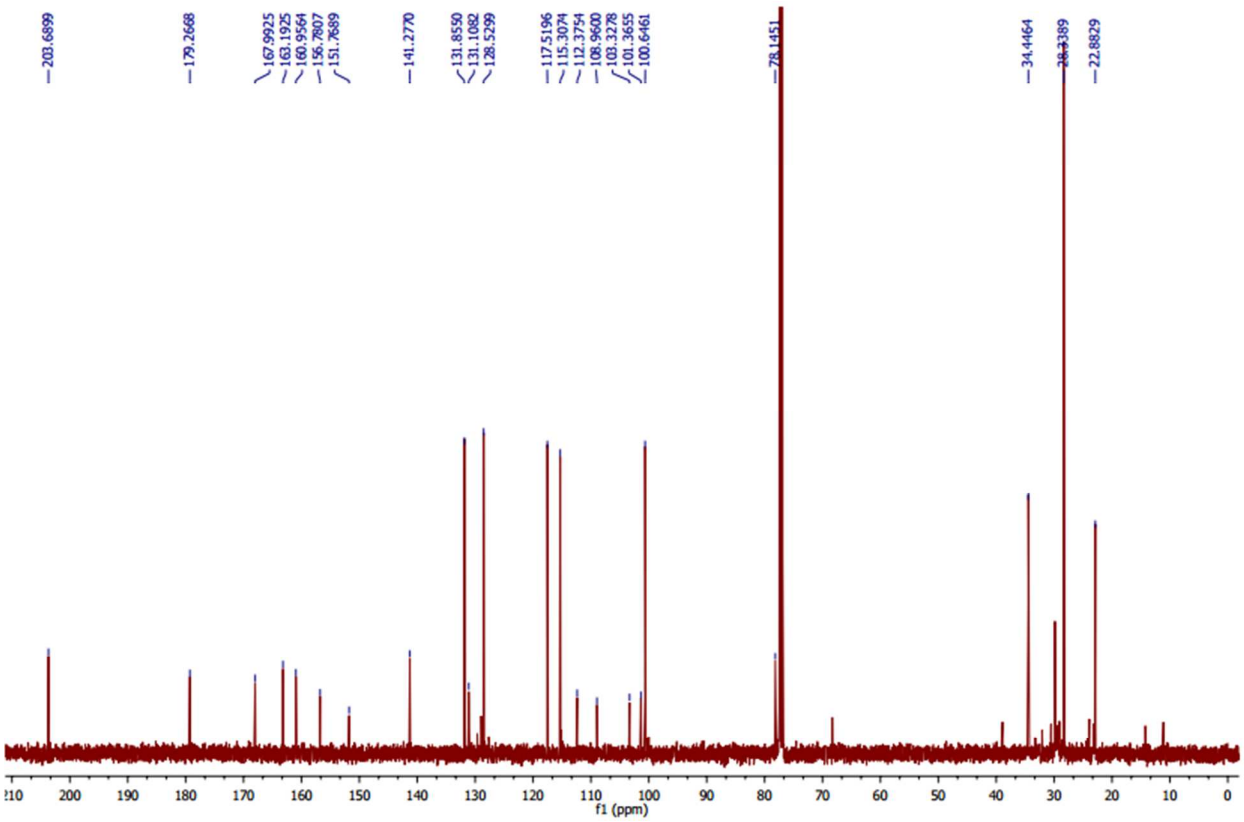

Fig. 17S ^{13}C NMR spectrum of compound **3**($CDCl_3$, 125 MHz)

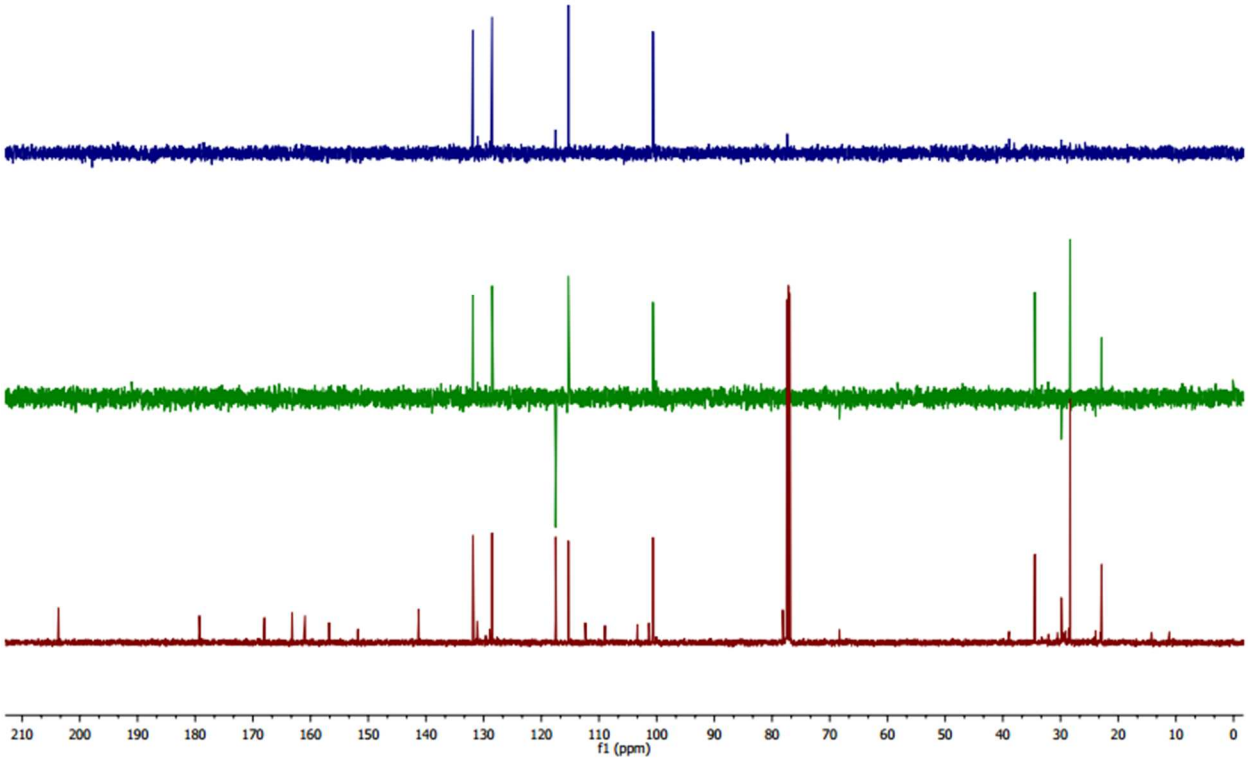

Fig. 18S DEPT spectrum of compound **3** ($CDCl_3$)

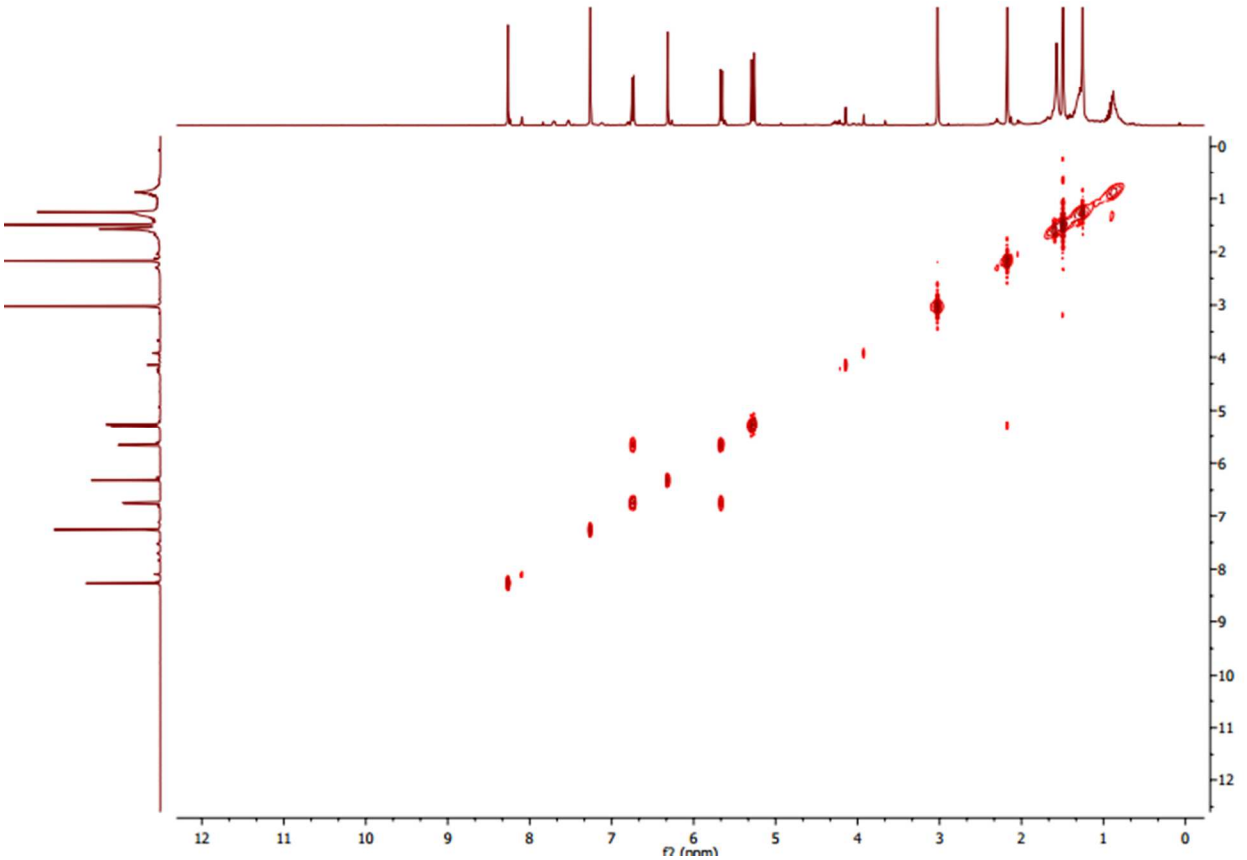

Fig. 19S COSY spectrum of compound **3** ($CDCl_3$)

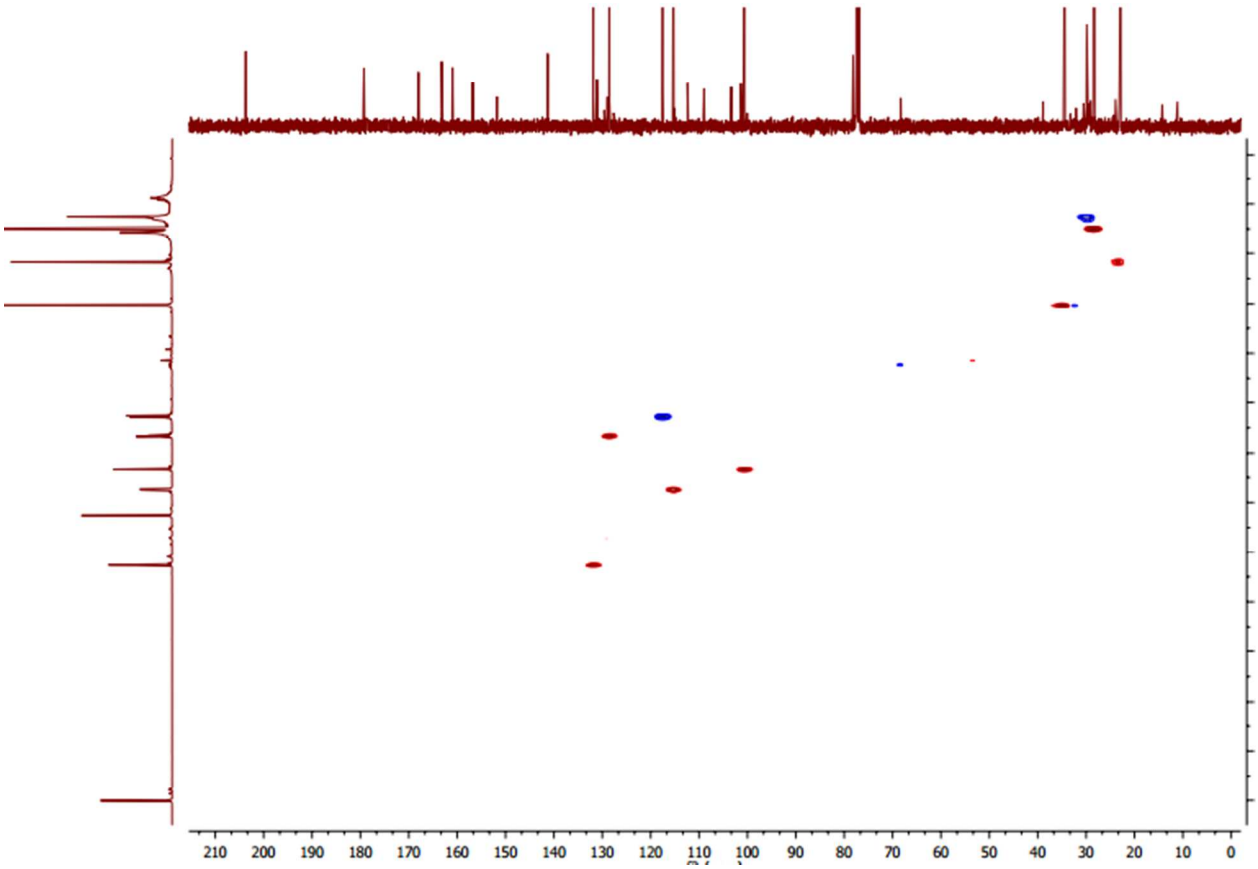

Fig. 20S HSQC spectrum of compound **3** ($CDCl_3$)

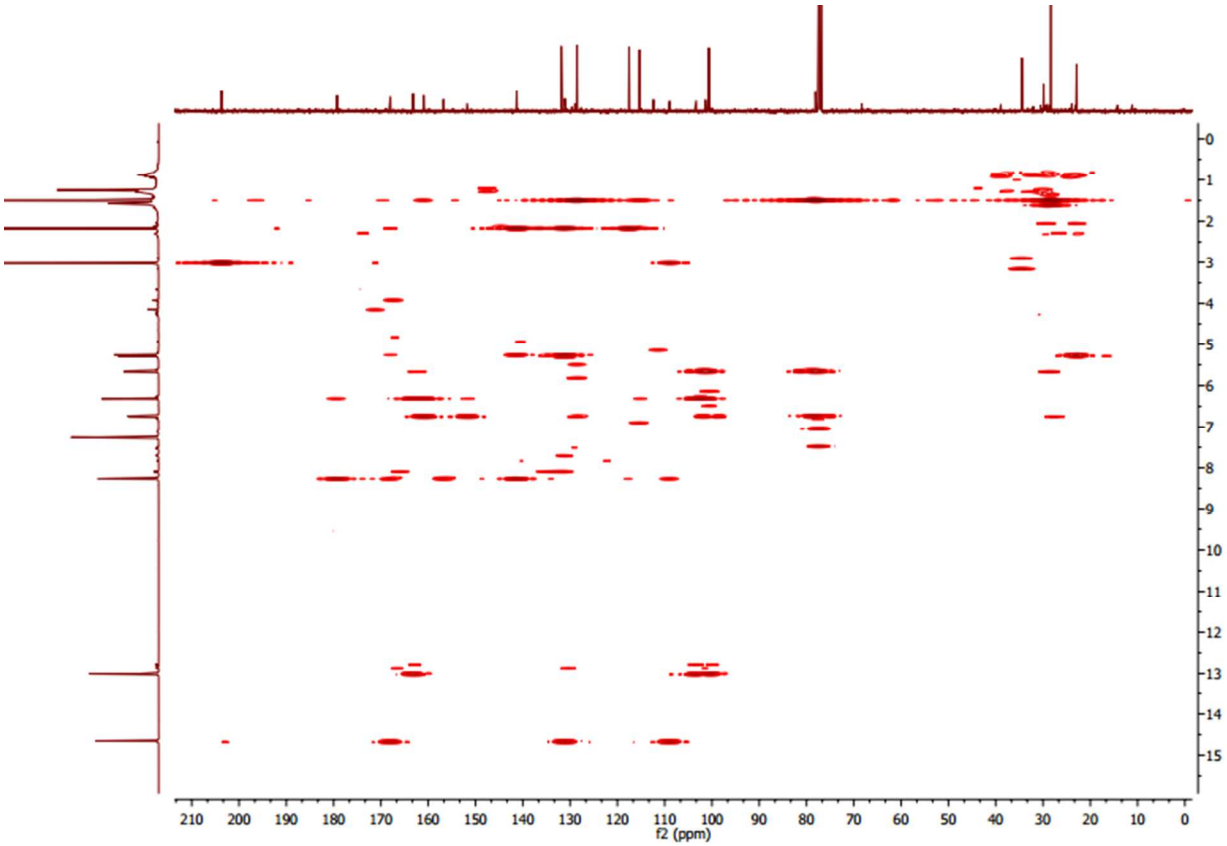

Fig. 21S HMBC spectrum of compound **3** ($CDCl_3$)

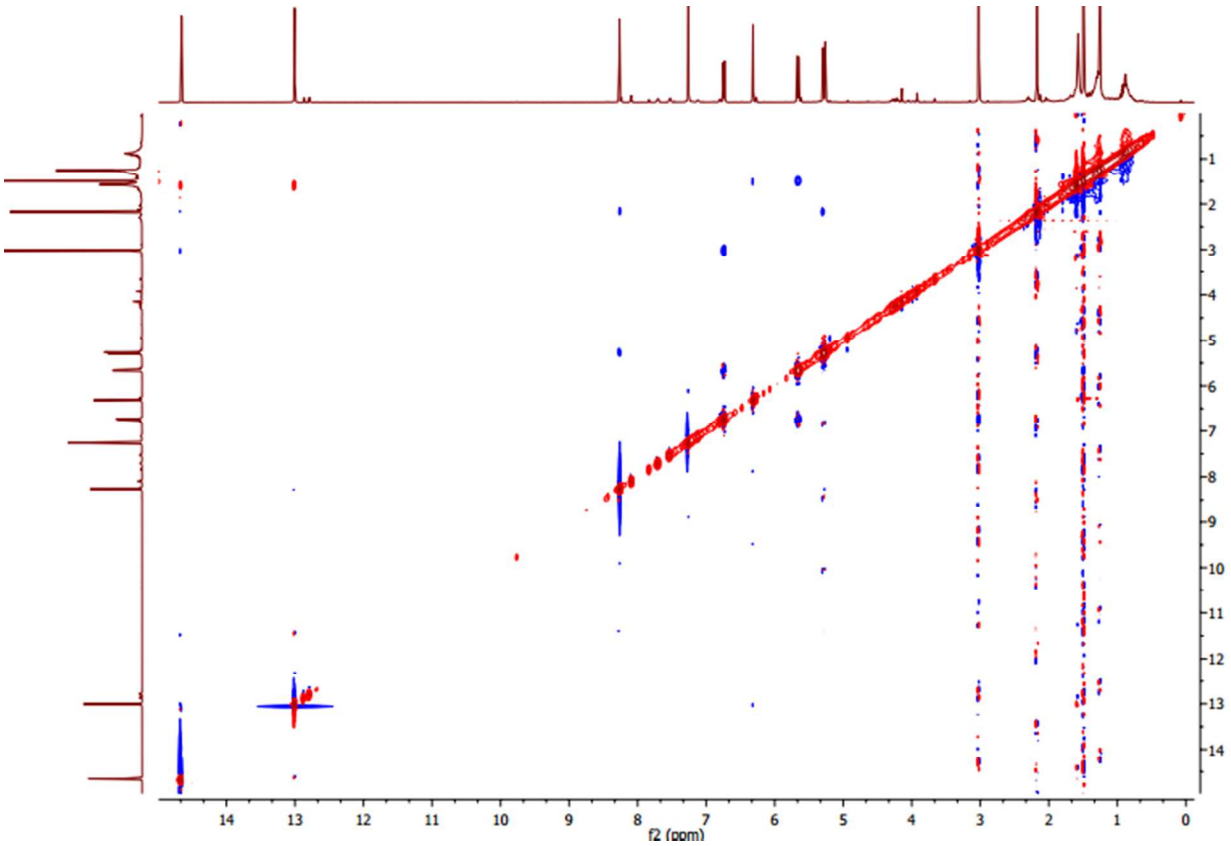

Fig. 22S NOESY spectrum of compound **3** ($CDCl_3$)

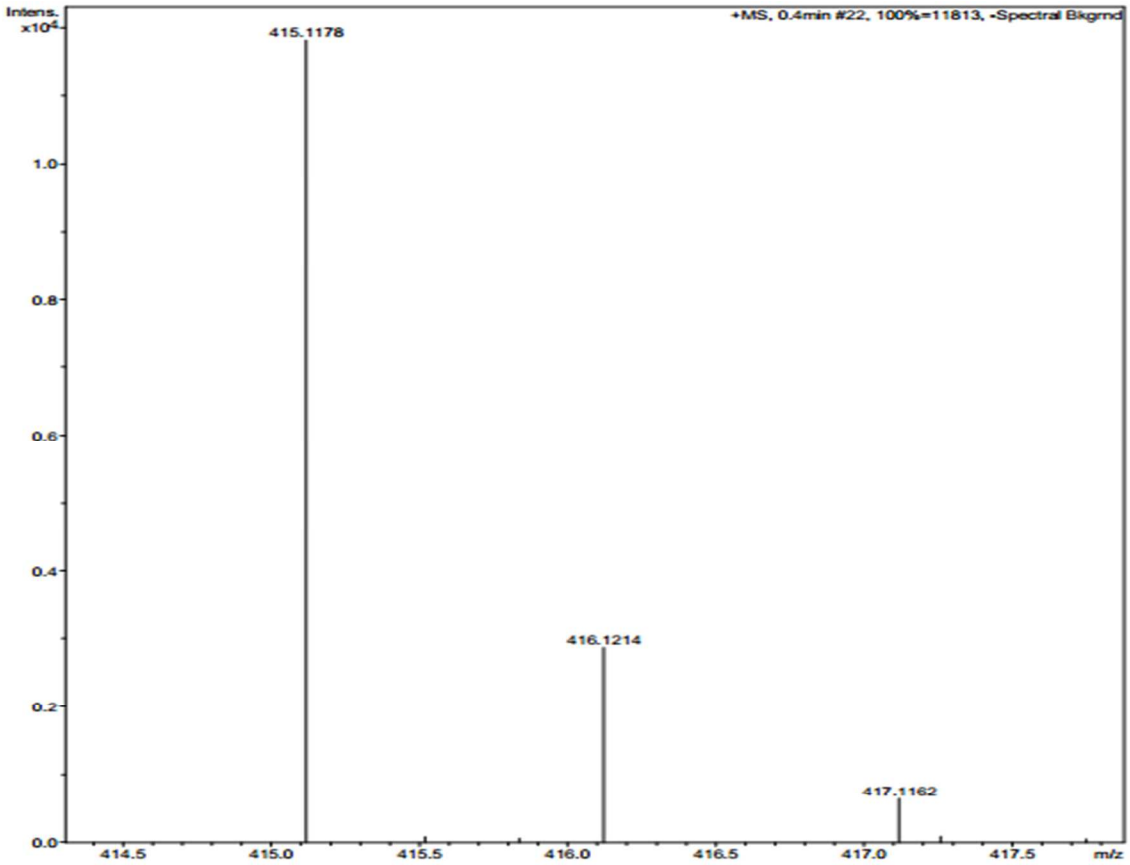

Fig. 23S MS spectrum of compound **3**

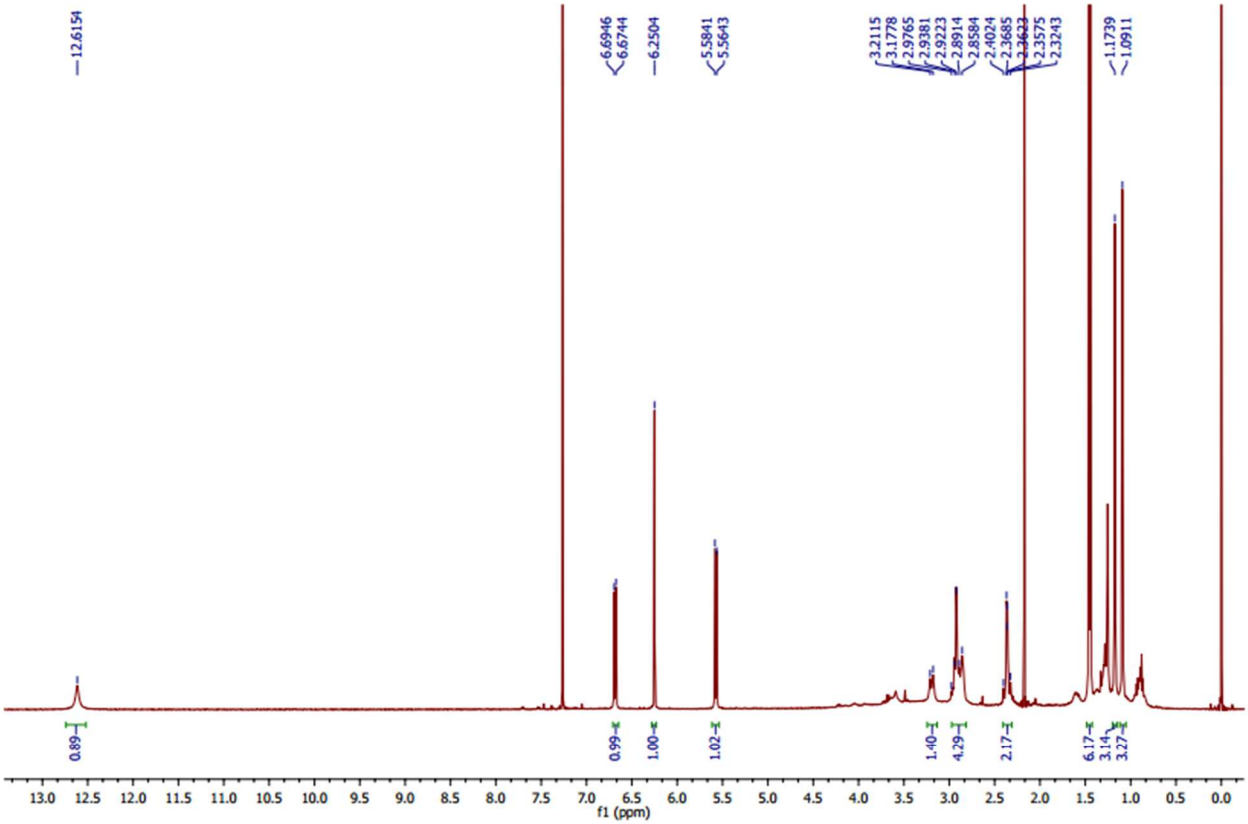

Fig. 24S ^{1}H NMR spectrum of compound **4** (CD_3COCD_3, 500 MHz)

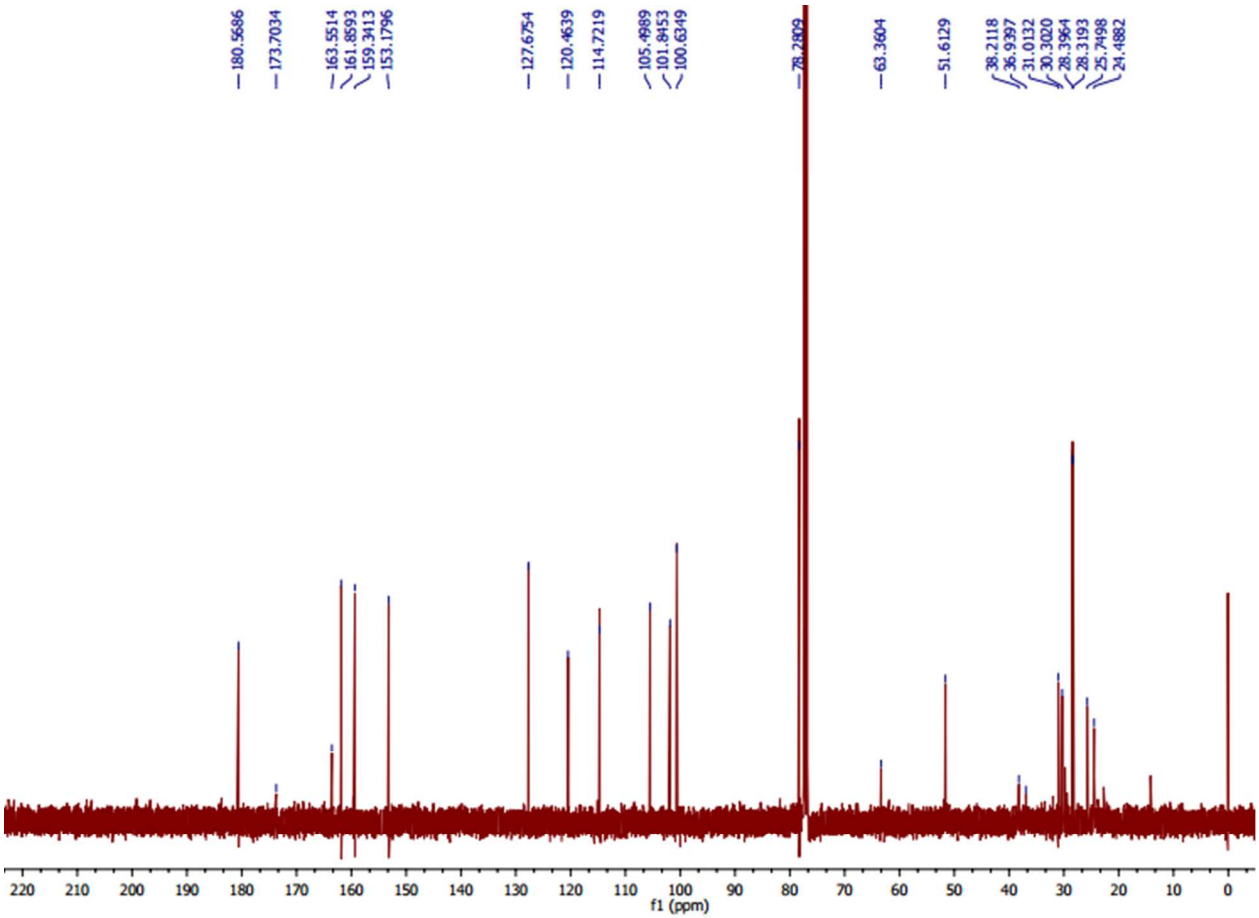

Fig. 25S ^{13}C NMR spectrum of compound **4** (CD_3COCD_3, 125 MHz)

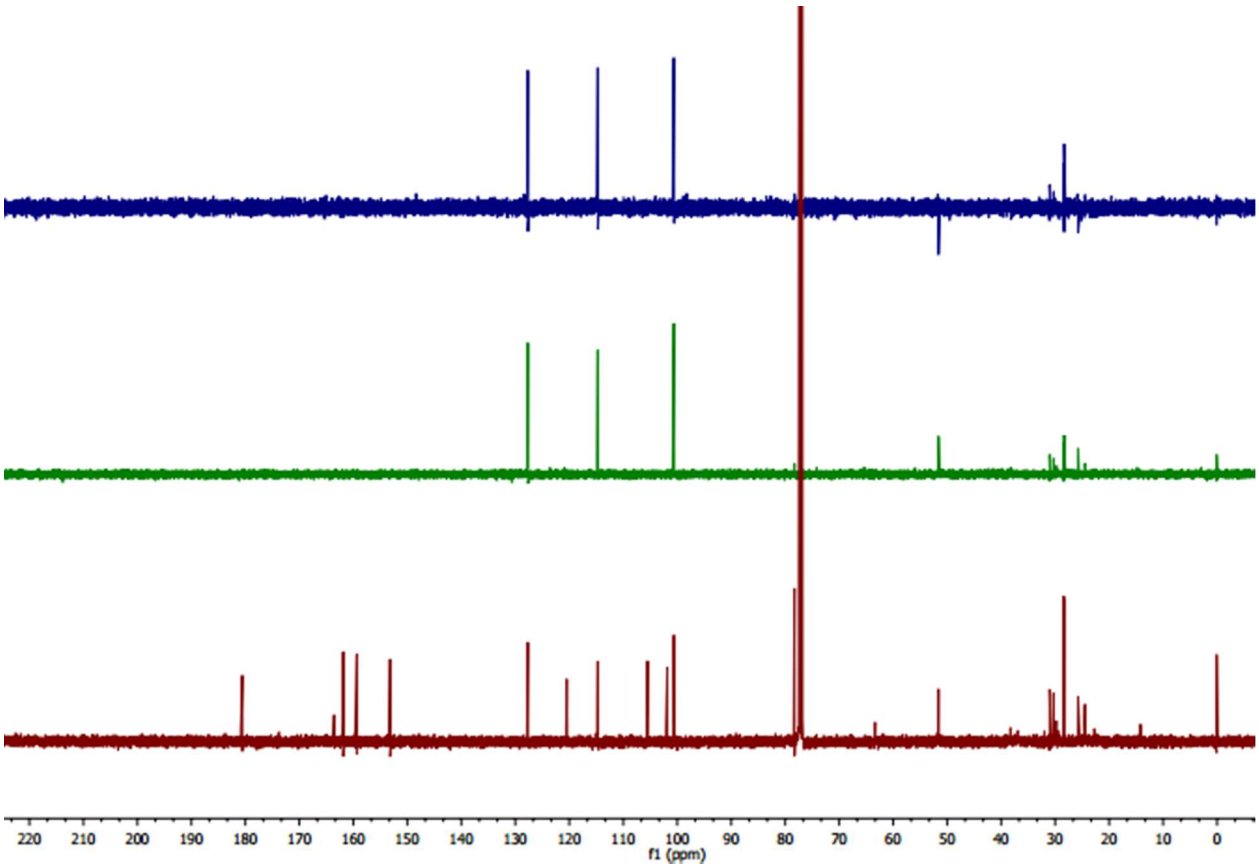

Fig. 26S DEPT spectrum of compound **4** (CD_3COCD_3)

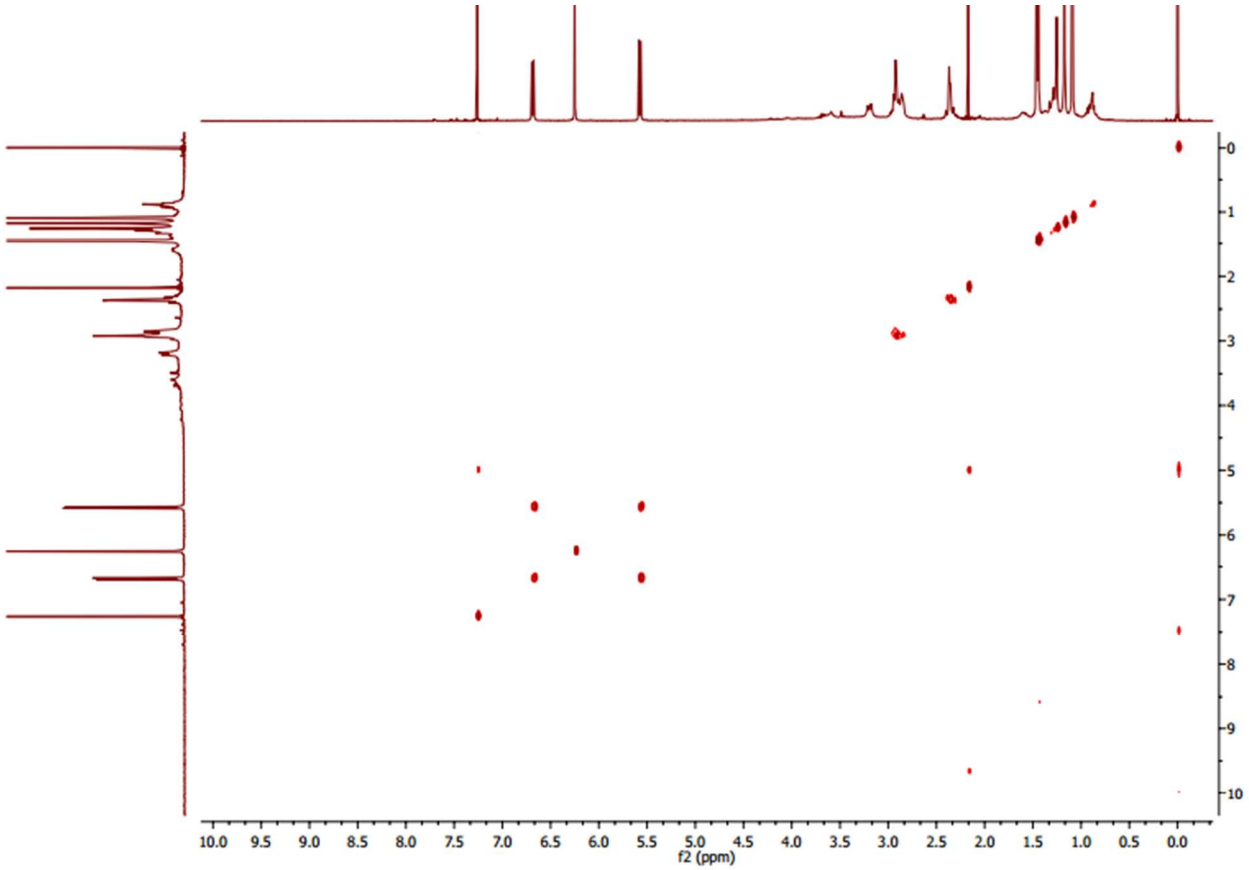

Fig. 27S COSY spectrum of compound **4** (CD_3COCD_3)

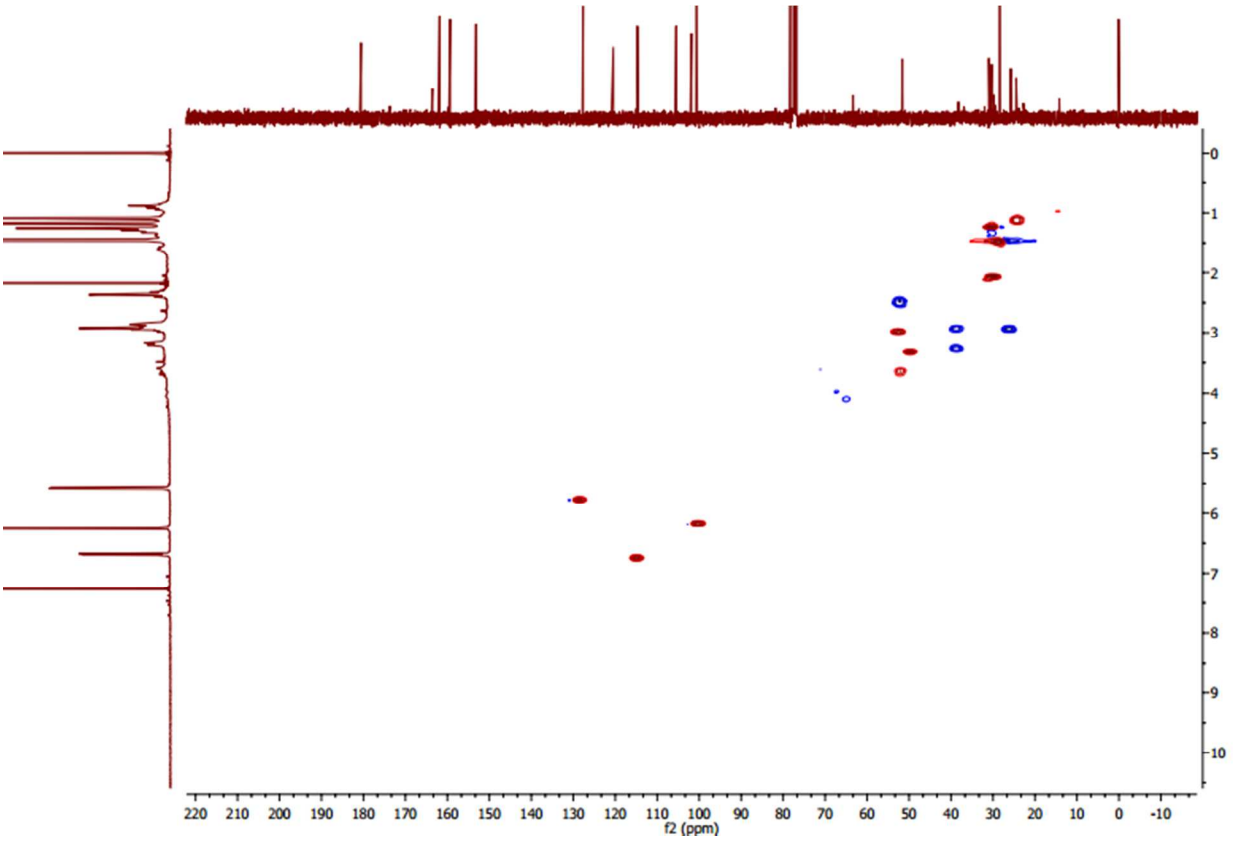

Fig. 28S HSQC spectrum of compound **4** (CD_3COCD_3)

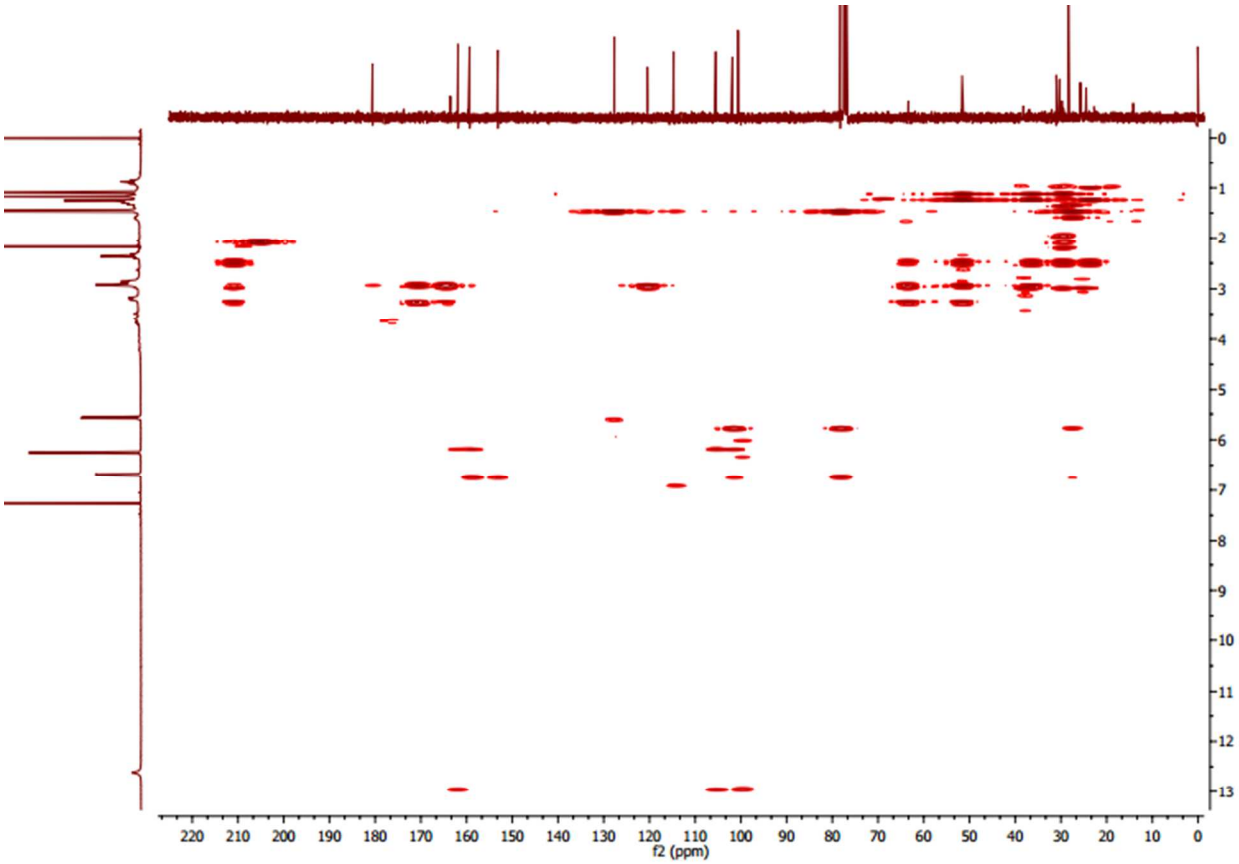

Fig. 29S HMBC spectrum of compound **4** (CD_3COCD_3)

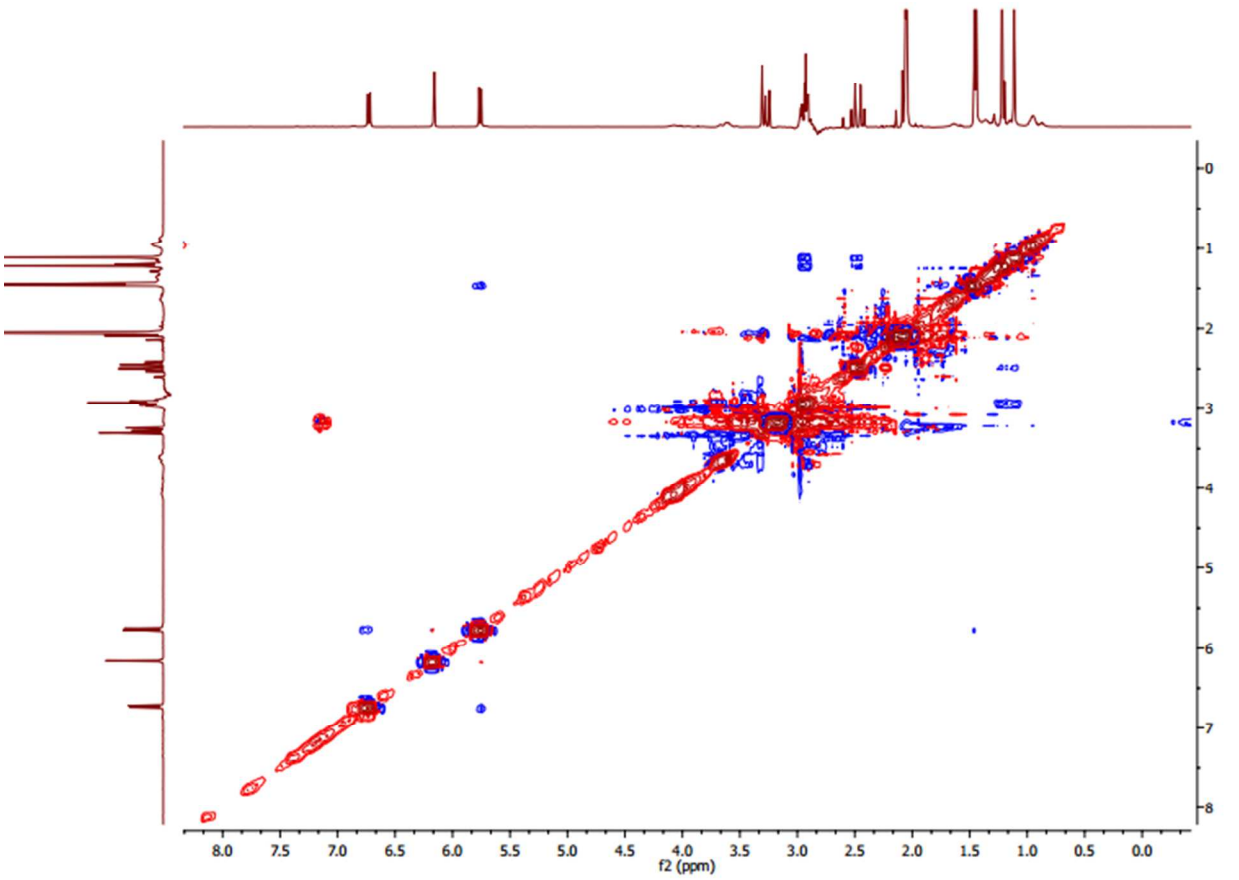

Fig. 30S NOESY spectrum of compound **4** (CD_3COCD_3)

File: MNF11003 Date Run: 7-22-2016 (Time Run: 10:09:52)
Sample: - -
Instrument: AX505W
Inlet: Direct Ionization mode: FAB+

Scan: 43 R.T.: .73
Base: m/z 425; 19%FS TIC: 1039469 #Ions: 63

Selected Isotopes : H $C_{0-24}O_{0-7}$ Error Limit : 20 mmu Unsaturation Limits : 0 to 50

Measured Mass	*% Base*	*Formula*	*Calculated Mass*	*Error*	*Unsaturation*
426.16417	39.6%	$C_{24}H_{26}O_7$	426.16785	-3.7	12.0
425.16038	100.0%	$C_{24}H_{25}O_7$	425.16003	0.3	12.5

Fig. 31S MS spectrum of compound **4**

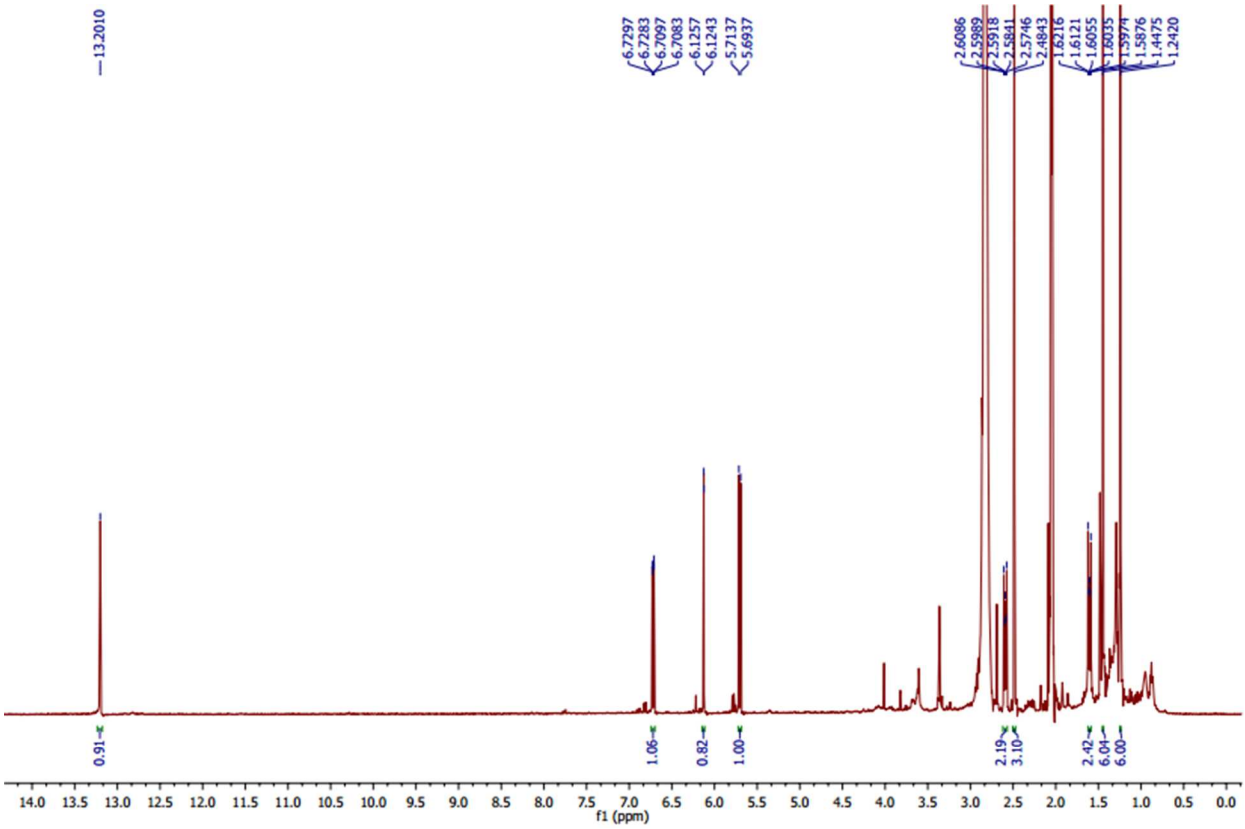

Fig. 32S ^{1}H NMR spectrum of compound **5** (CD_3COCD_3, 500 MHz)

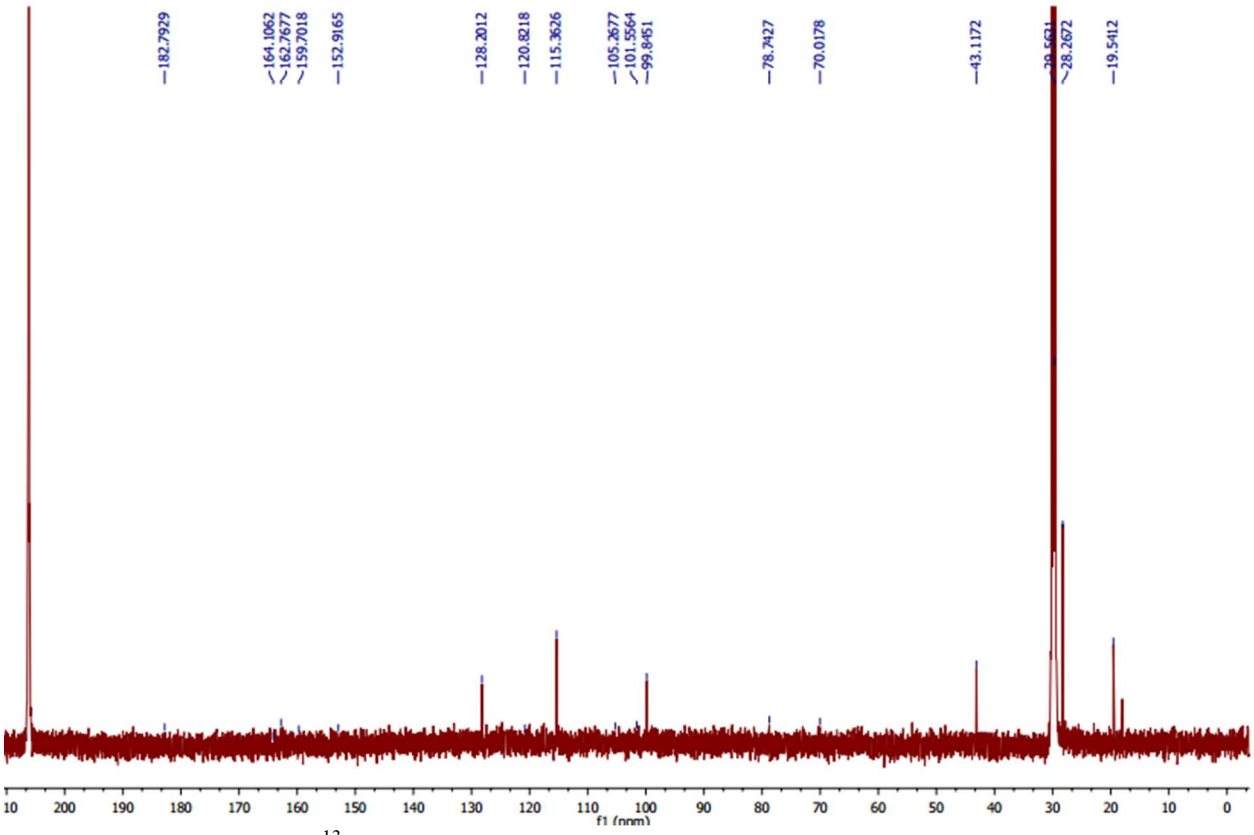

Fig. 33S ^{13}C NMR spectrum of compound **5** (CD_3COCD_3, 125 MHz)

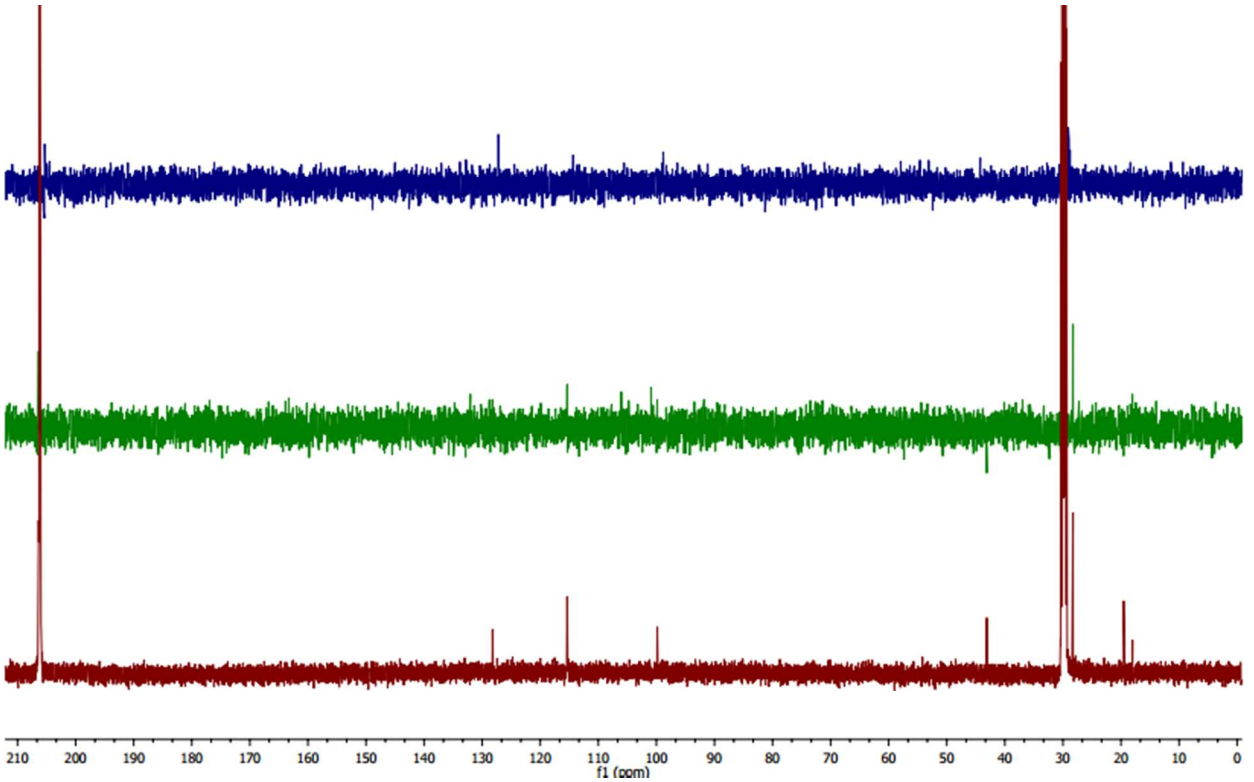

Fig. 34S DEPT spectrum of compound **5** (CD_3COCD_3)

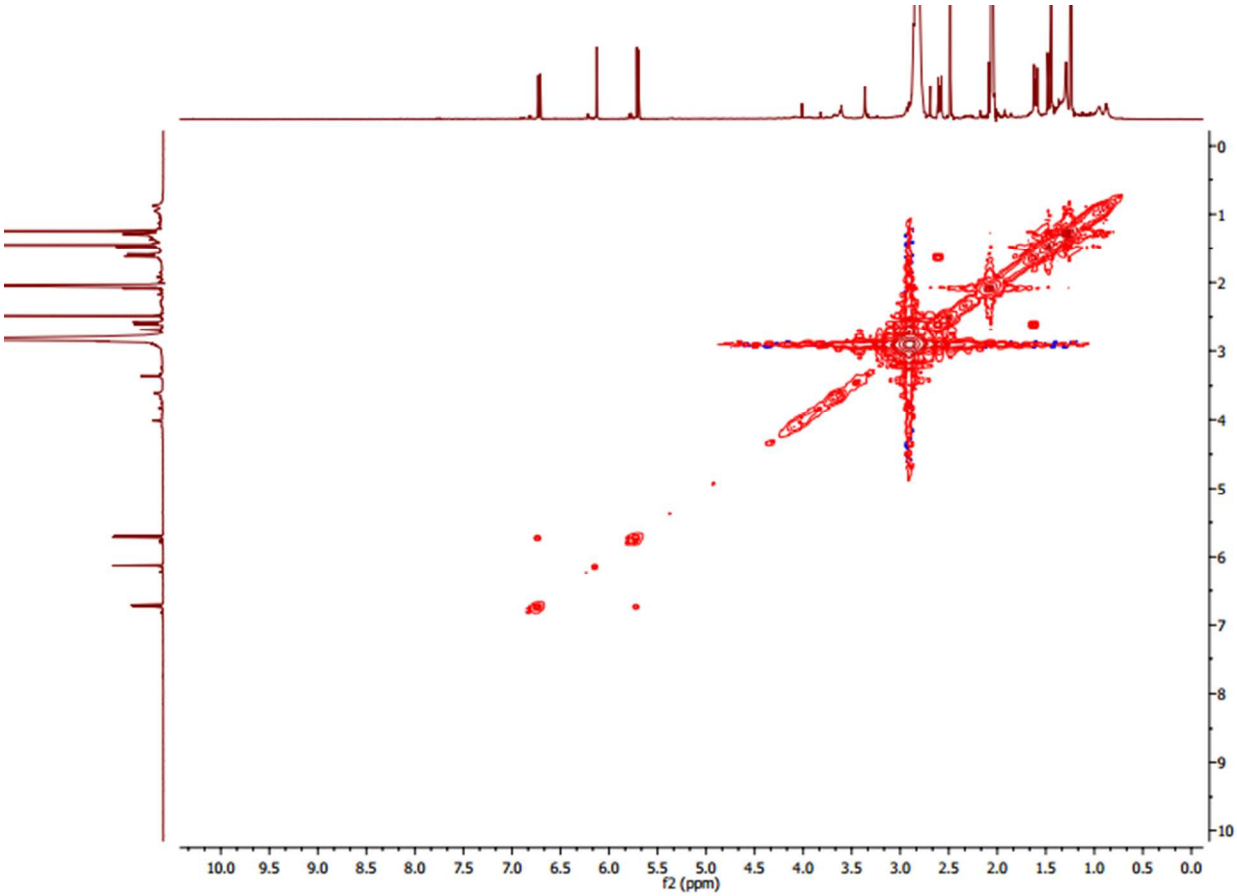

Fig. 35S COSY spectrum of compound **5** (CD_3COCD_3)

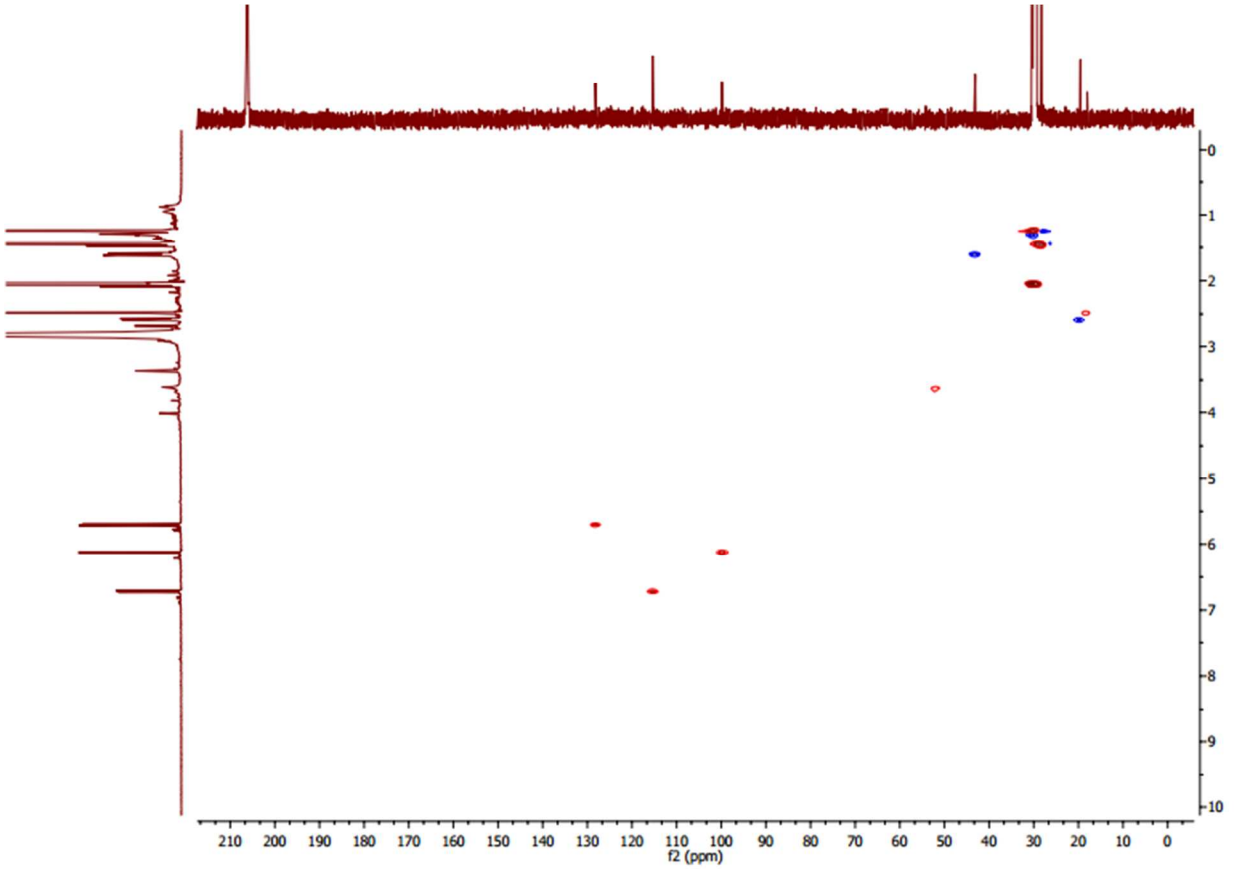

Fig. 36S HSQC spectrum of compound **5** (CD_3COCD_3)

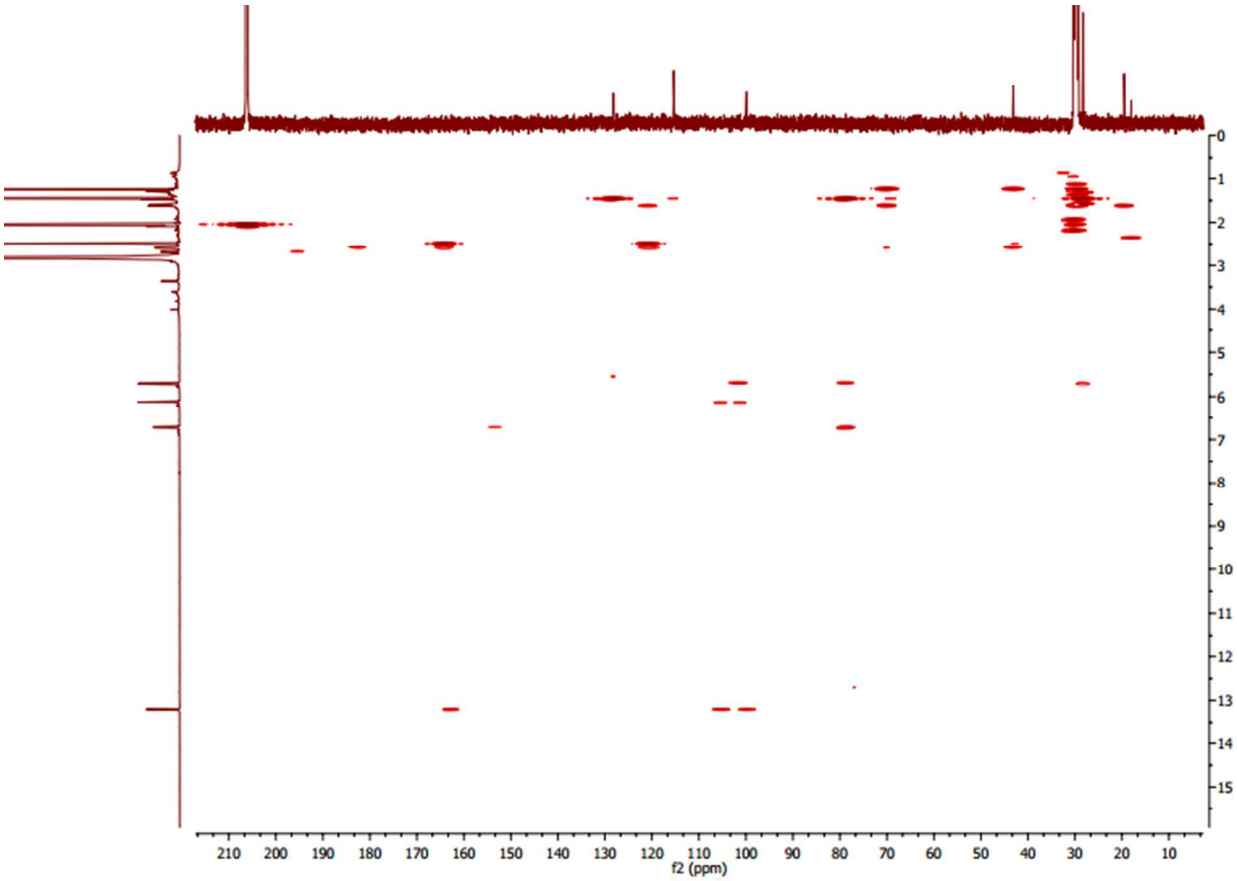

Fig. 37S HMBC spectrum of compound **5** (CD_3COCD_3)

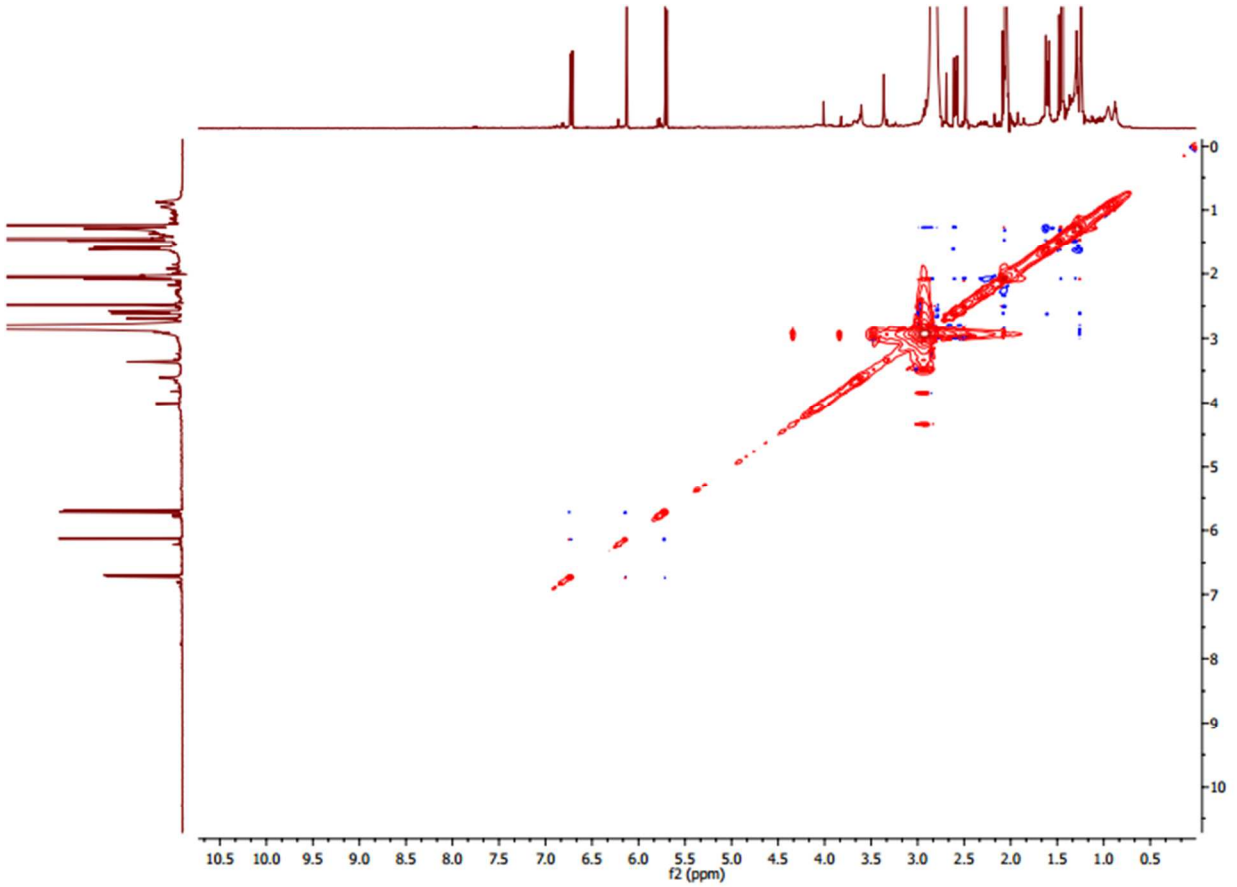

Fig. 38S NOESY spectrum of compound **5** (CD_3COCD_3)

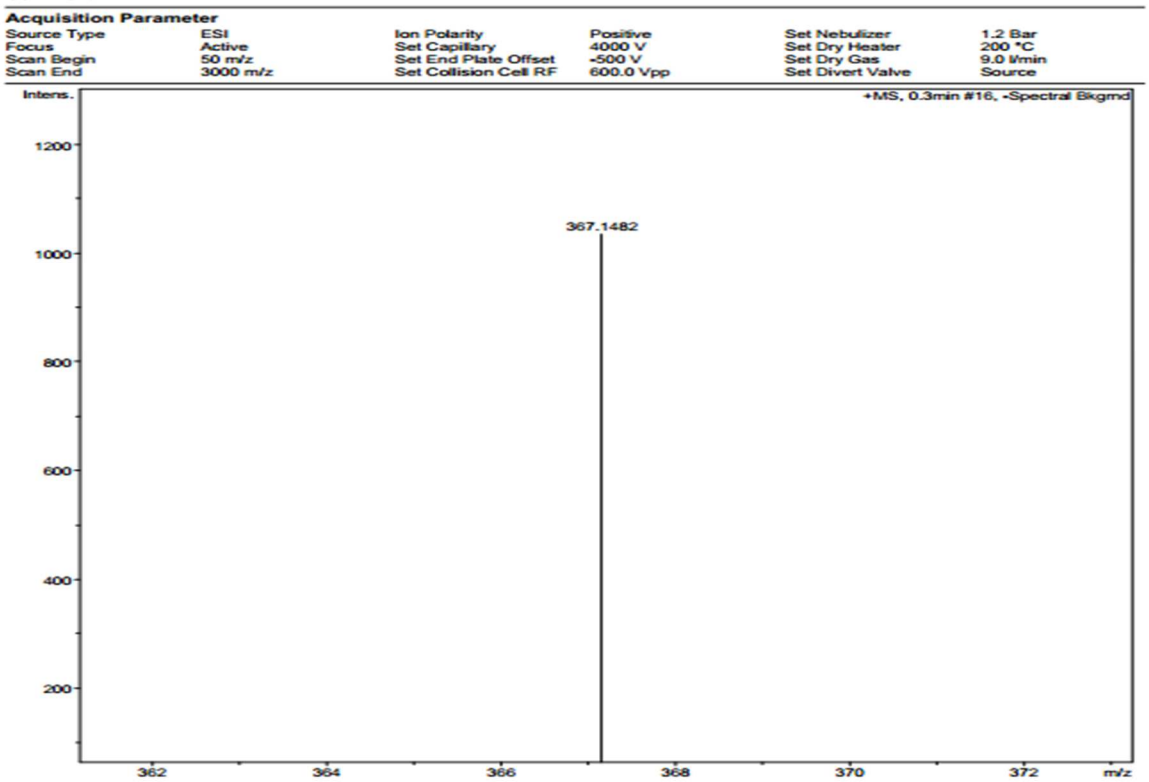

Fig. 39S MS spectrum of compound **5**

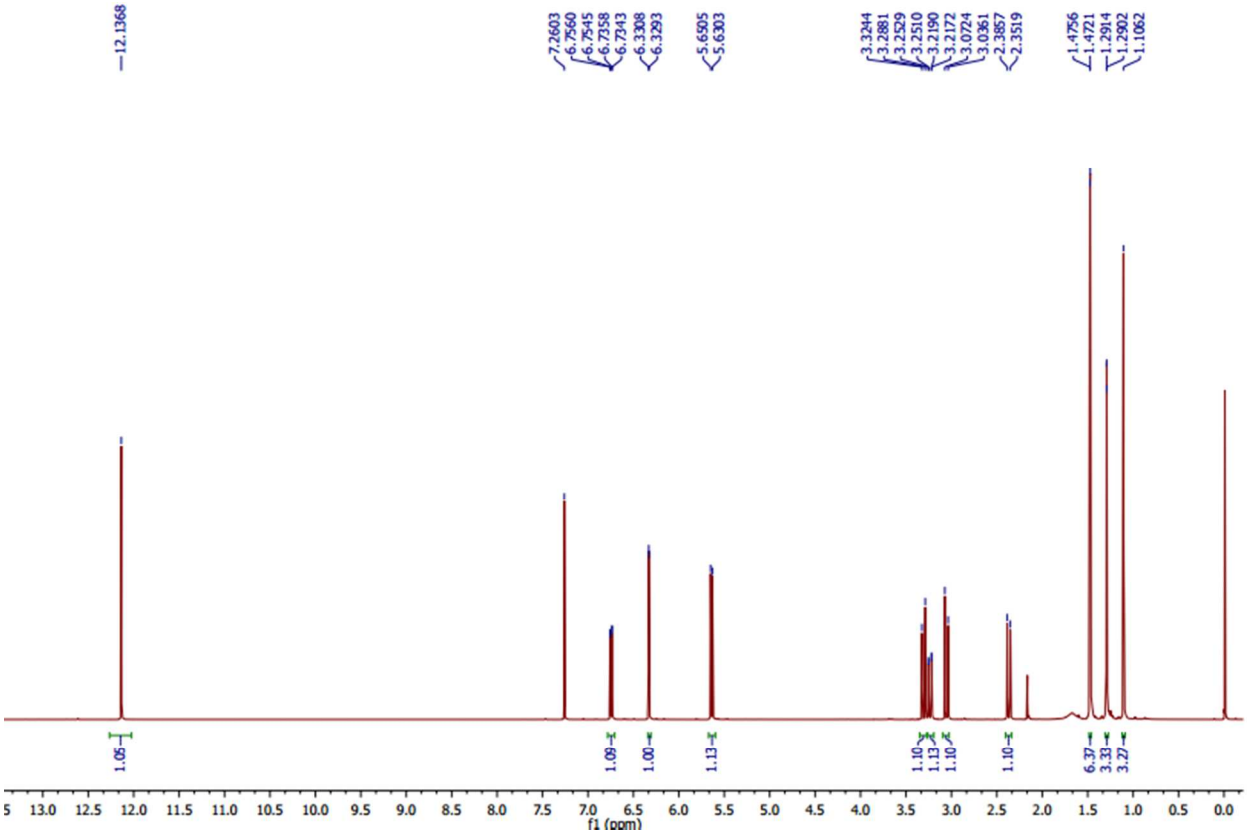

Fig. 40S ^{1}H NMR spectrum of compound **6** ($CDCl_3$, 500 MHz)

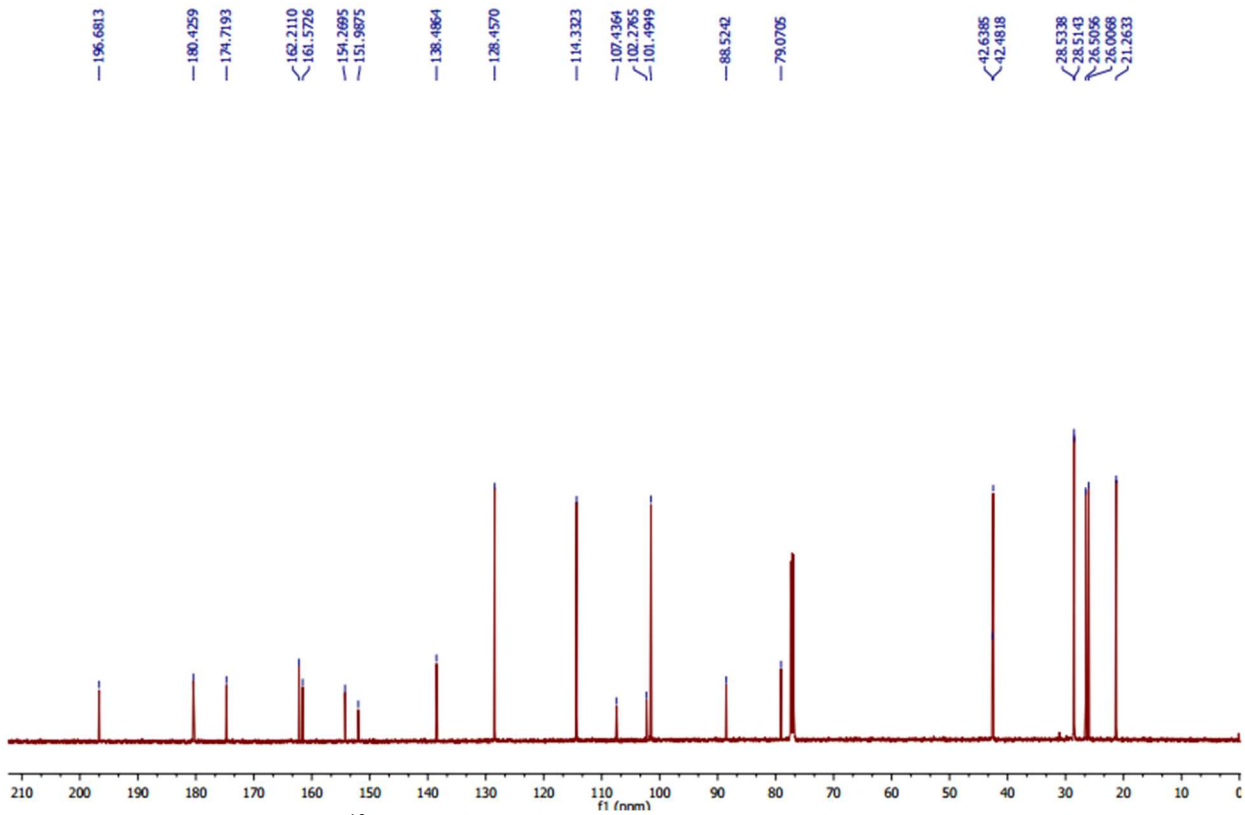

Fig. 41S ^{13}C NMR spectrum of compound **6** ($CDCl_3$, 125 MHz)

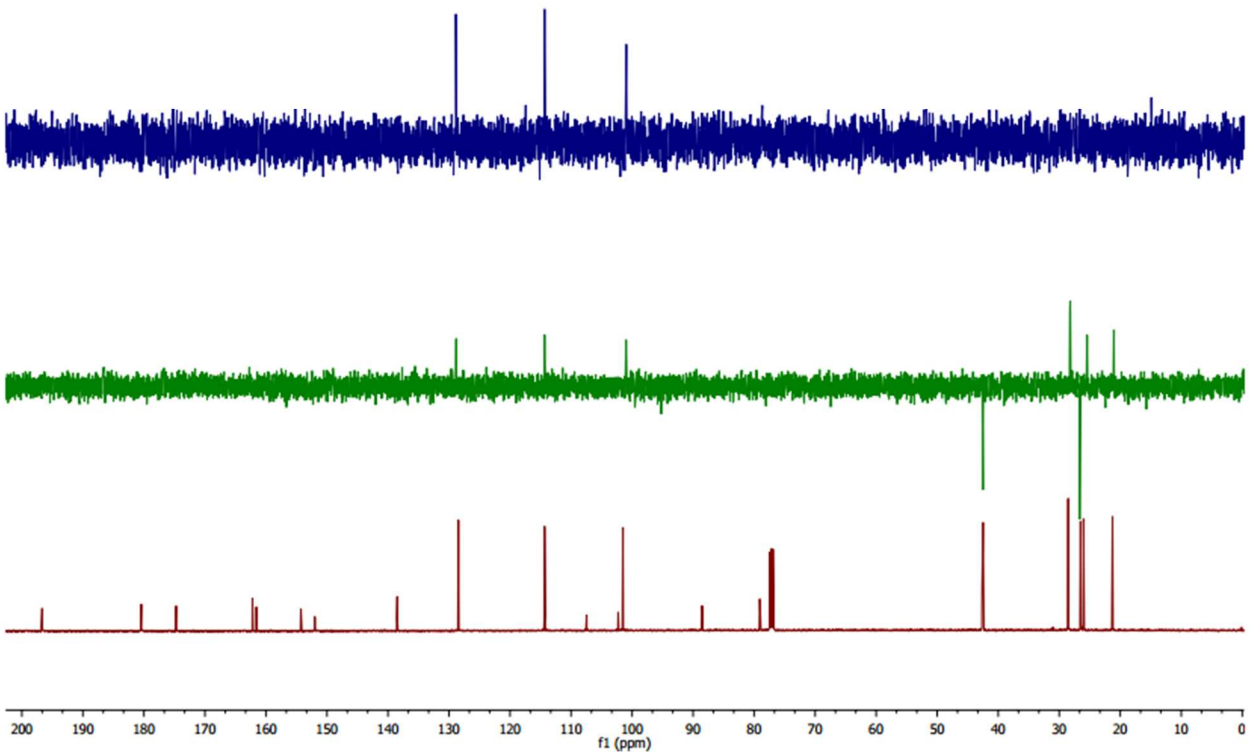

Fig. 42S DEPT spectrum of compound **6** ($CDCl_3$)

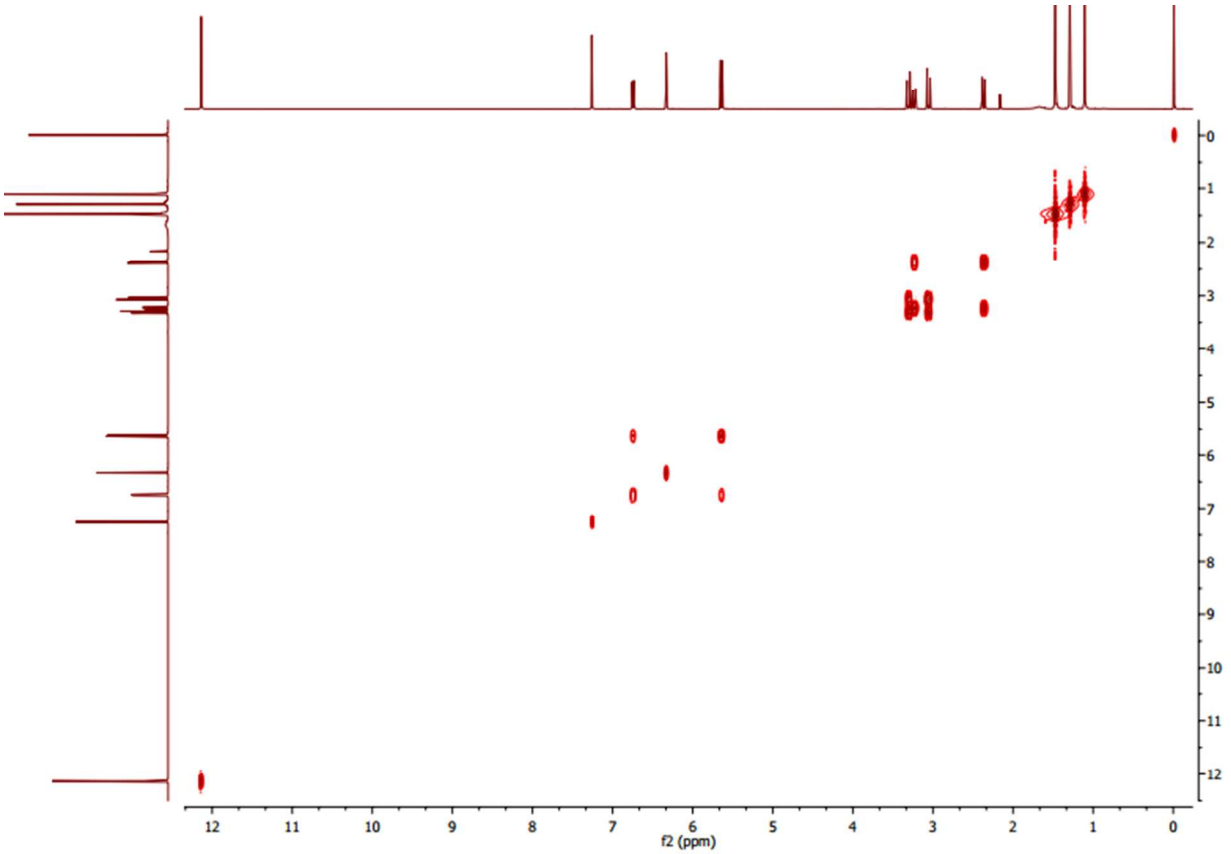

Fig. 43S COSY spectrum of compound **6** ($CDCl_3$)

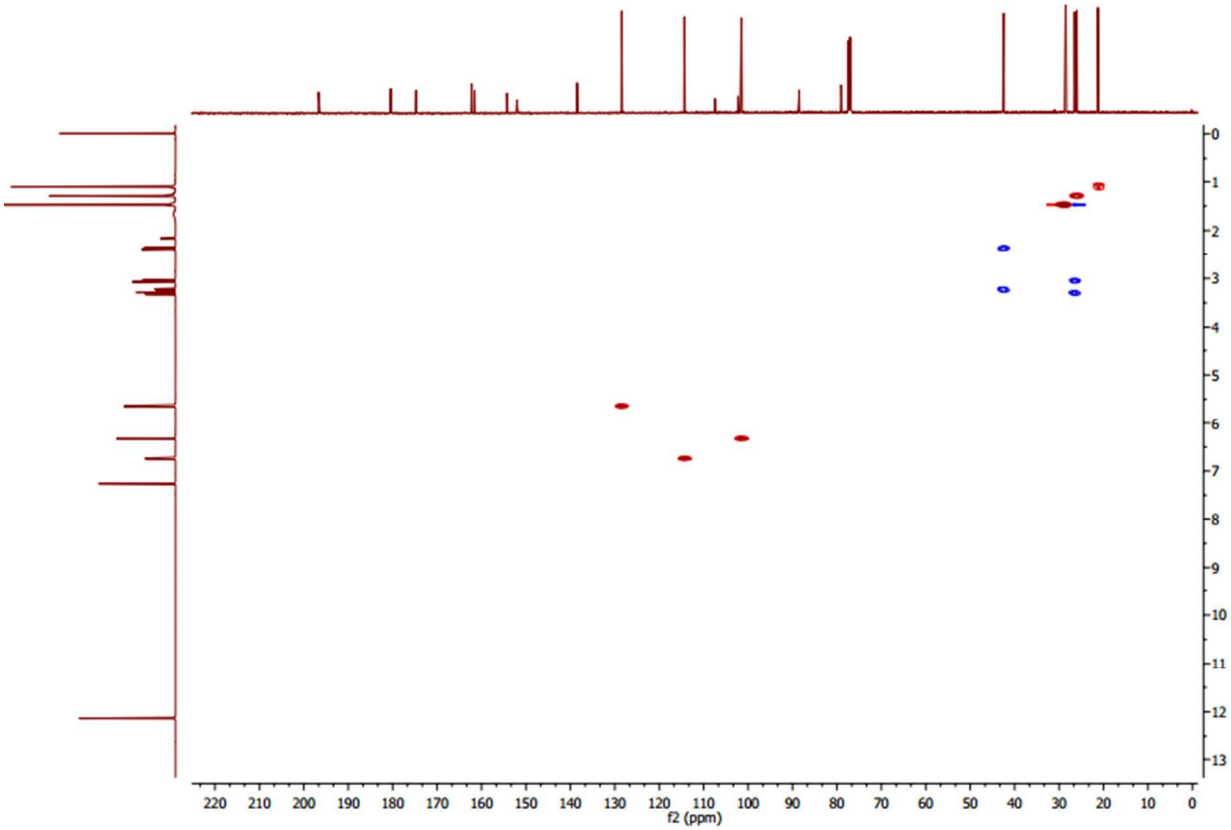

Fig. 44S HSQC spectrum of compound **6** ($CDCl_3$)

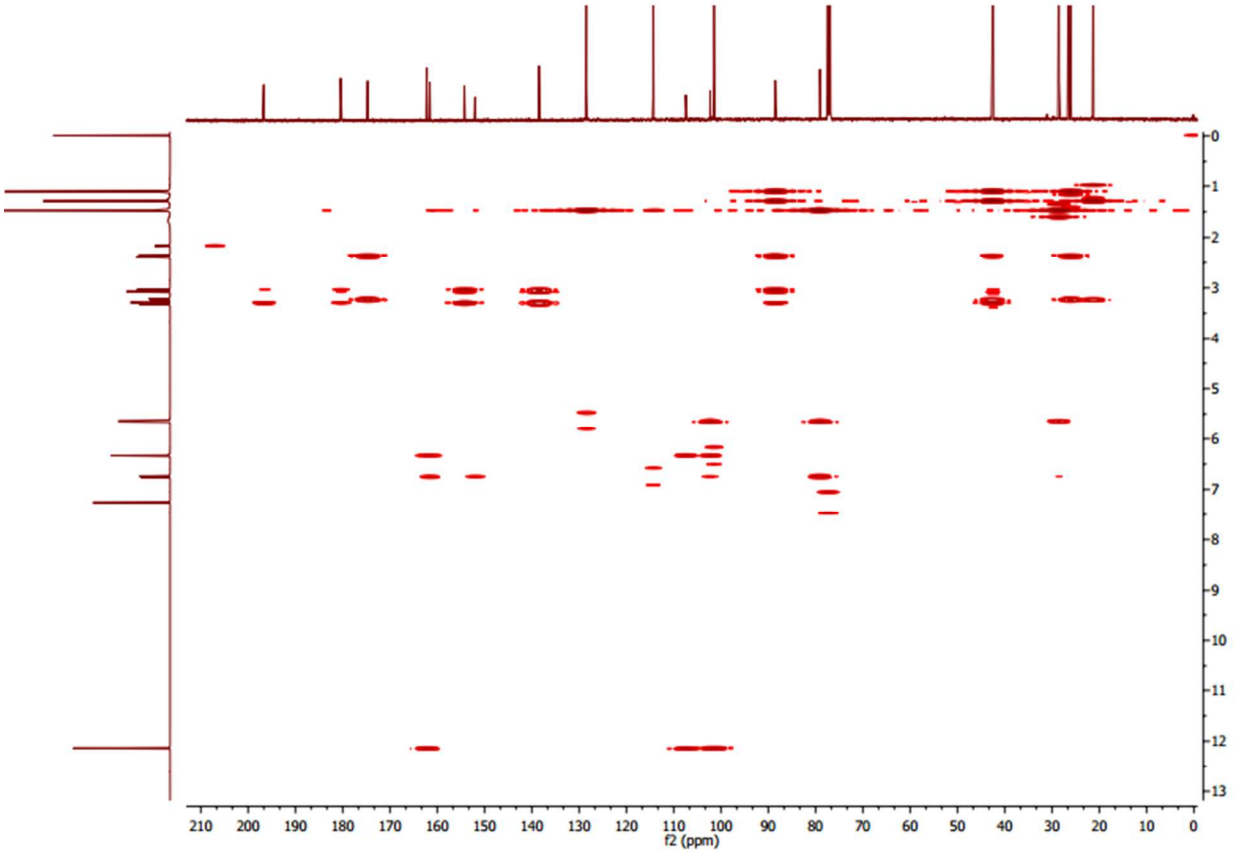

Fig. 45S HMBC spectrum of compound **6** ($CDCl_3$)

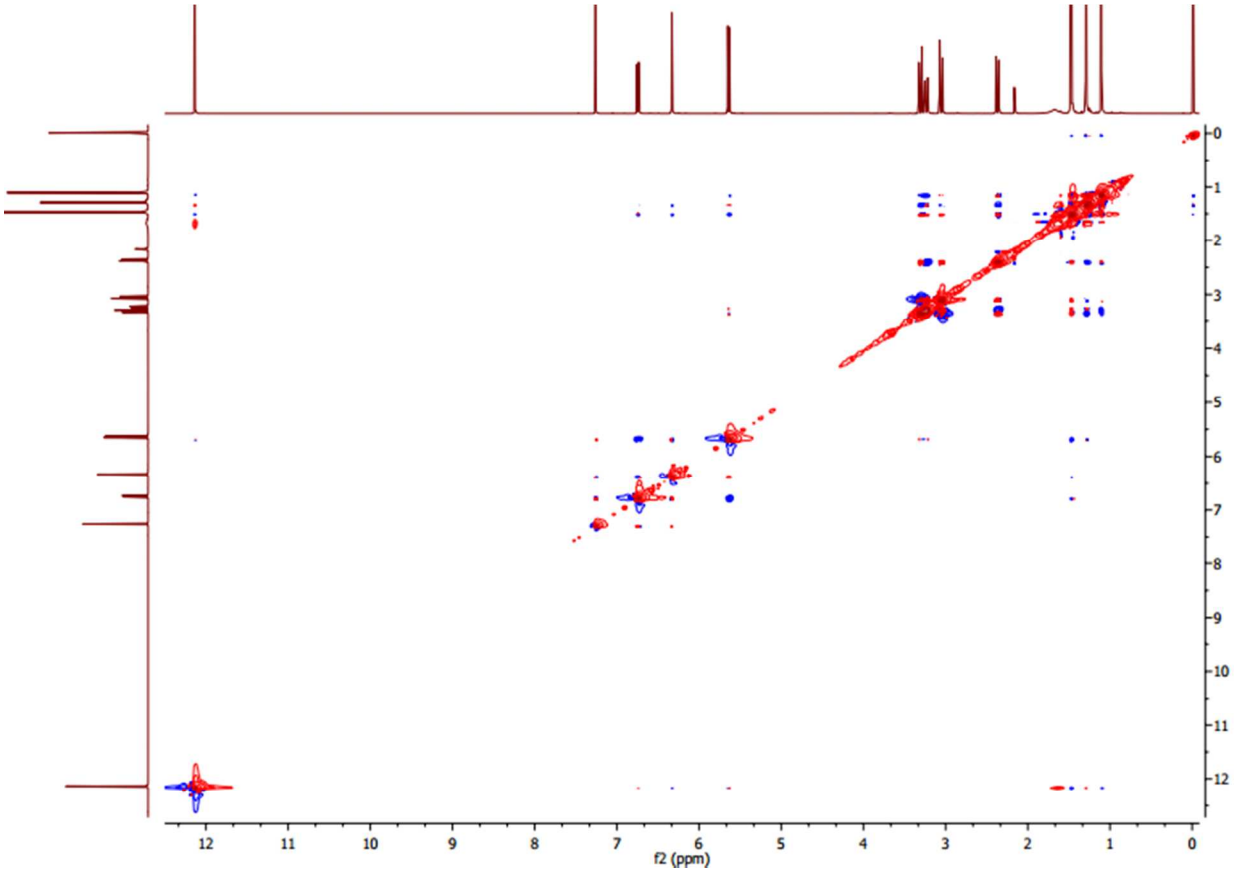

Fig. 46S NOESY spectrum of compound **6** ($CDCl_3$)

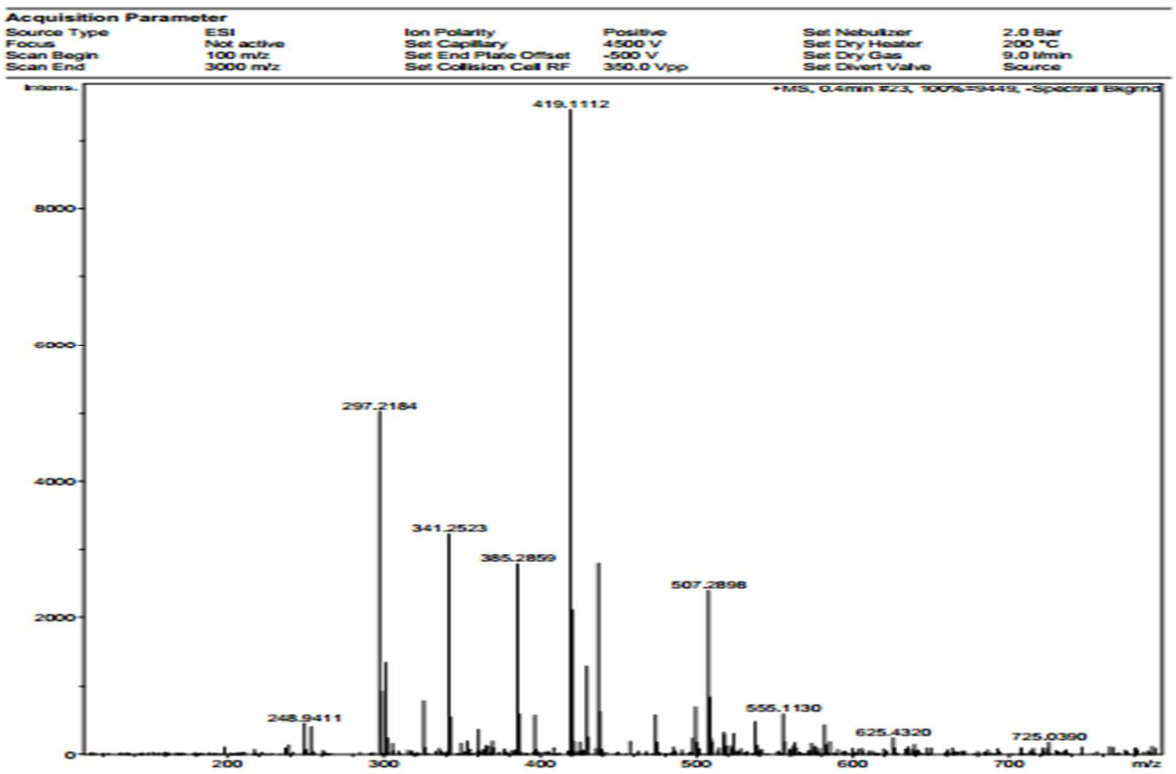

Fig. 47S MS spectrum of compound **6**

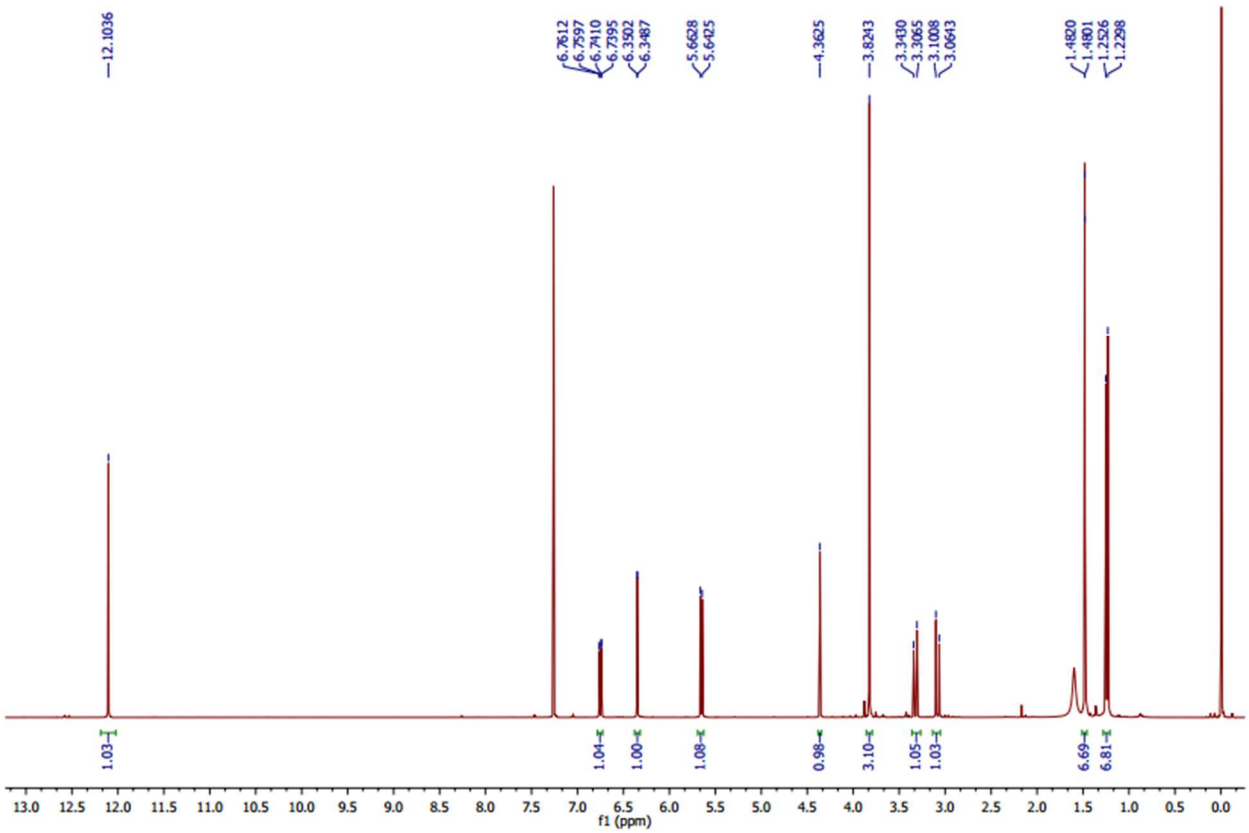

Fig. 48S ^{1}H NMR spectrum of compound **7** ($CDCl_3$, 500 MHz)

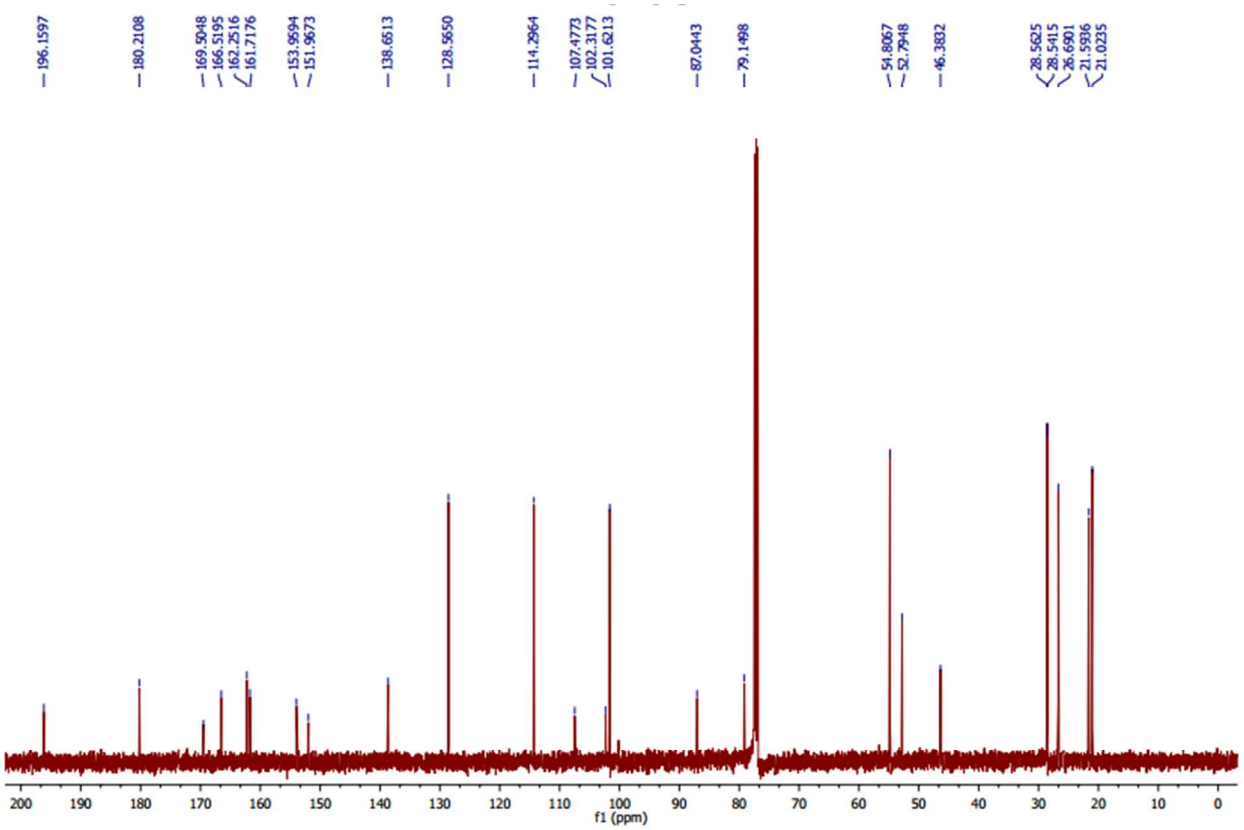

Fig. 59S ^{13}C NMR spectrum of compound **7** ($CDCl_3$, 125 MHz)

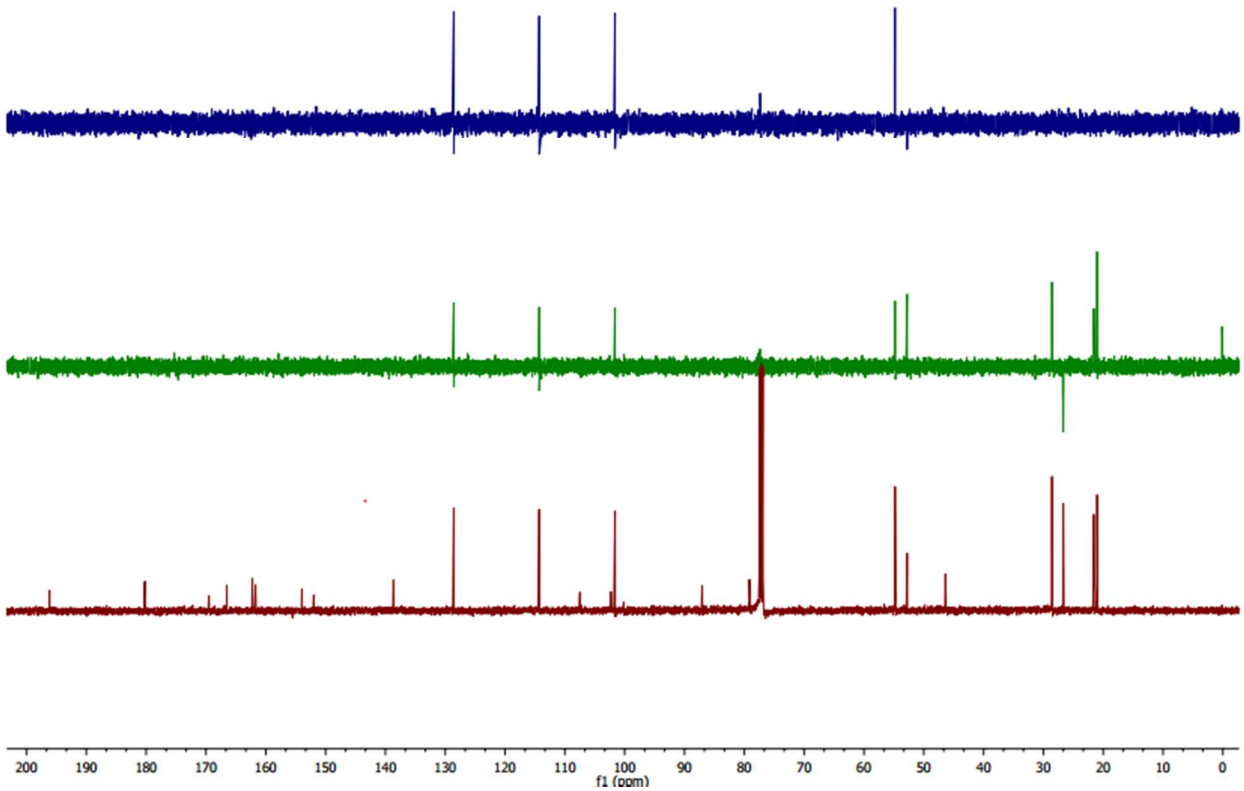

Fig. 50S DEPT spectrum of compound **7** ($CDCl_3$)

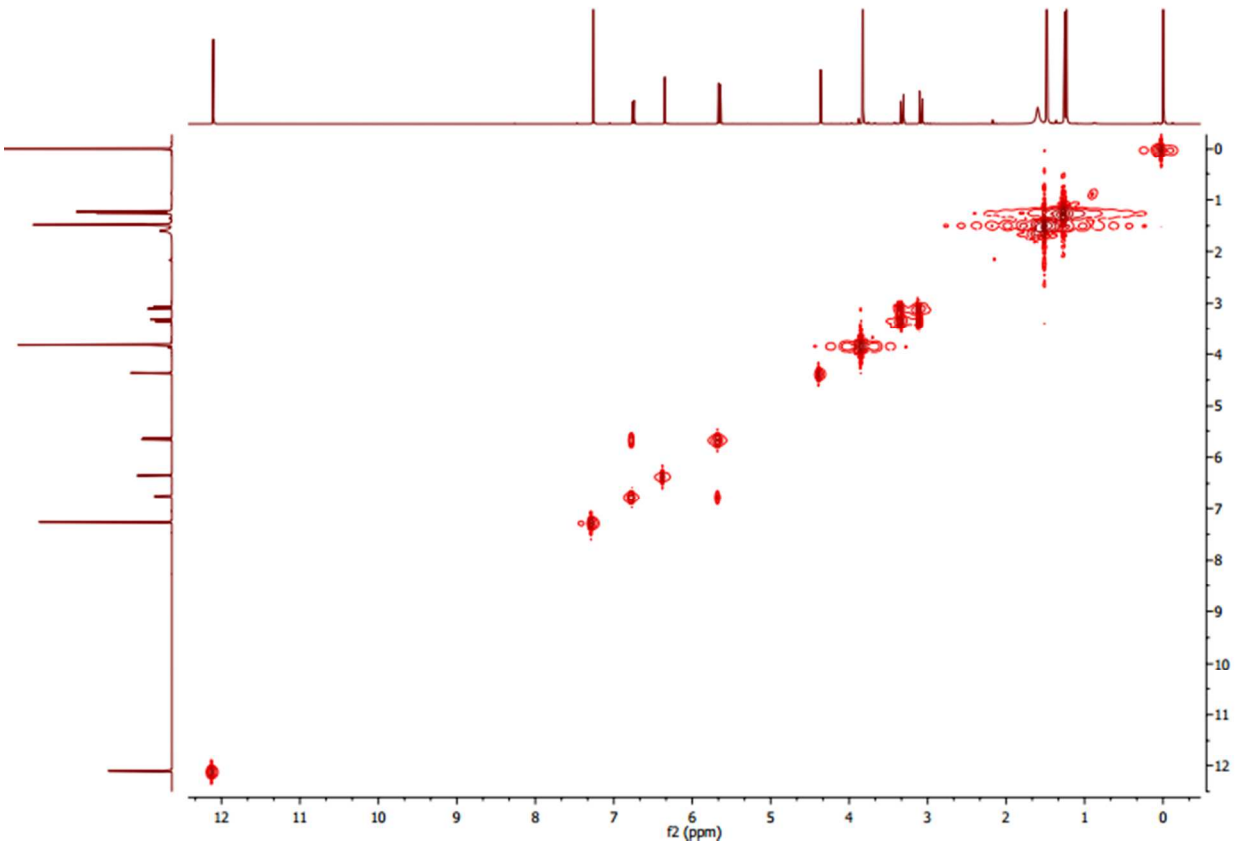

Fig. 51S COSY spectrum of compound **7** ($CDCl_3$)

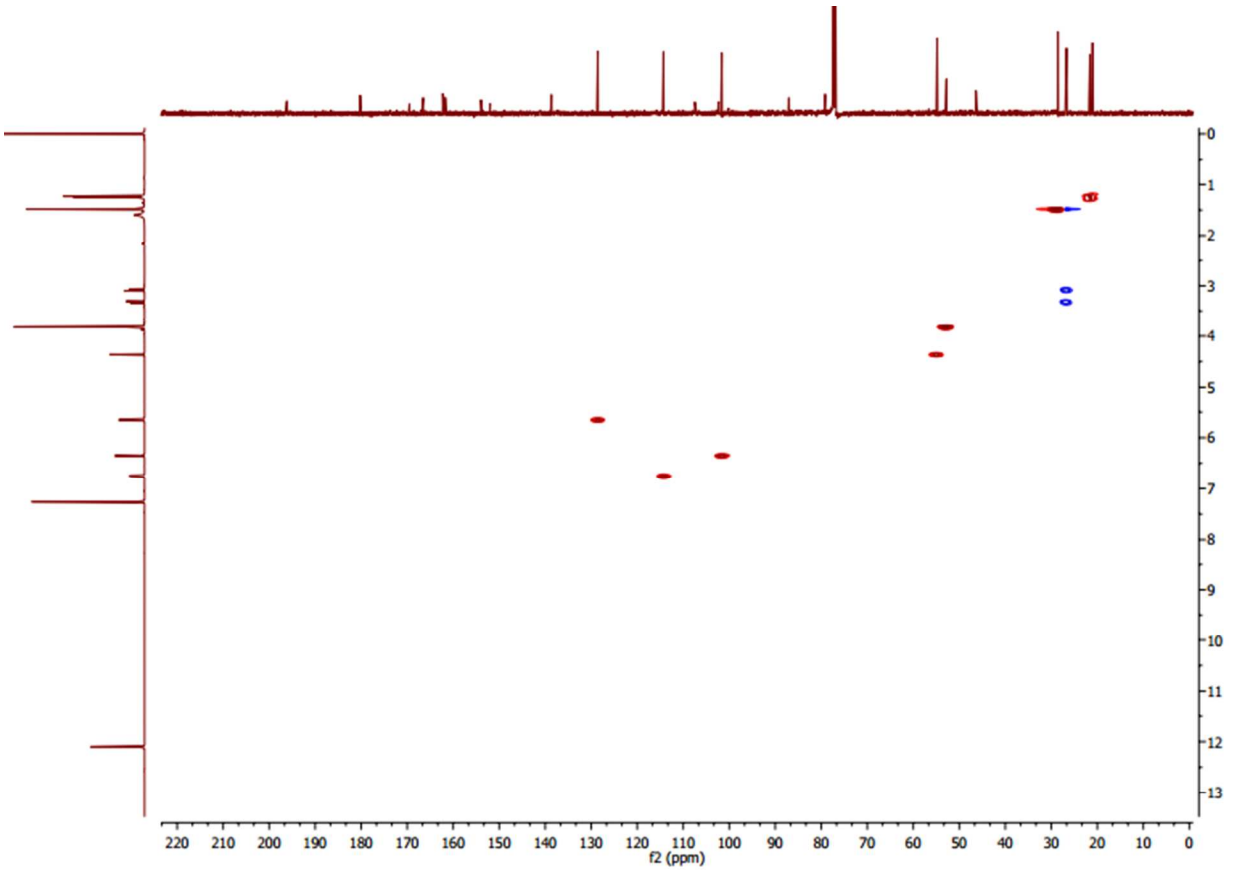

Fig. 52S HSQC spectrum of compound **7** ($CDCl_3$)

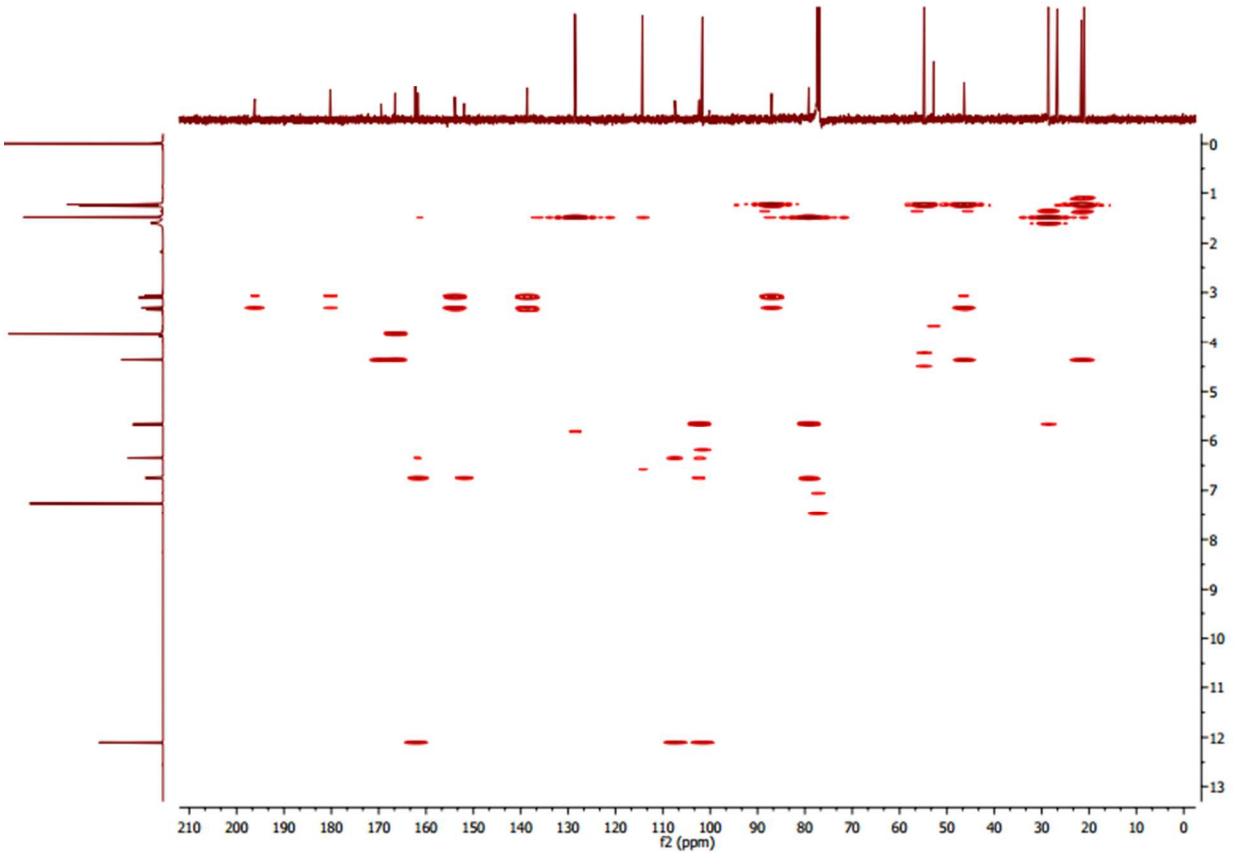

Fig. 53S HMBC spectrum of compound **7** ($CDCl_3$)

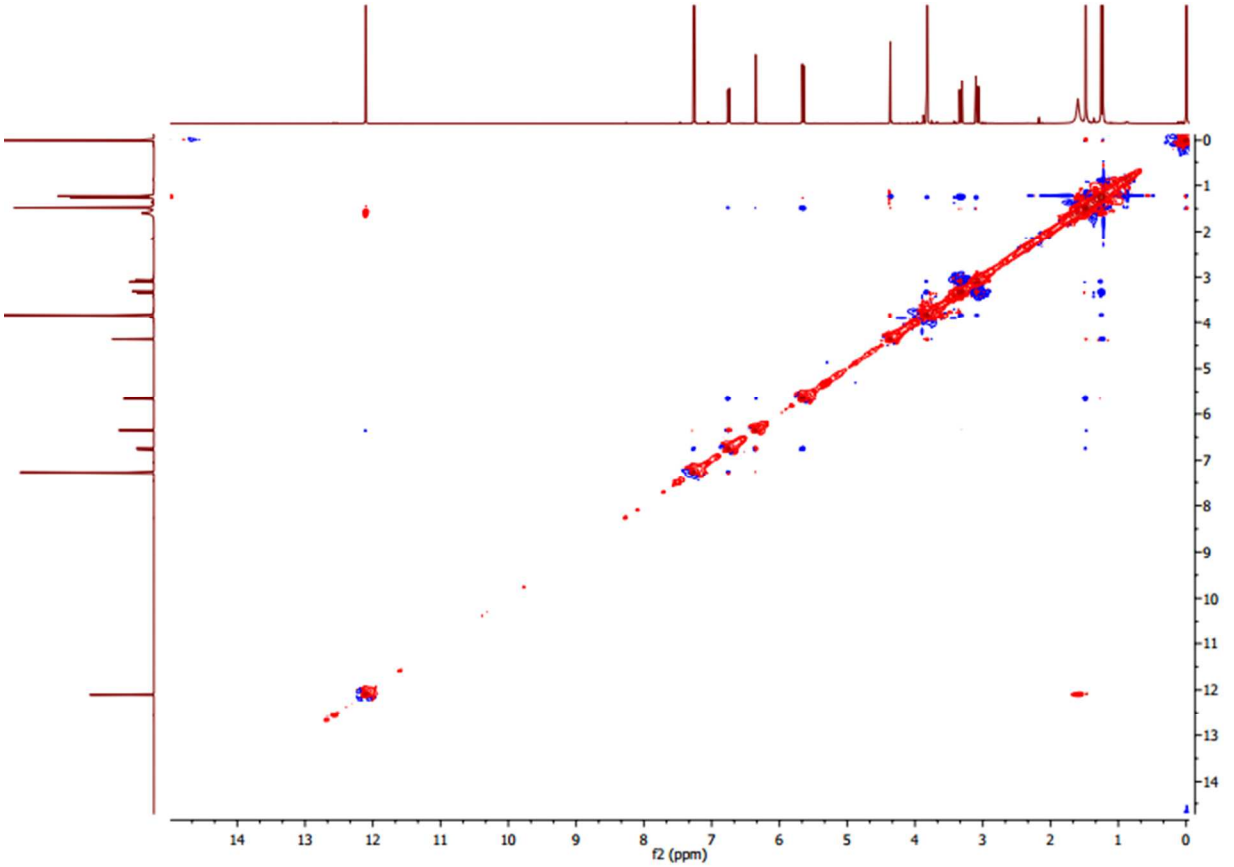

Fig. 54S NOESY spectrum of compound **7** ($CDCl_3$)

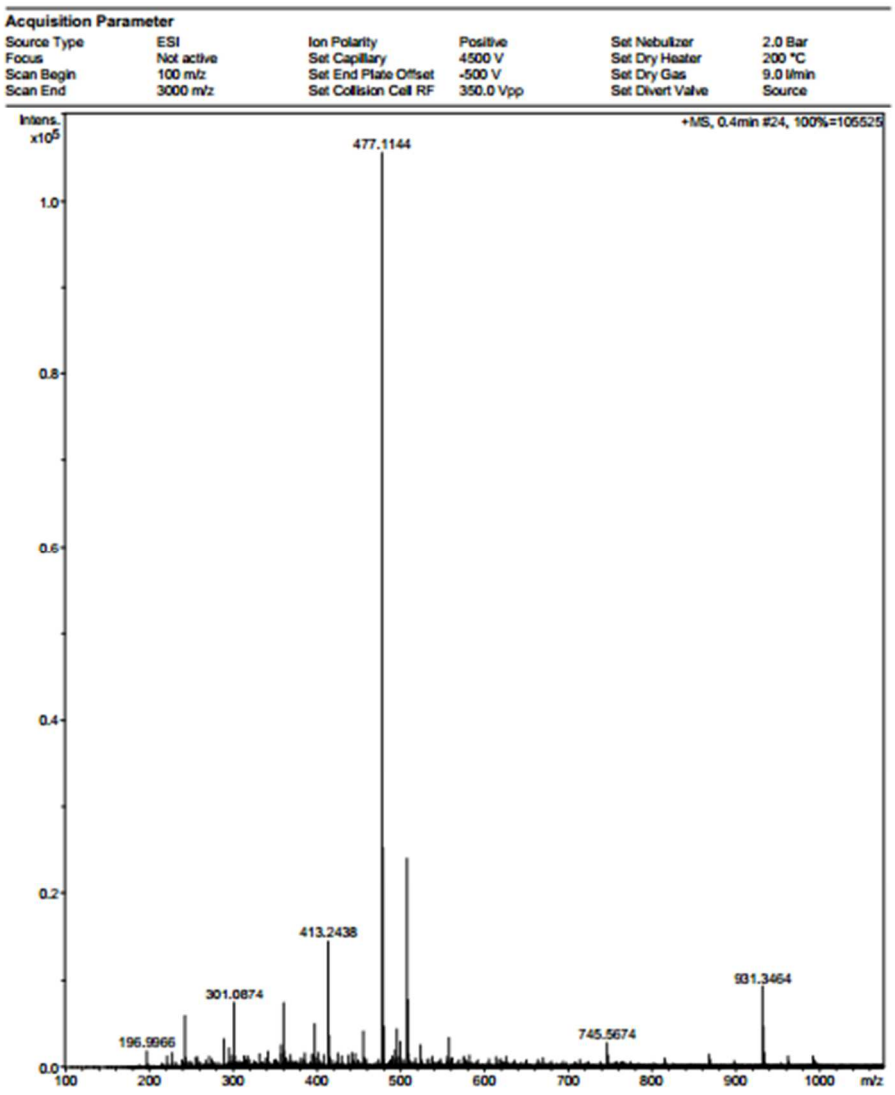

Fig. 55S MS spectrum of compound **7**