

Supporting Information

Figure S1	¹ H-NMR (600 MHz, CDCL ₃) spectrum of 1	2
Figure S2	¹³ C-APT (150 MHz, CDCL ₃) spectrum of 1	2
Figure S3	¹ H - ¹ H COSY (CDCL ₃) spectrum of 1	3
Figure S4	HSQC (CDCL ₃) spectrum of 1	3
Figure S5	NOESY (CDCL ₃) spectrum of 1	4
Figure S6	HMBC (CDCL ₃) spectrum of 1	4
Figure S7	¹ H-NMR (600 MHz, CDCL ₃) spectrum of 2	5
Figure S8	¹³ C-APT (150 MHz, CDCL ₃) spectrum of 2	5
Figure S9	¹ H - ¹ H COSY (CDCL ₃) spectrum of 2	6
Figure S10	HSQC (CDCL ₃) spectrum of 2	6
Figure S11	NOESY (CDCL ₃) spectrum of 2	7
Figure S12	HMBC (CDCL ₃) spectrum of 2	7
Figure S13	¹ H-NMR (600 MHz, CDCL ₃) spectrum of 3	8
Figure S14	¹³ C-APT (150 MHz, CDCL ₃) spectrum of 3	8
Figure S15	¹ H - ¹ H COSY (CDCL ₃) spectrum of 3	9
Figure S16	HSQC (CDCL ₃) spectrum of 3	9
Figure S17	NOESY (CDCL ₃) spectrum of 3	10
Figure S18	HMBC (CDCL ₃) spectrum of 3	10
Figure S19	¹ H-NMR (600 MHz, CDCL ₃) spectrum of 4	11
Figure S20	¹³ C-APT (150 MHz, CDCL ₃) spectrum of 4	11
Figure S21	¹ H - ¹ H COSY (CDCL ₃) spectrum of 4	12
Figure S22	HSQC (CDCL ₃) spectrum of 4	12
Figure S23	NOESY (CDCL ₃) spectrum of 4	13
Figure S24	HMBC (CDCL ₃) spectrum of 4	13
Figure S25	¹ H-NMR (600 MHz, CDCL ₃) spectrum of 5	14
Figure S26	¹³ C-APT (150 MHz, CDCL ₃) spectrum of 5	14
Figure S27	¹ H - ¹ H COSY (CDCL ₃) spectrum of 5	15
Figure S28	HSQC (CDCL ₃) spectrum of 5	15
Figure S29	NOESY (CDCL ₃) spectrum of 5	16
Figure S30	HMBC (CDCL ₃) spectrum of 5	16
Figure S31	Experimental and calculated ECD spectra of 2	17
Figure S32	Experimental and calculated ECD spectra of 3	17
Figure S33	Experimental and calculated ECD spectra of 4	18
Figure S34	Experimental and calculated ECD spectra of 5	18

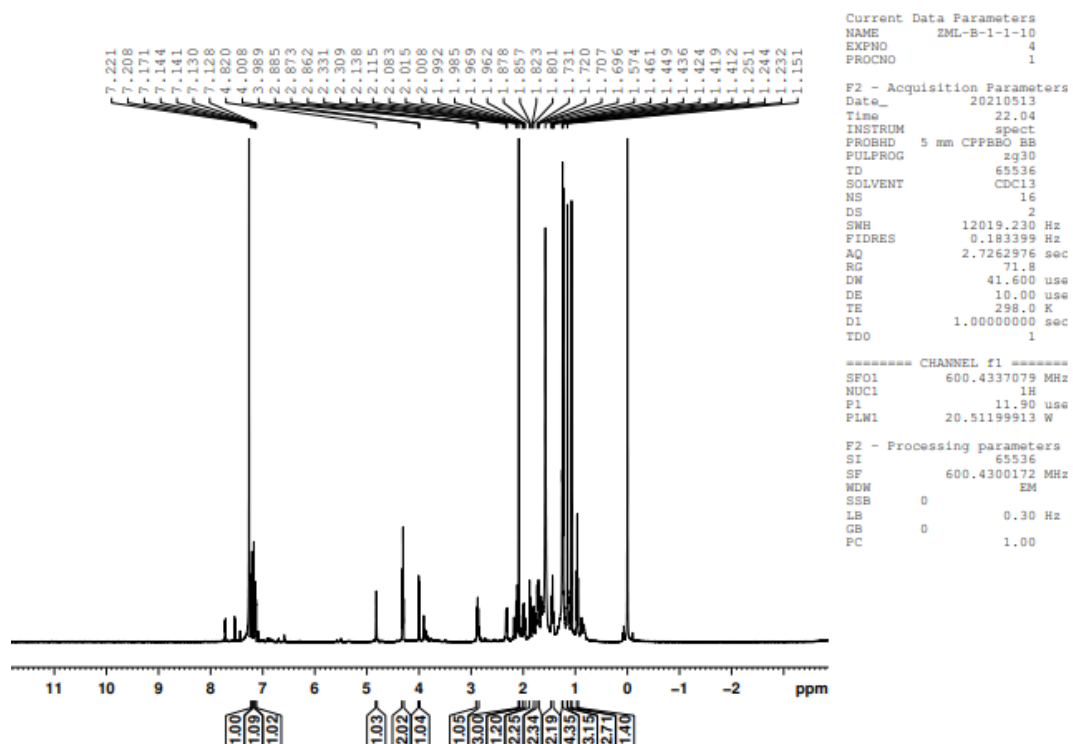


Figure S1 ^1H -NMR (600 MHz, CDCl_3) spectrum of 1

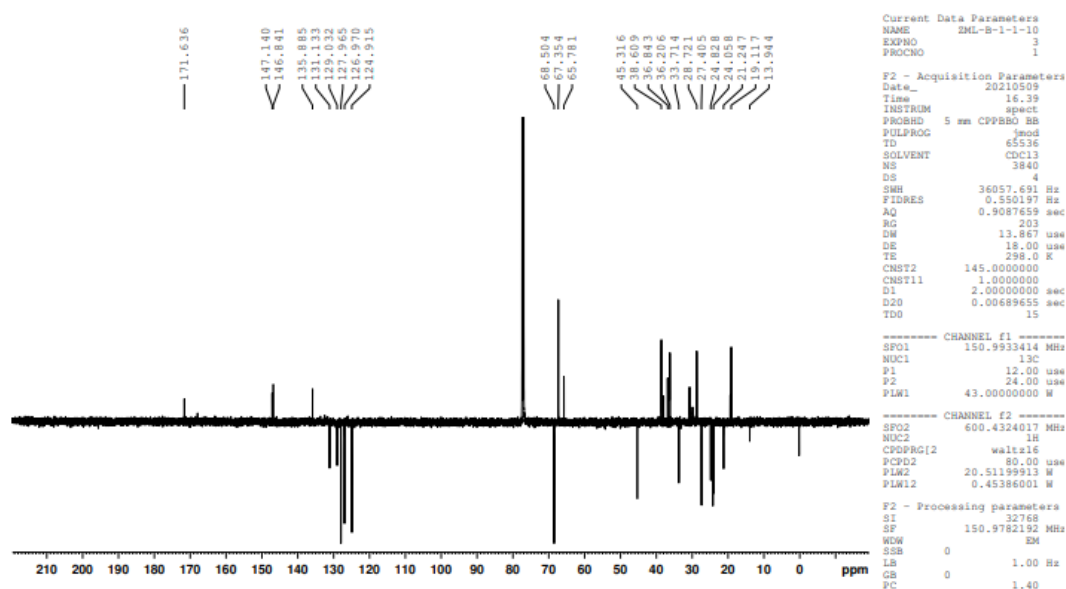


Figure S2 ^{13}C -APT (150 MHz, CDCl_3) spectrum of 1

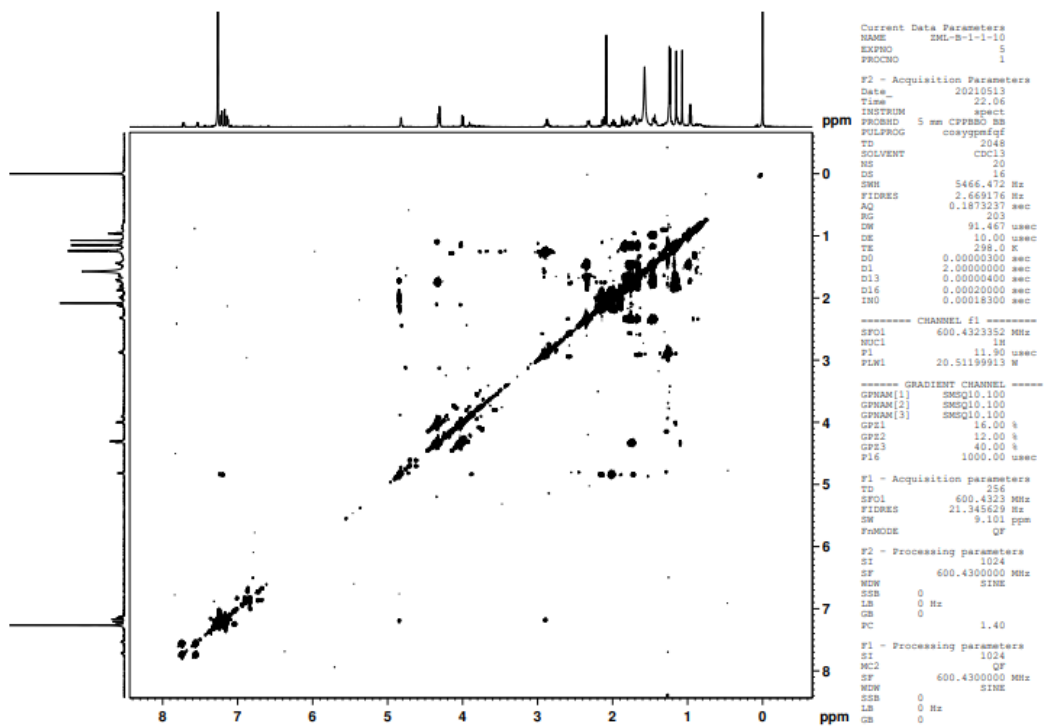


Figure S3 ^1H - ^1H COSY (CDCl_3) spectrum of **1**

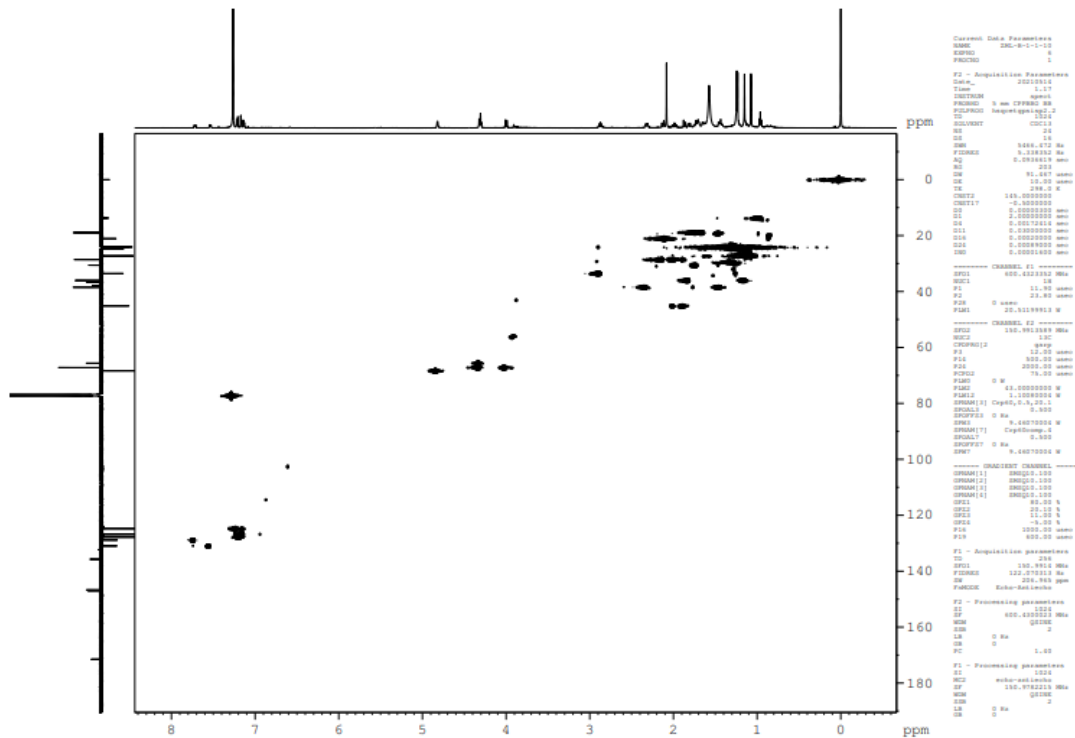


Figure S4 HSQC (CDCl_3) spectrum of **1**

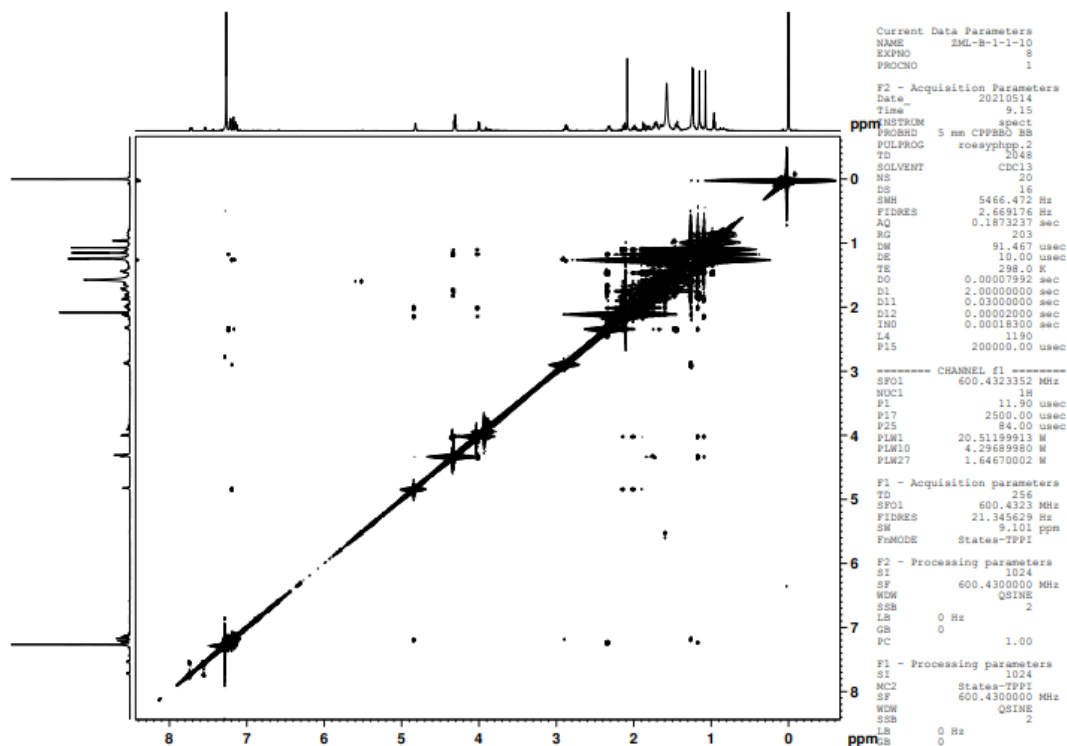


Figure S5 NOESY (CDCl₃) spectrum of **1**

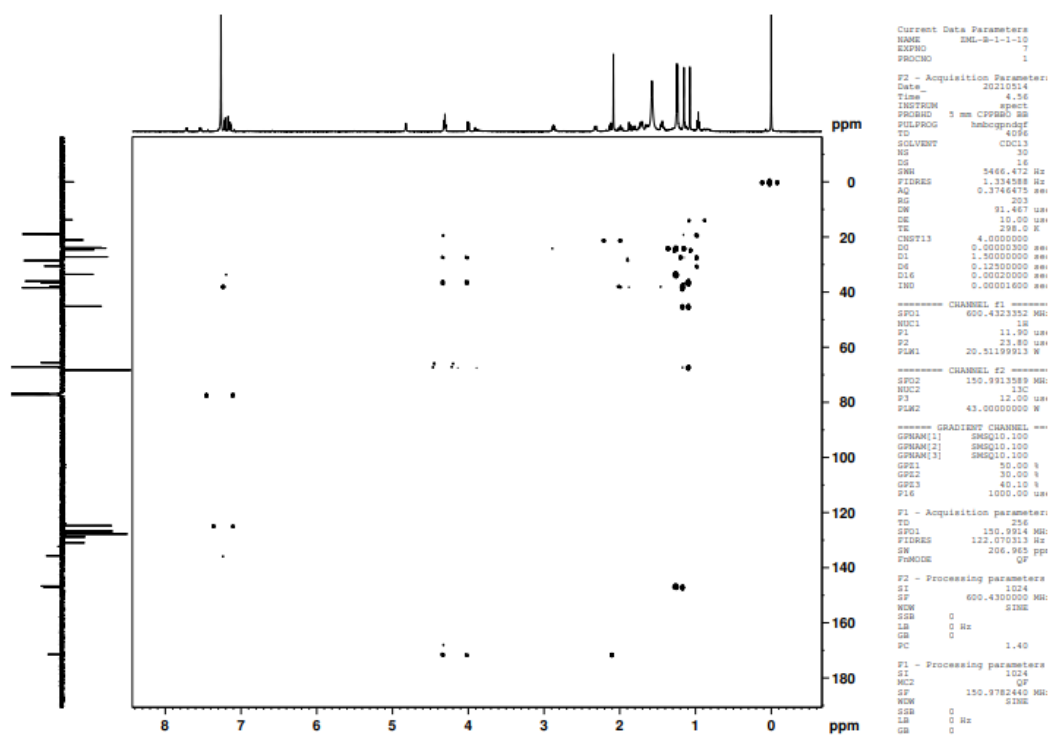


Figure S6 HMBC (CDCl₃) spectrum of **1**

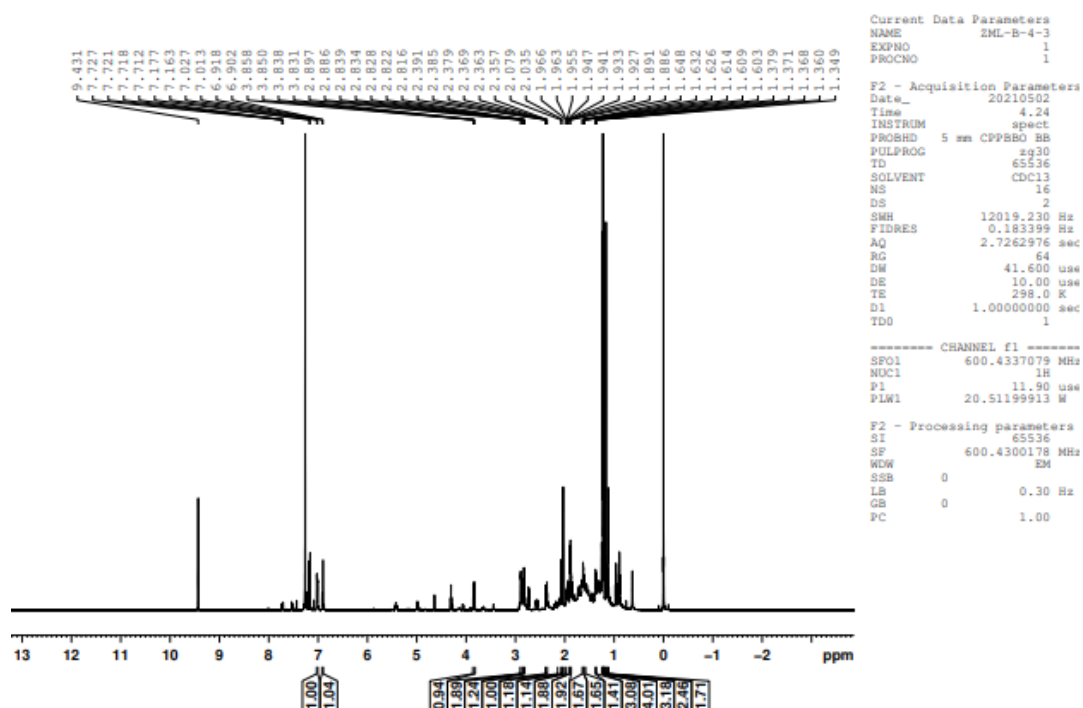


Figure S7 ^1H -NMR (600 MHz, CDCl_3) spectrum of **2**

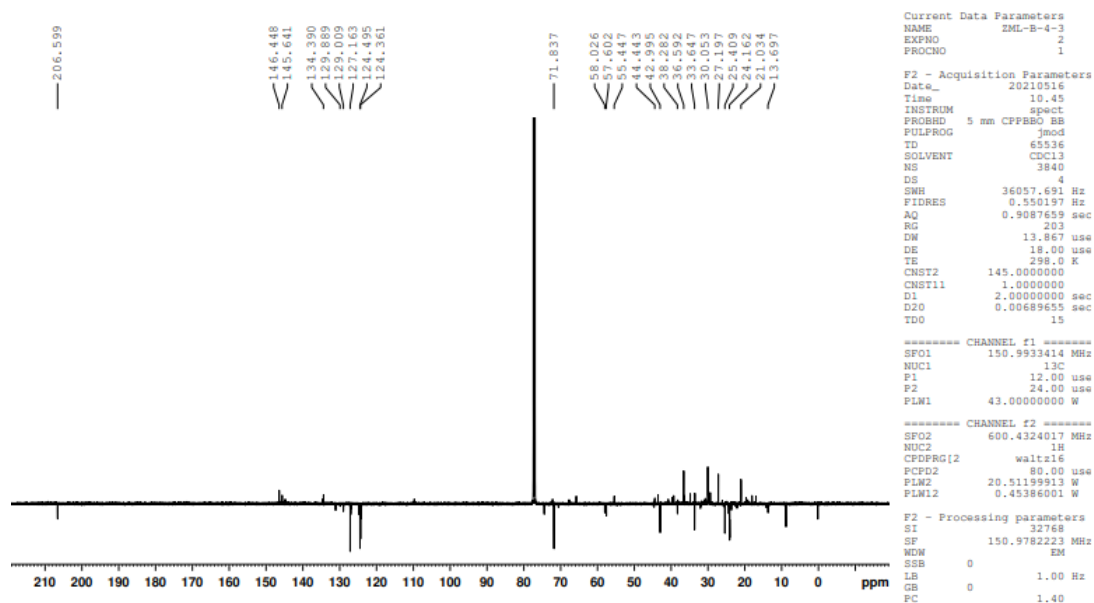


Figure S8 ^{13}C -APT (150 MHz, CDCl_3) spectrum of **2**

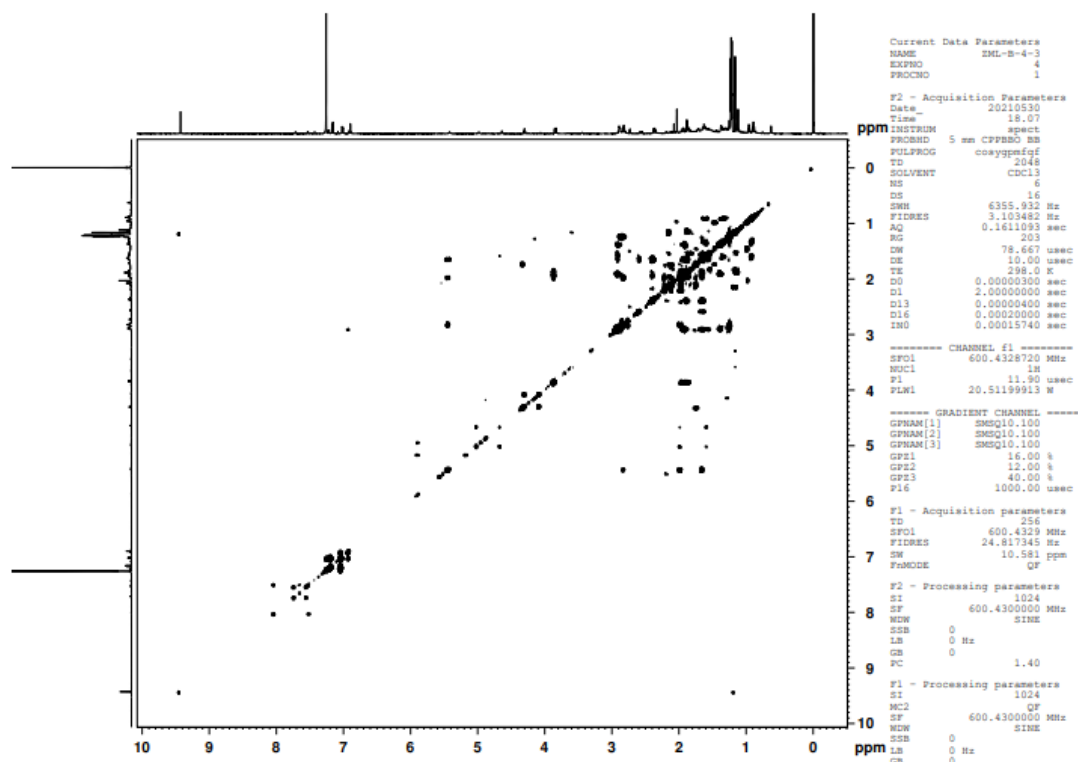


Figure S9 ^1H - ^1H COSY (CDCl_3) spectrum of 2

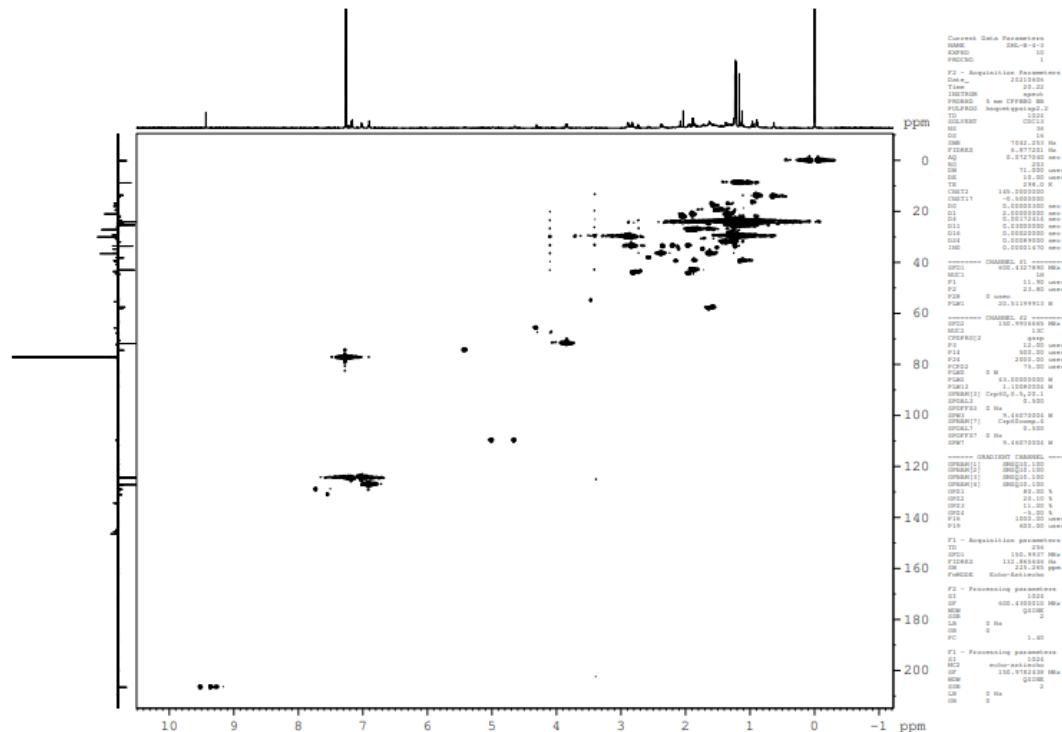


Figure S10 HSQC (CDCl_3) spectrum of 2

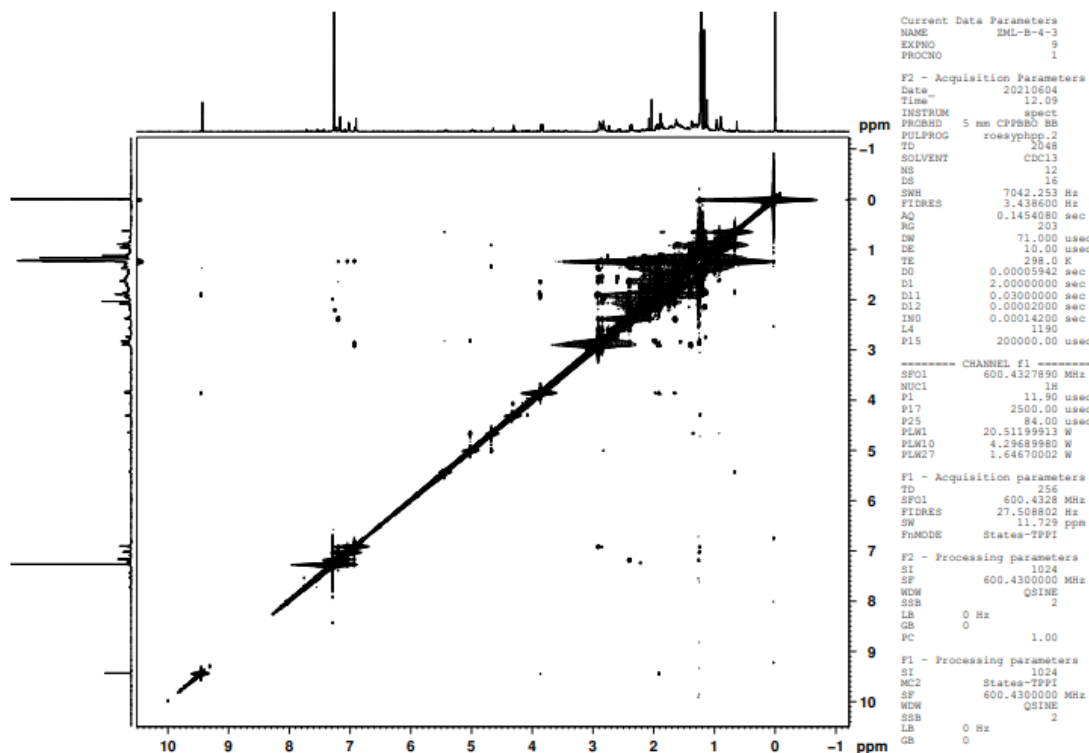


Figure S11 NOESY (CDCl₃) spectrum of **2**

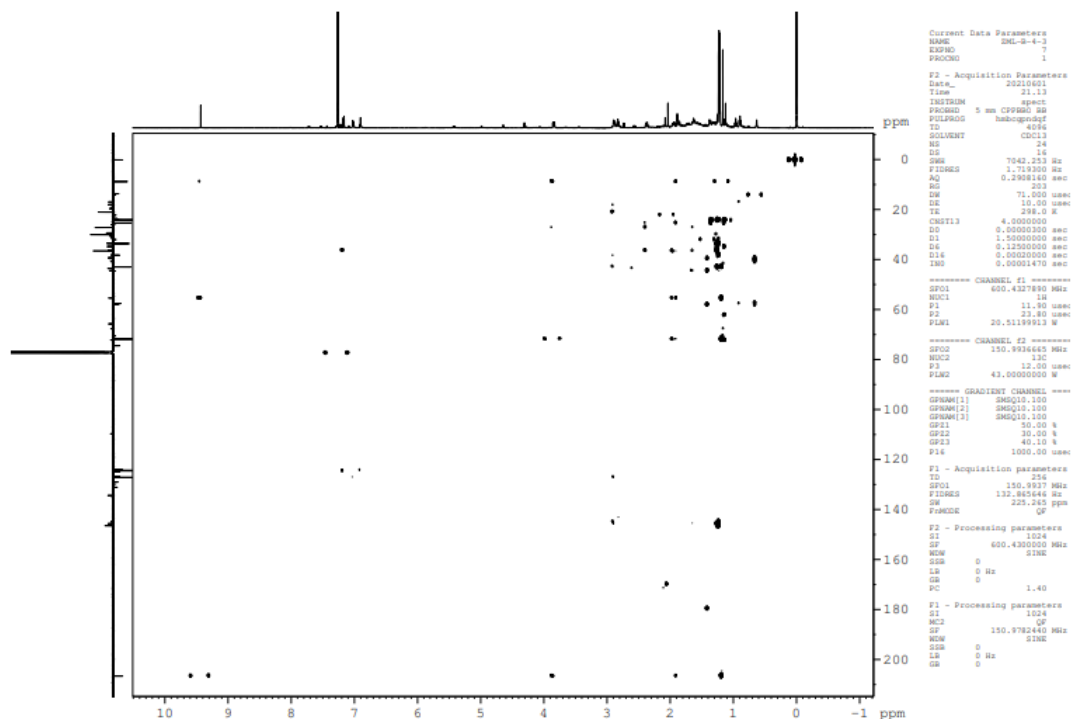


Figure S12 HMBC (CDCl₃) spectrum of **2**

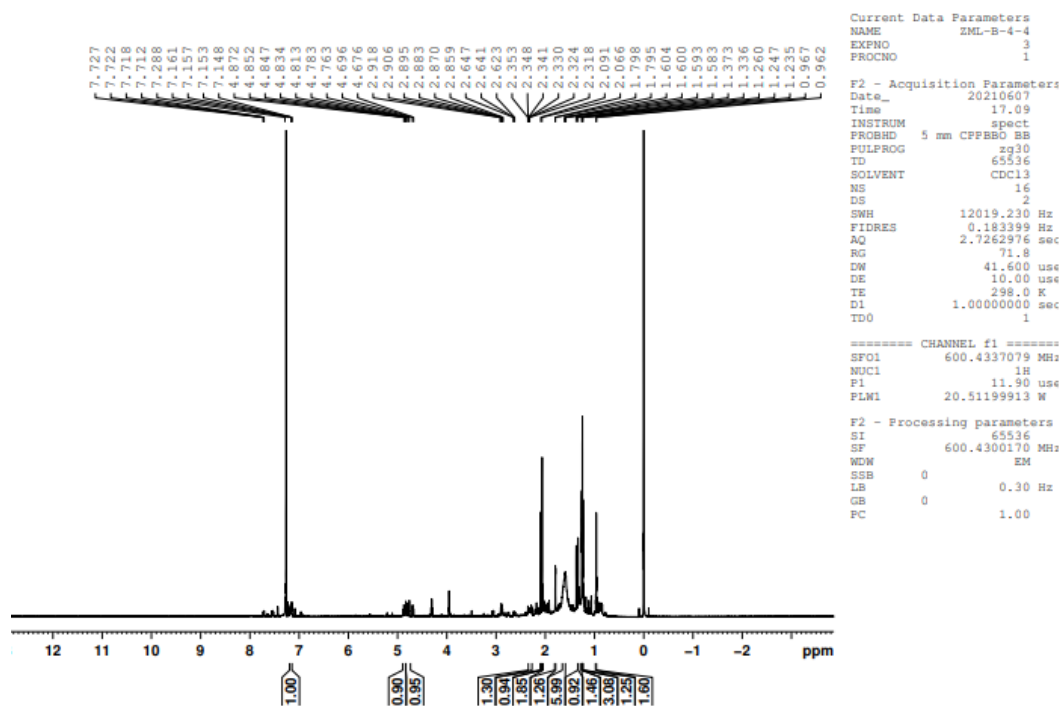


Figure S13 ^1H -NMR (600 MHz, CDCl_3) spectrum of **3**

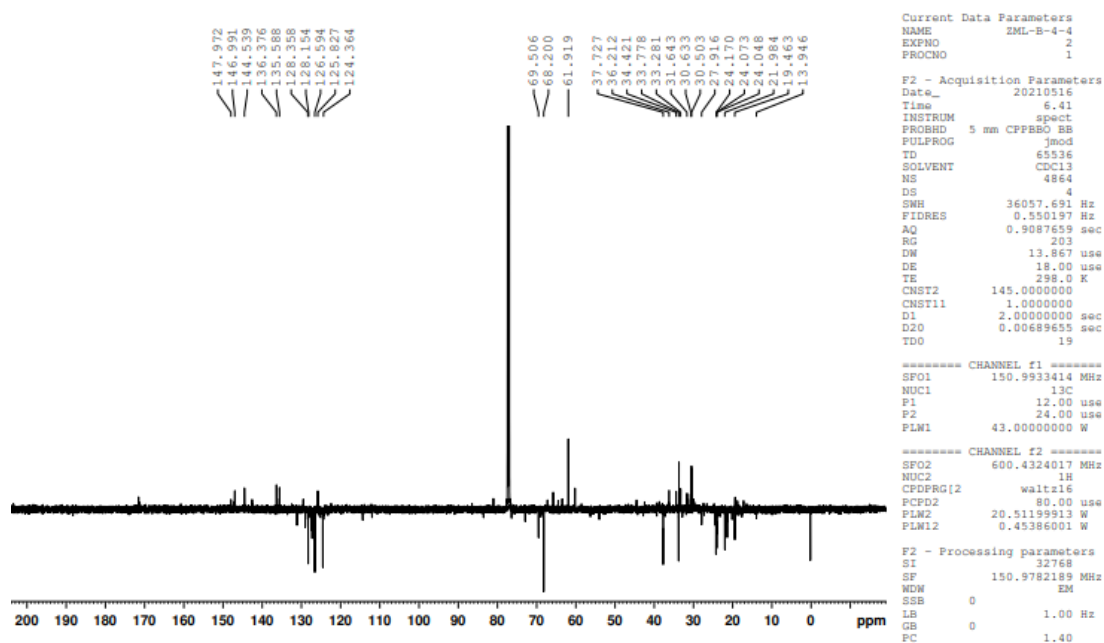


Figure S14 ^{13}C -APT (150 MHz, CDCl_3) spectrum of **3**

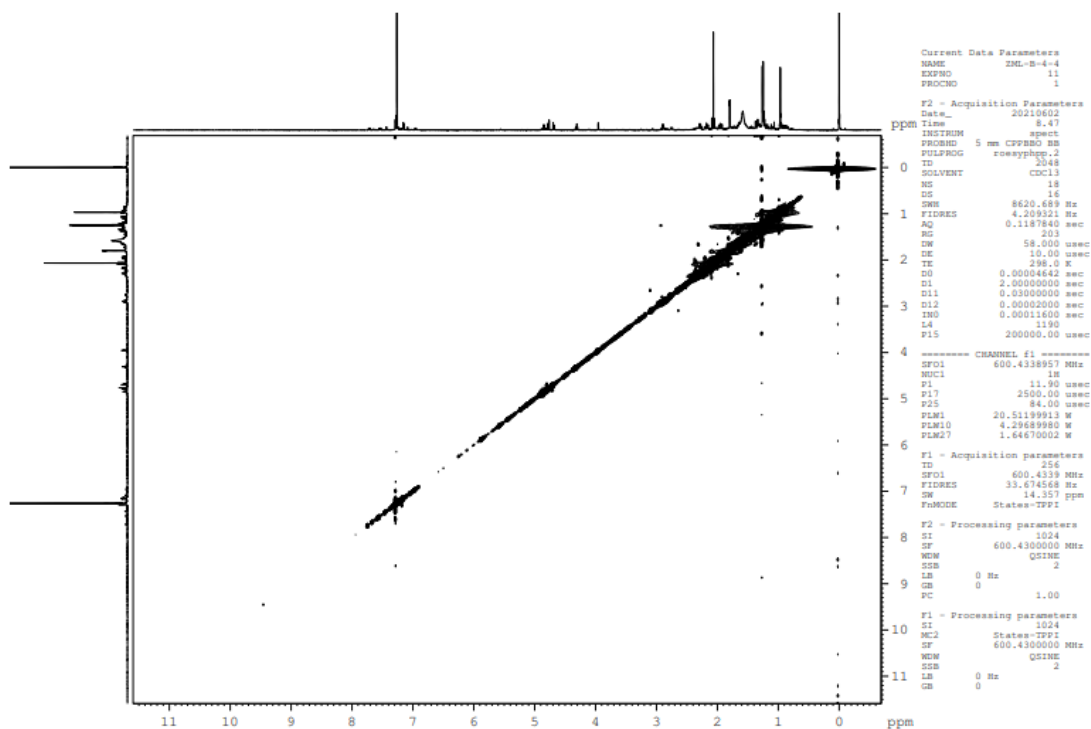


Figure S17 NOESY (CDCL₃) spectrum of **3**

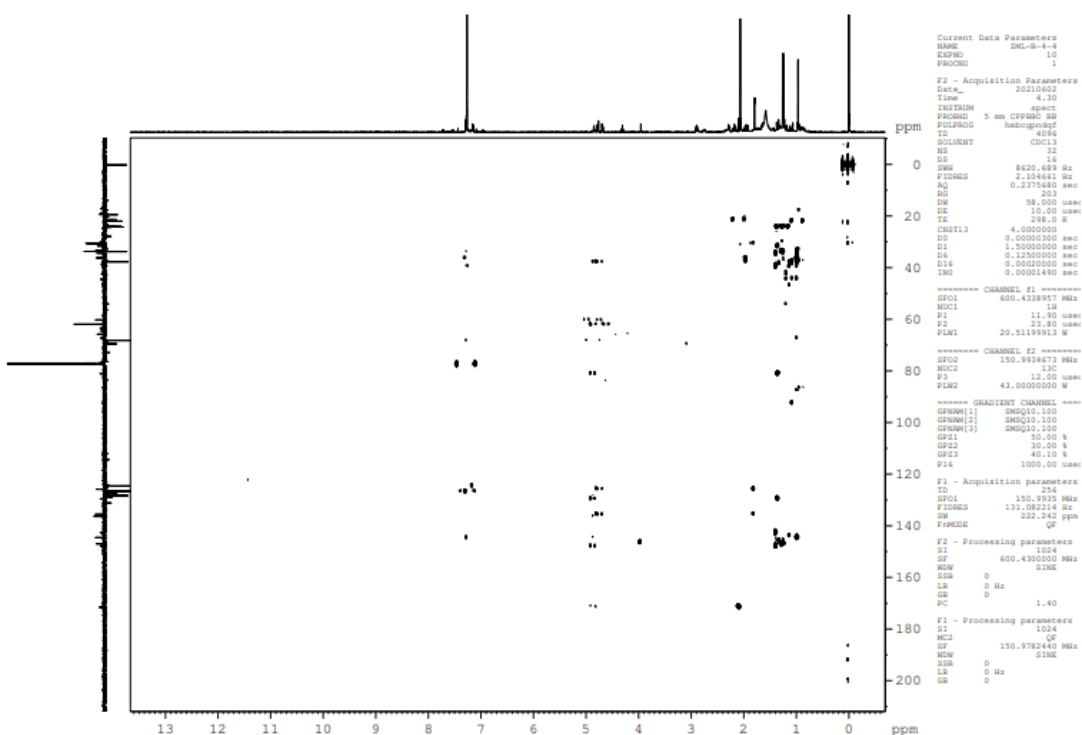


Figure S18 HMBC (CDCL₃) spectrum of **3**

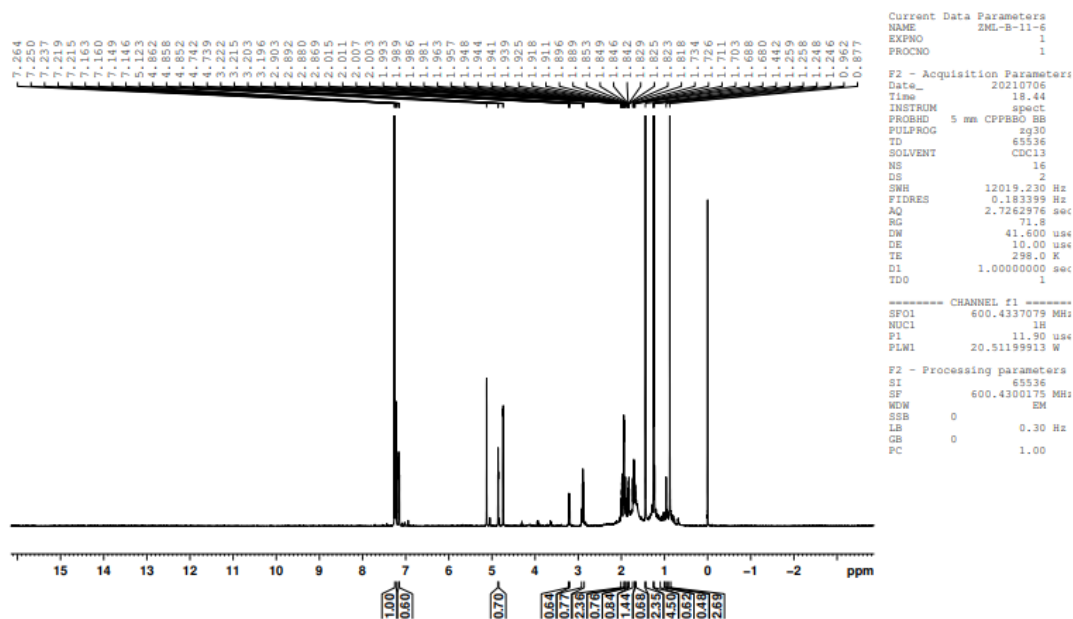


Figure S19 ^1H -NMR (600 MHz, CDCl_3) spectrum of **4**

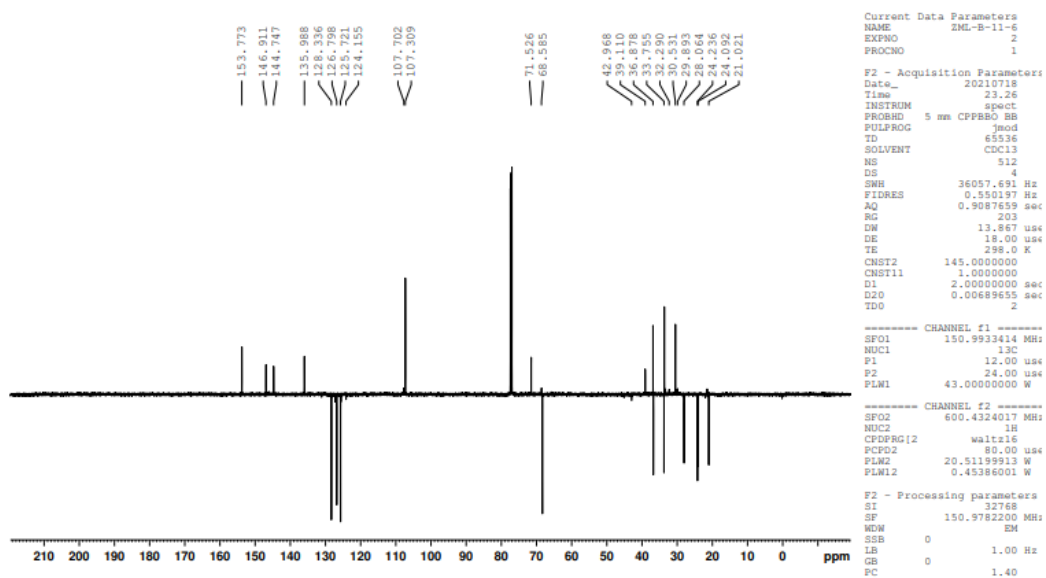


Figure S20 ^{13}C -APT (150 MHz, CDCl_3) spectrum of **4**

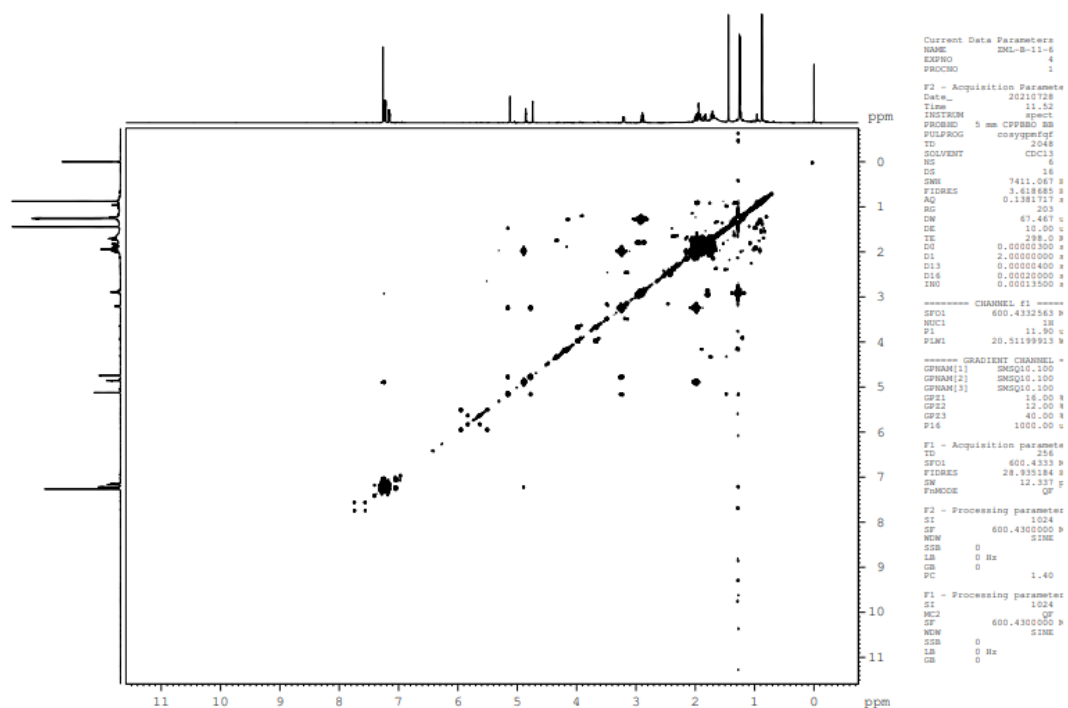


Figure S21 ^1H - ^1H COSY (CDCl_3) spectrum of **4**

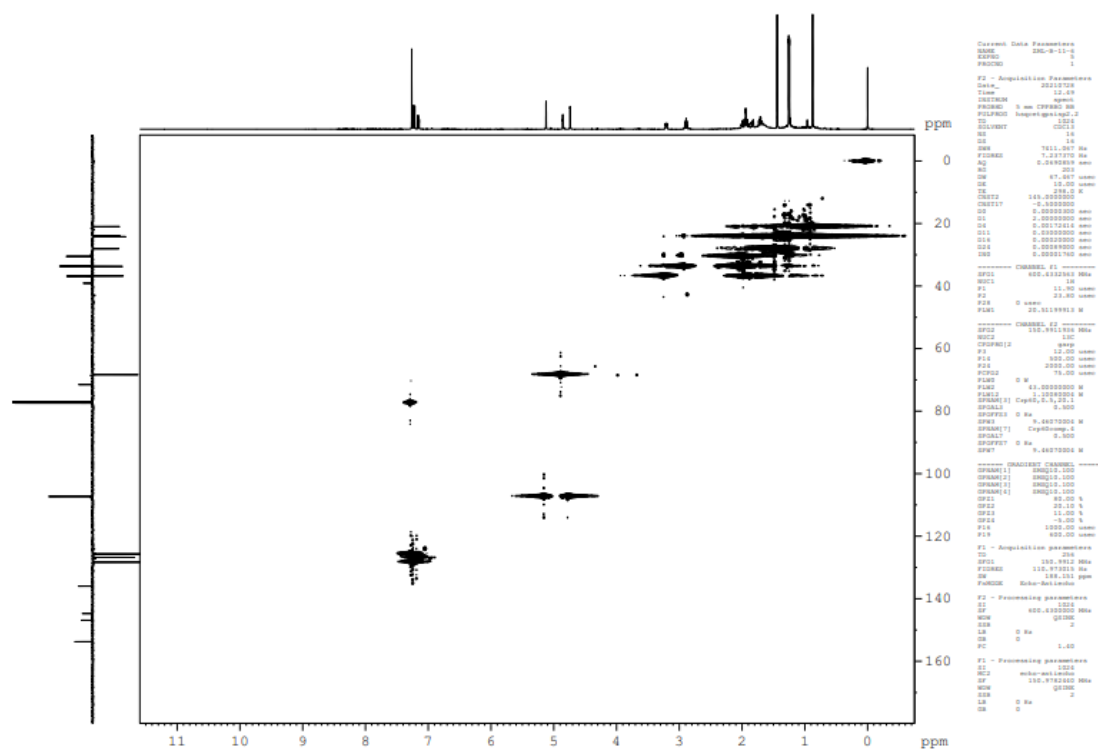


Figure S22 HSQC (CDCl_3) spectrum of **4**

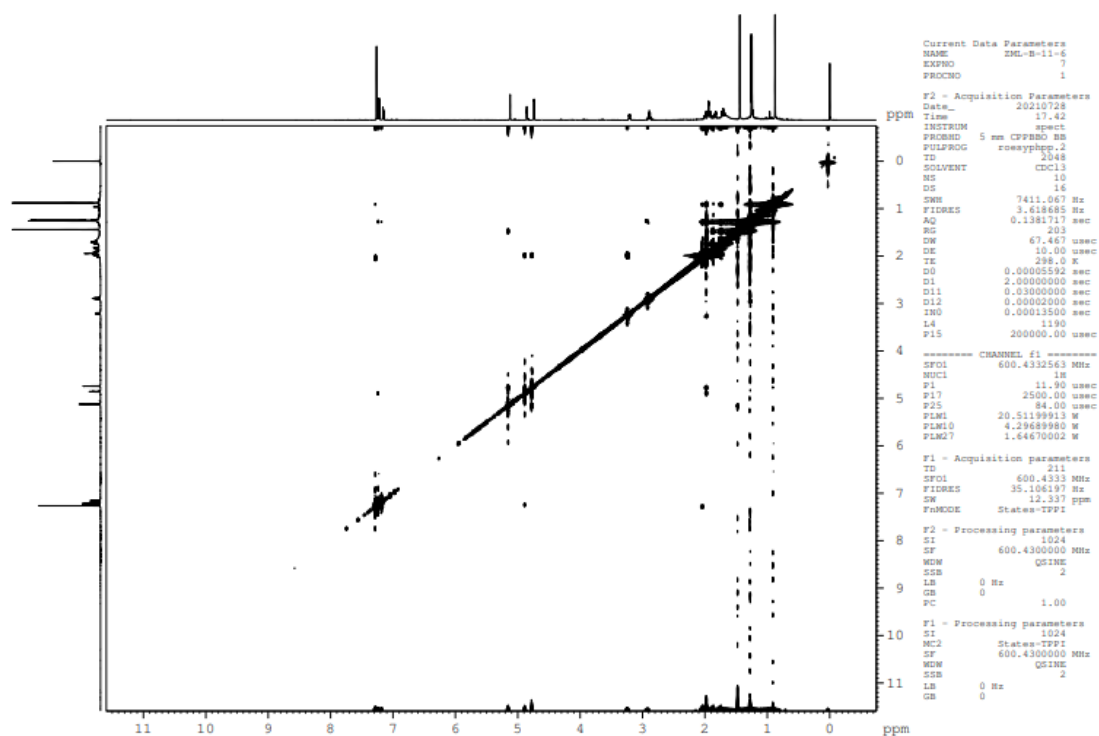


Figure S23 NOESY (CDCl₃) spectrum of 4

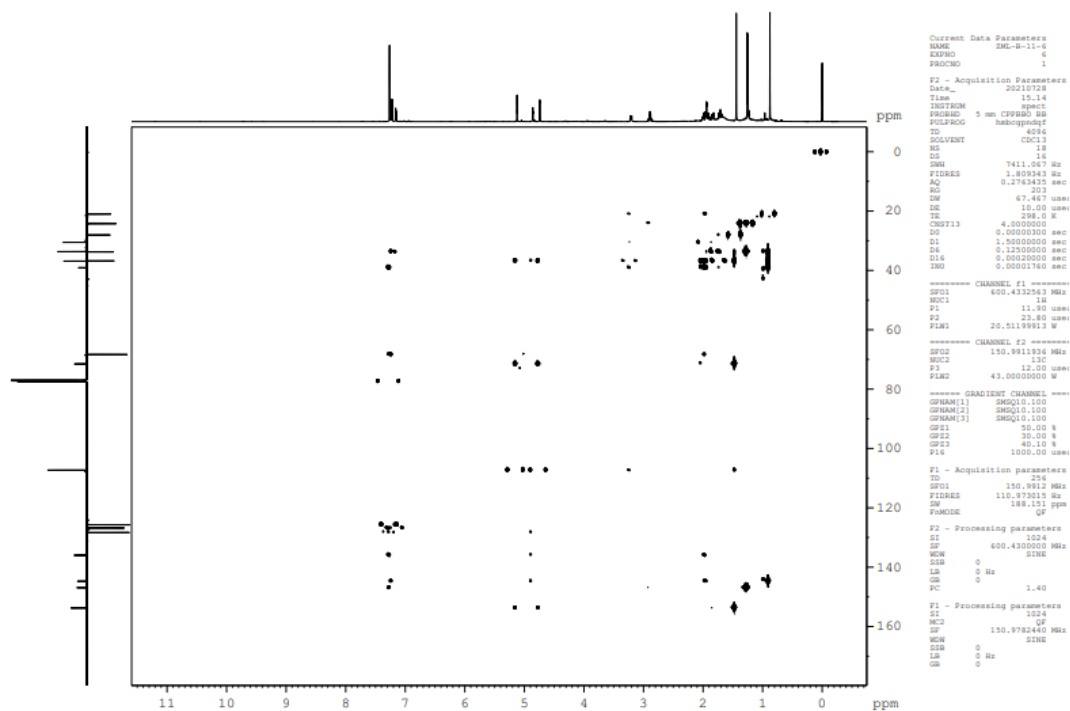


Figure S24 HMBC (CDCl₃) spectrum of 4

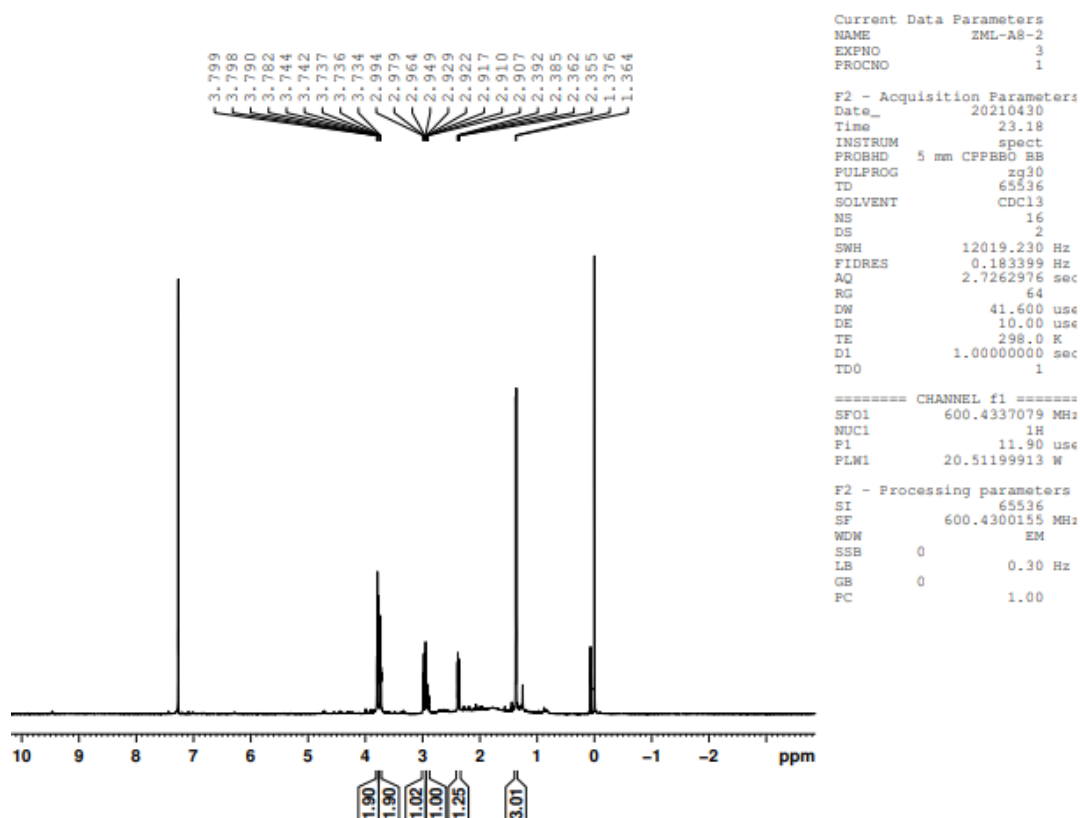


Figure S25 ^1H -NMR (600 MHz, CDCl_3) spectrum of **5**

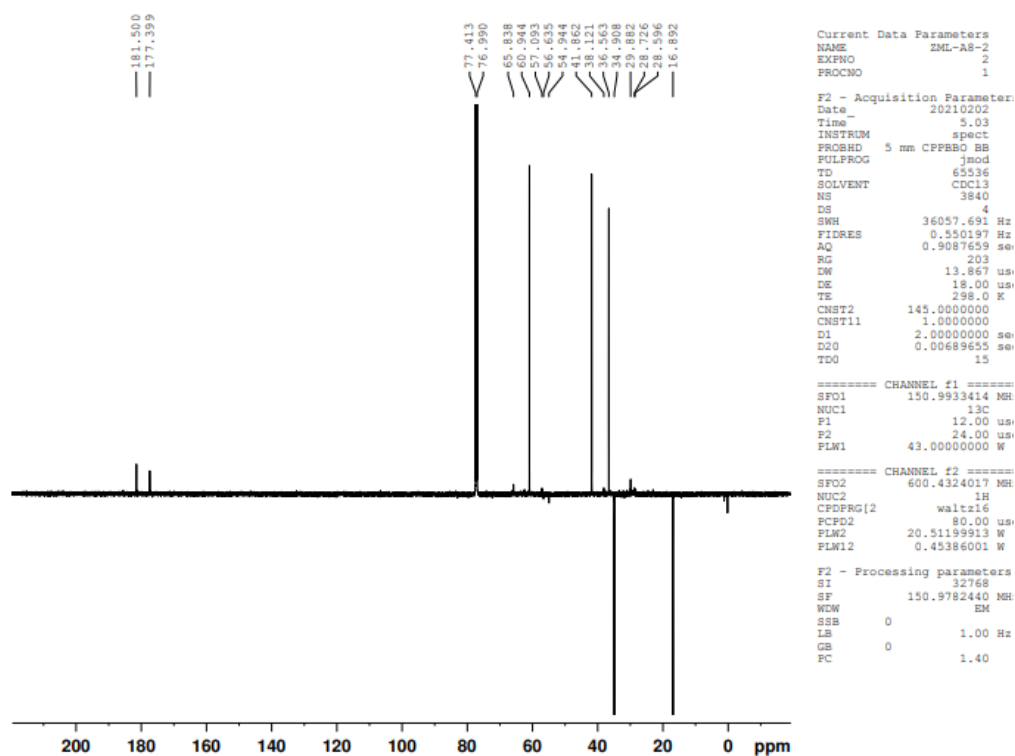


Figure S26 ^{13}C -APT (150 MHz, CDCl_3) spectrum of **5**

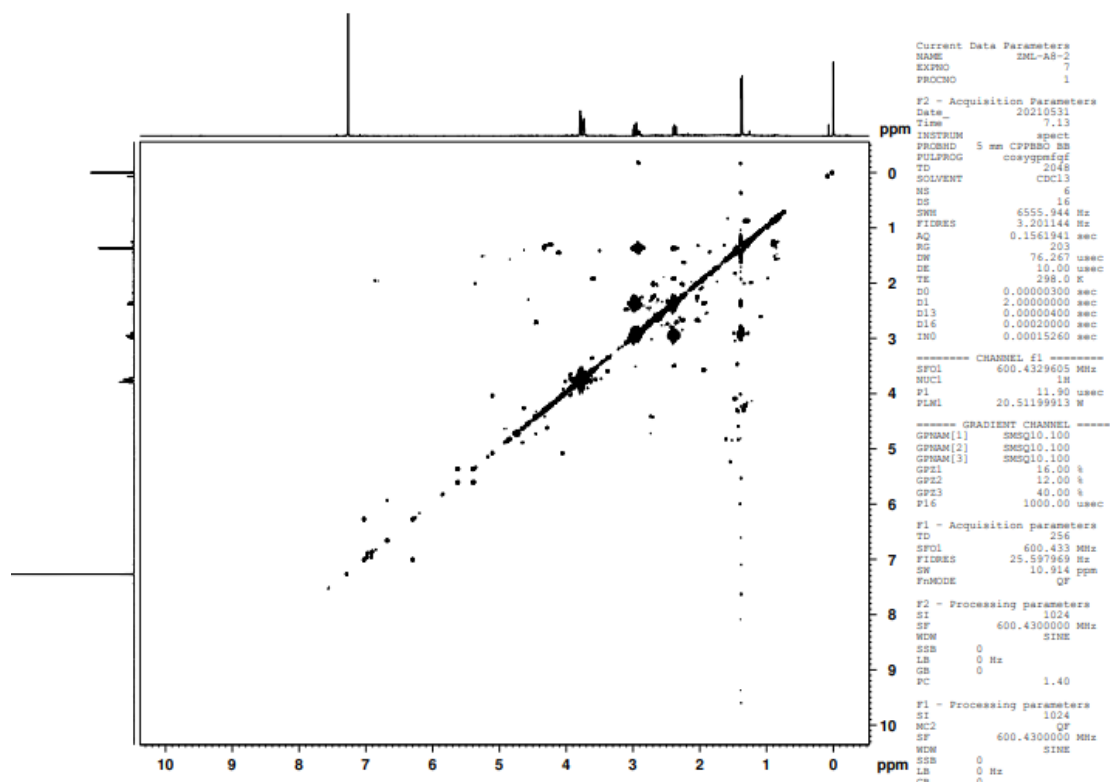


Figure S27 ^1H - ^1H COSY (CDCl_3) spectrum of **5**

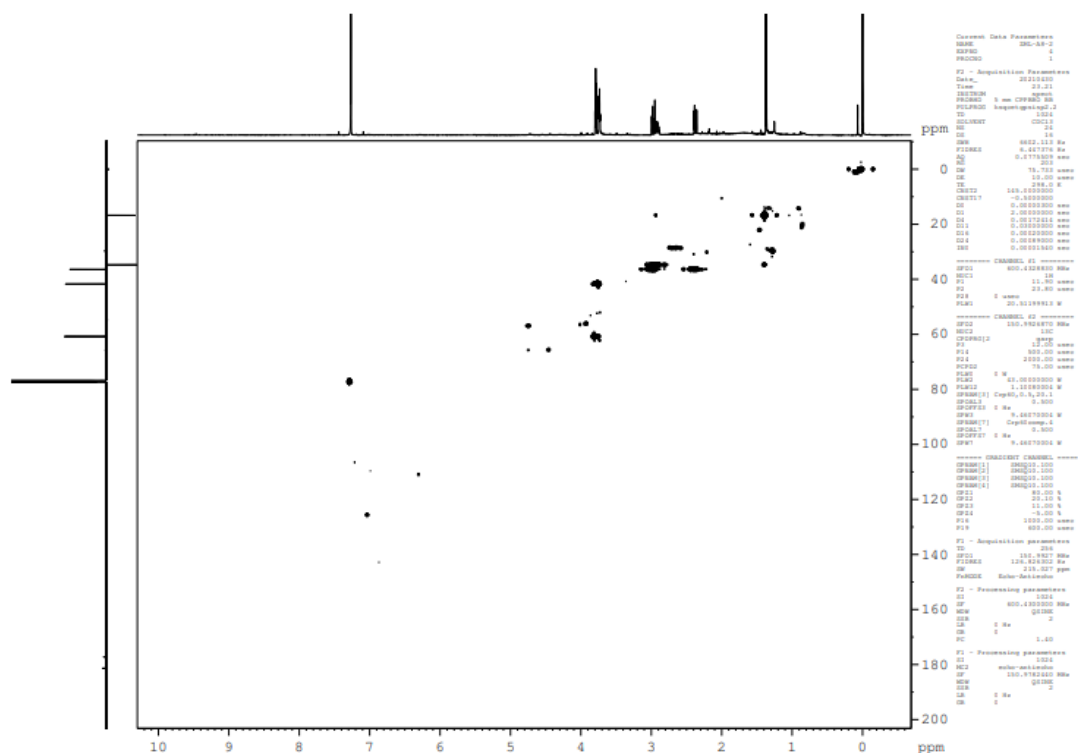


Figure S28 HSQC (CDCl_3) spectrum of **5**

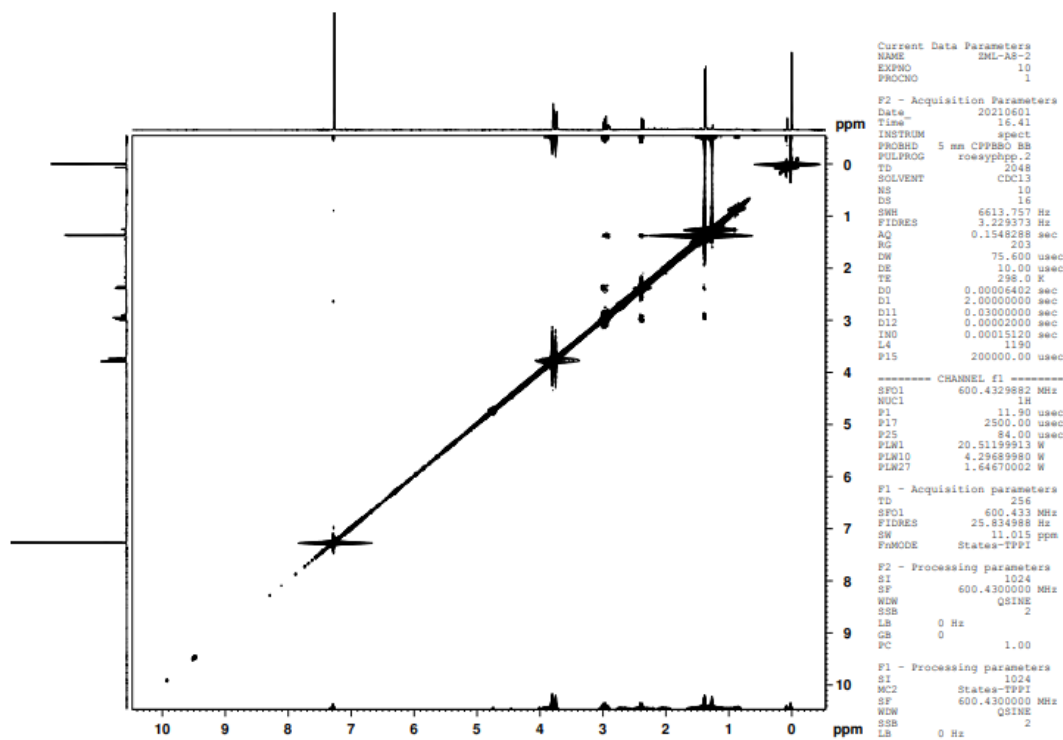


Figure S29 NOESY (CDCl₃) spectrum of **5**

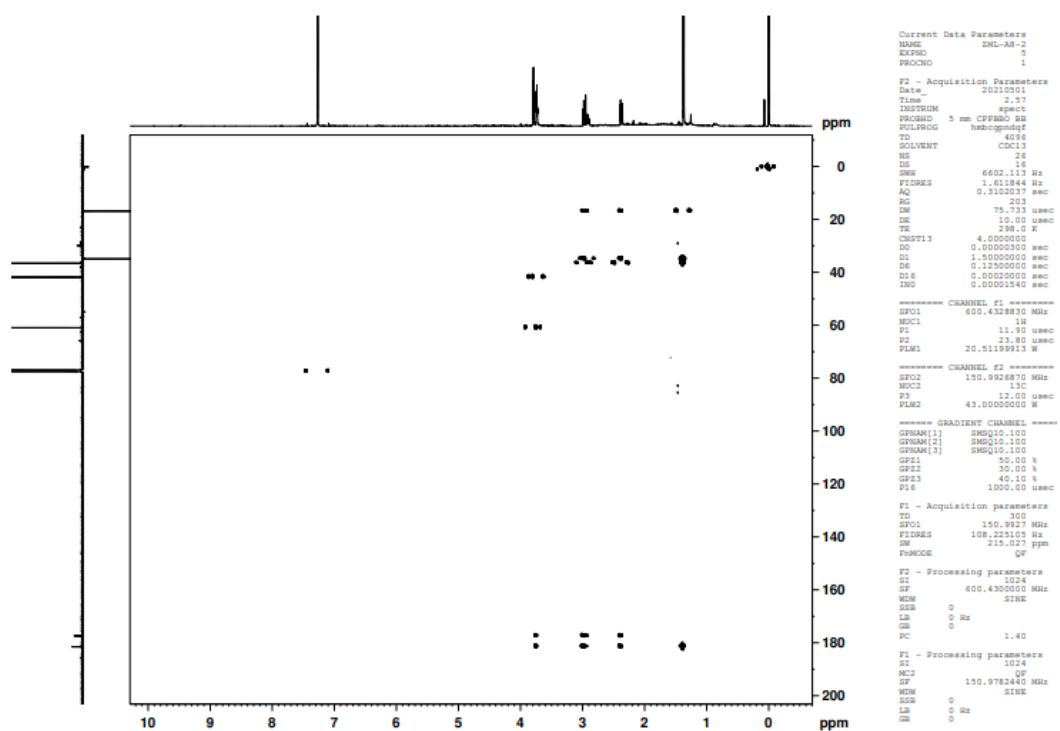


Figure S30 HMBC (CDCl₃) spectrum of **5**

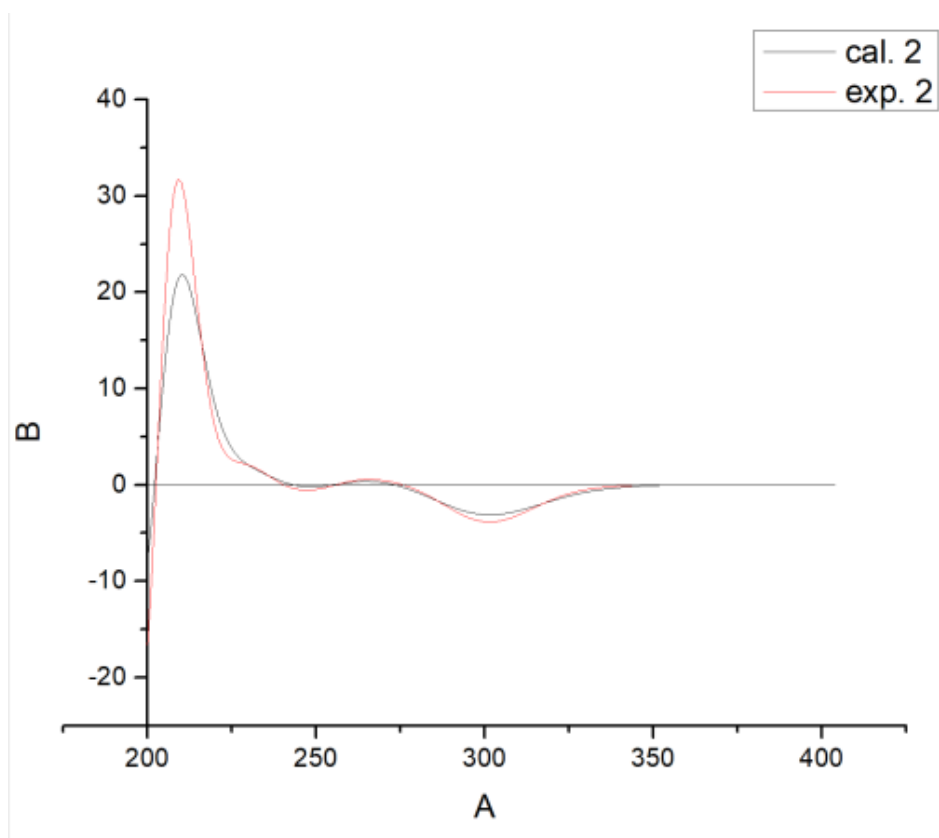


Figure S31 Experimental and calculated ECD spectra of **2**

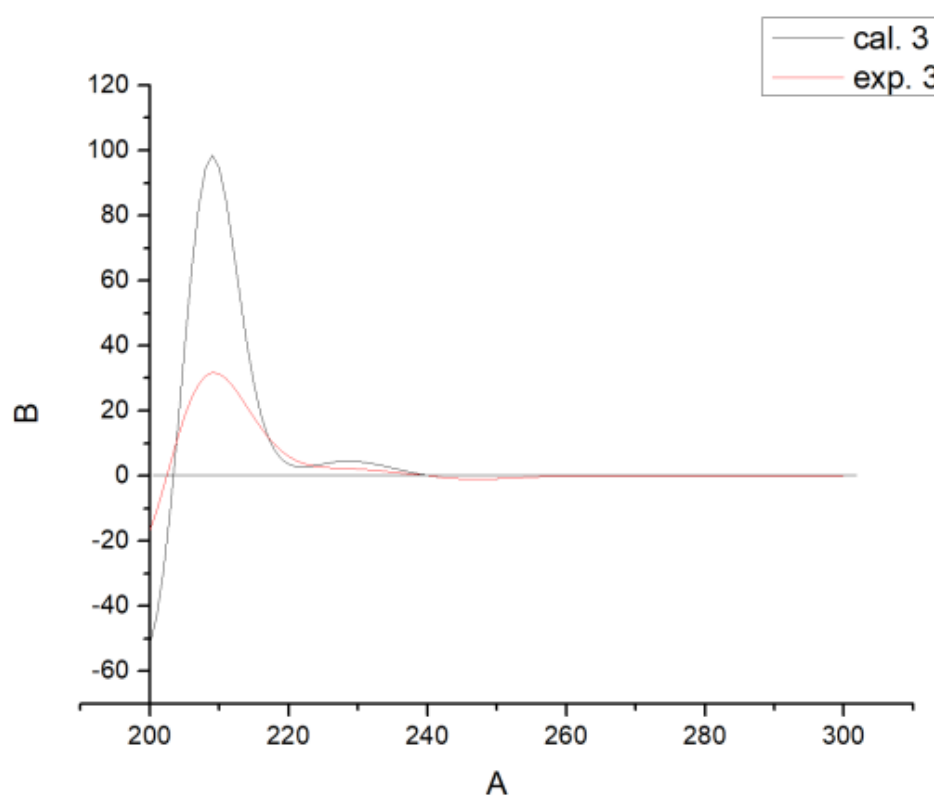


Figure S32 Experimental and calculated ECD spectra of **3**

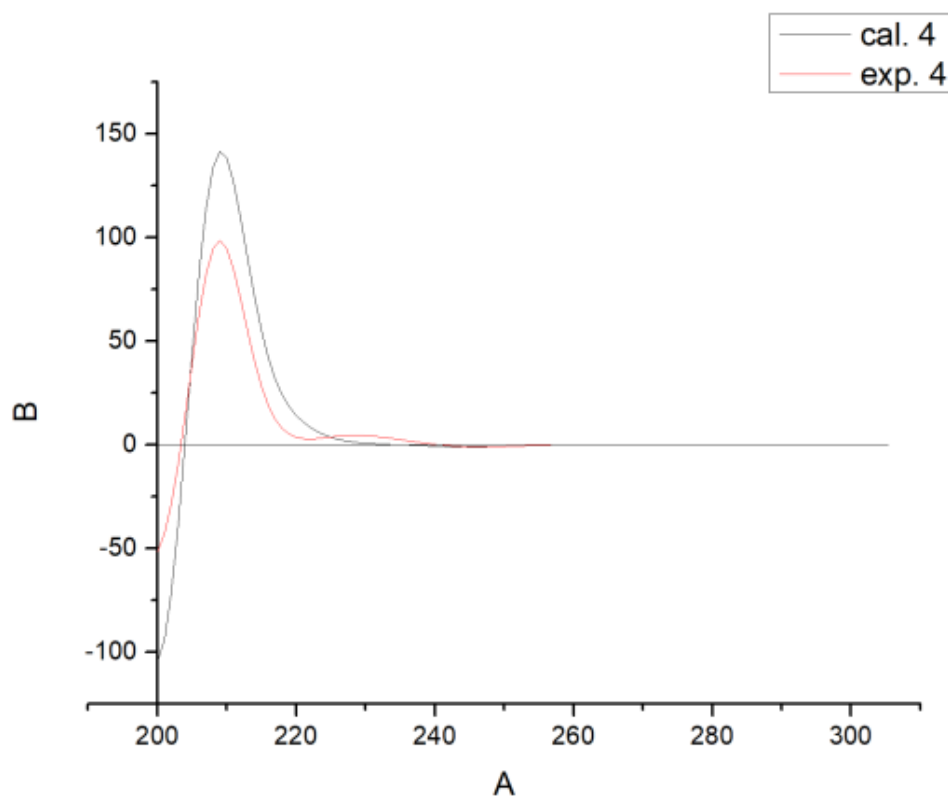


Figure S33 Experimental and calculated ECD spectra of **4**

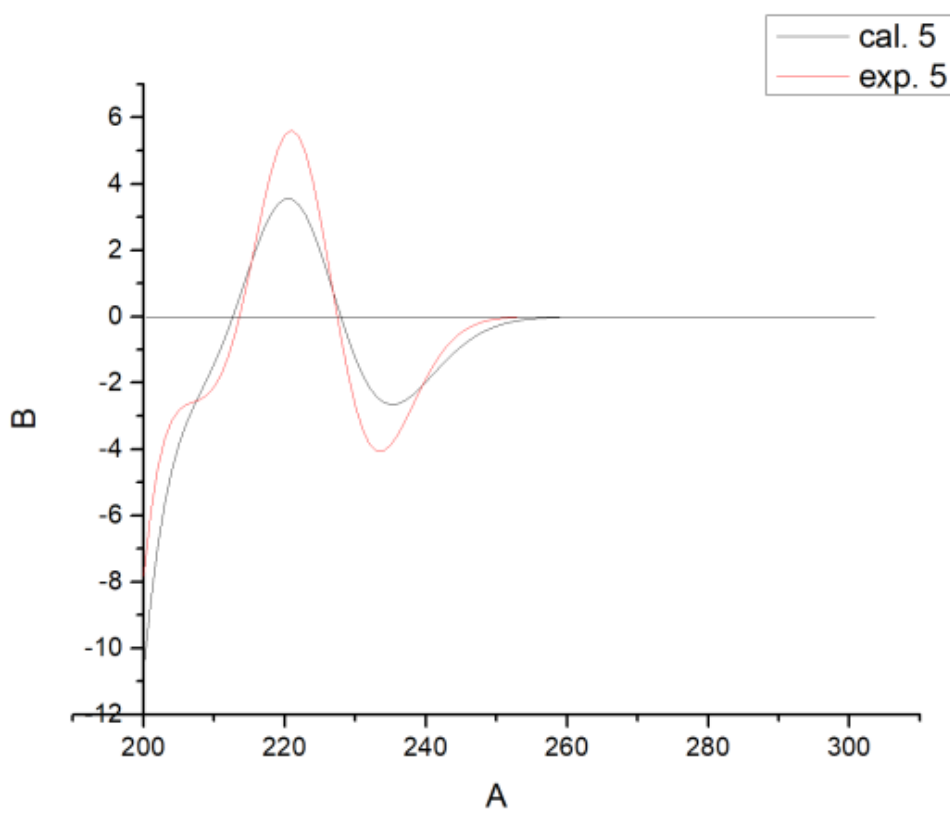


Figure S34 Experimental and calculated ECD spectra of **5**