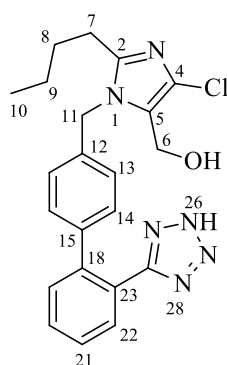


Table S1. Data obtained from the mono- and two-dimensional NMR analysis of Losartan, in deuterated methanol (CD₃OH).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	150.01	-		
4	C	127.39	-		
5	C	126.85	-		
6	CH ₂	53.01	4.43, s		127.39, 126.85
7	CH ₂	27.40	2.57, t (7.9)	1.53	150.01, 30.95, 23.24
8	CH ₂	30.95	1.53, quint (7.9)	2.57, 1.31	150.01, 23.24, 14.03
9	CH ₂	23.24	1.31, sest (7.6)	1.53, 0.86	30.95, 27.40, 14.03
10	CH ₃	14.03	0.86, t (7.6)	1.31	30.95, 23.24
11	CH ₂	48.29	5.25, s		150.01, 136.08, 126.85, 126.70
12	C	136.08	-		
13/17	CH	126.70	6.91, d (8.3)	7.11	142.24, 126.70, 48.29
14/18	CH	130.84	7.11, d (8.3)	6.91	142.62, 136.08, 130.84
15	C	142.24	-		
18	C	142.62	-		
19	CH	131.17	7.45, dd (7.0, 1.6)	7.49, 7.43	142.24, 131.11, 128.19
20	CH	130.02	7.49, t (7.1)	7.45, 7.43	142.62, 131.82
21	CH	128.19	7.43, t (7.1)	7.53, 7.49	131.17, 131.11
22	CH	131.82	7.53, dd (7.0, 1.8)	7.49, 7.43	162.71, 142.62, 130.02
23	C	131.11	-		
24	C	162.71	-		

^aChemical shifts in ppm.



Losartan

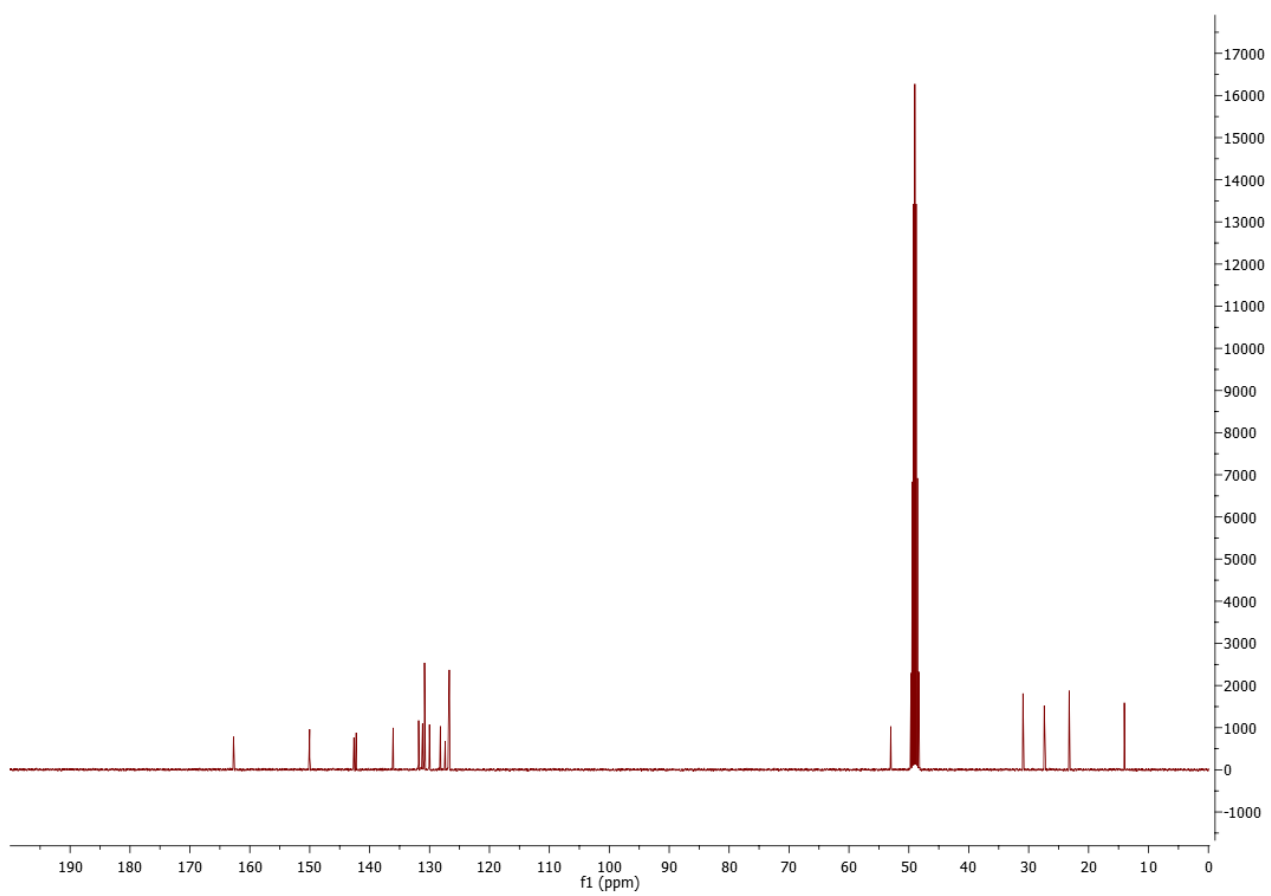
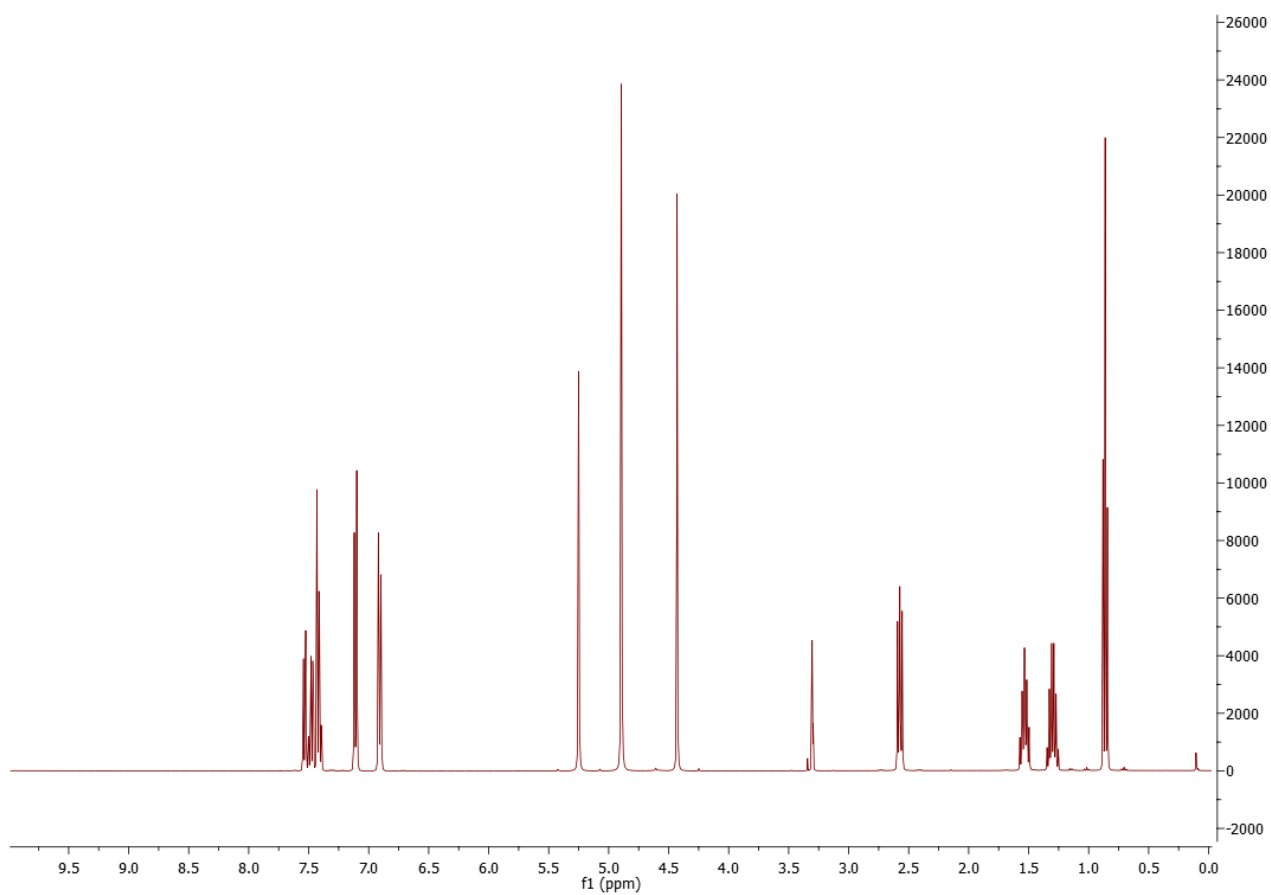
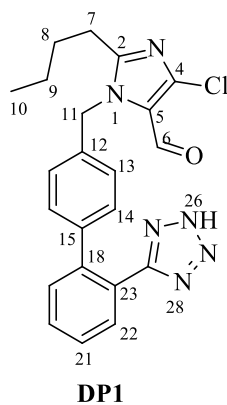


Table S2. Data obtained from the mono- and two-dimensional NMR analysis of DP1, in deuterated chloroform (CDCl₃).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	154.80	-		
4	C	143.23	-		
5	C	124.19	-		
6	CH	177.99	9.55, s		143.23, 124.19
7	CH ₂	26.39	2.59, t (7.2)	1.62	154.80, 29.22, 22.30
8	CH ₂	29.22	1.62, quint (7.2)	2.59, 1.30	154.80, 29.22, 22.30, 13.61
9	CH ₂	22.30	1.30, sest (7.2)	1.62, 0.85	29.22, 26.39, 13.61
10	CH ₃	13.61	0.85, t (7.3)	1.30	29.22, 22.30
11	CH ₂	47.94	5.49, s		154.80, 126.73, 124.19
12	C	135.42	-		
13/17	CH	126.73	6.97, d (8.1)	7.09	139.17, 126.73, 47.94
14/18	CH	129.57	7.09, d (8.1)	6.97	140.58, 139.17, 135.42, 129.57
15	C	139.17	-		
18	C	140.58	-		
19	CH	130.74	7.40, dd (7.7, 1.2)	7.58, 7.50	139.17, 128.30, 122.65
20	CH	131.32	7.58, dt (7.6, 1.3)	7.50, 7.40	140.58, 130.74
21	CH	128.30	7.50, dt (7.6, 1.4)	7.89, 7.58	130.74, 122.65
22	CH	130.74	7.89, dd (7.7, 1.1)	7.58, 7.50	154.85, 140.58, 131.32
23	C	122.65	-		
24	C	154.85	-		

^aChemical shifts in ppm.



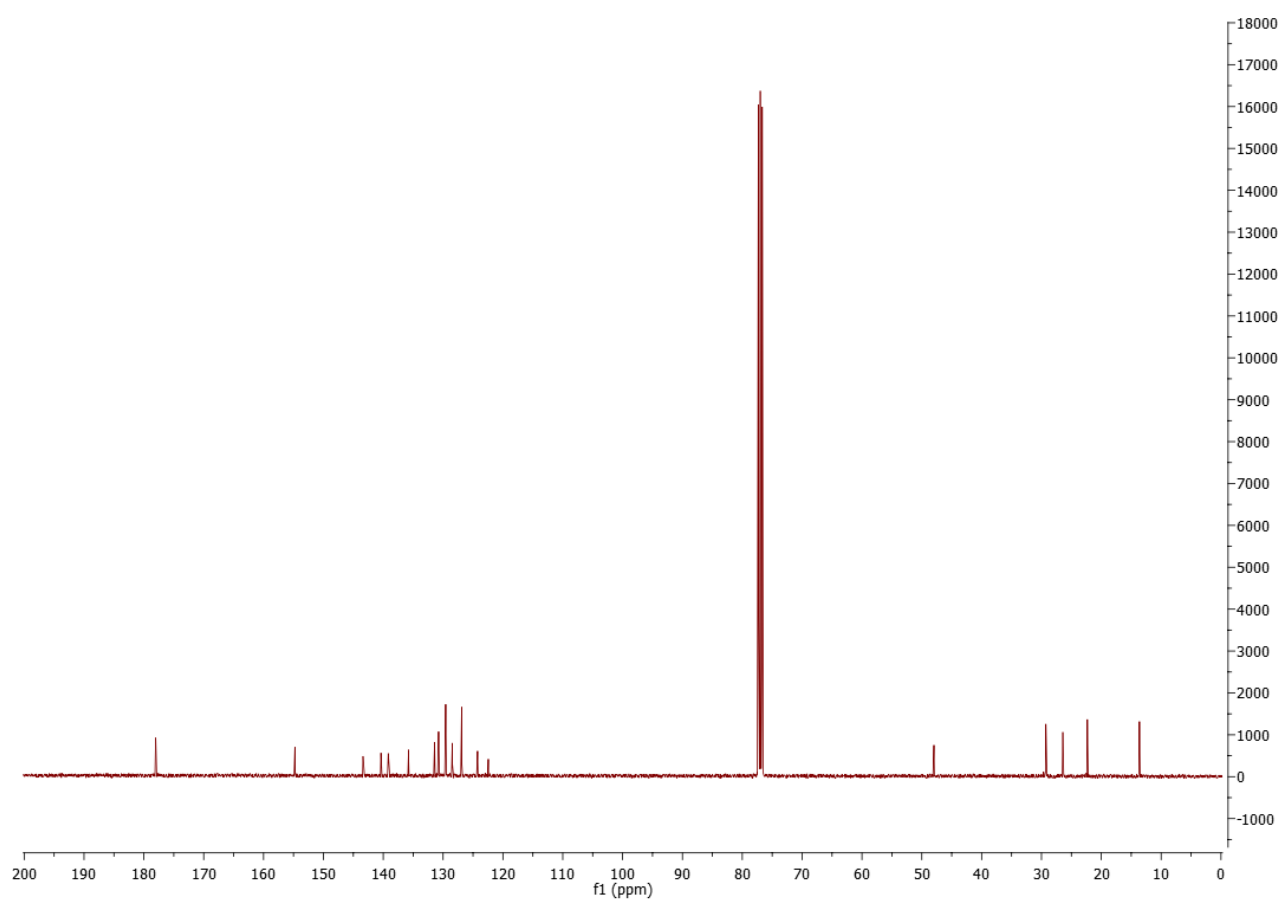
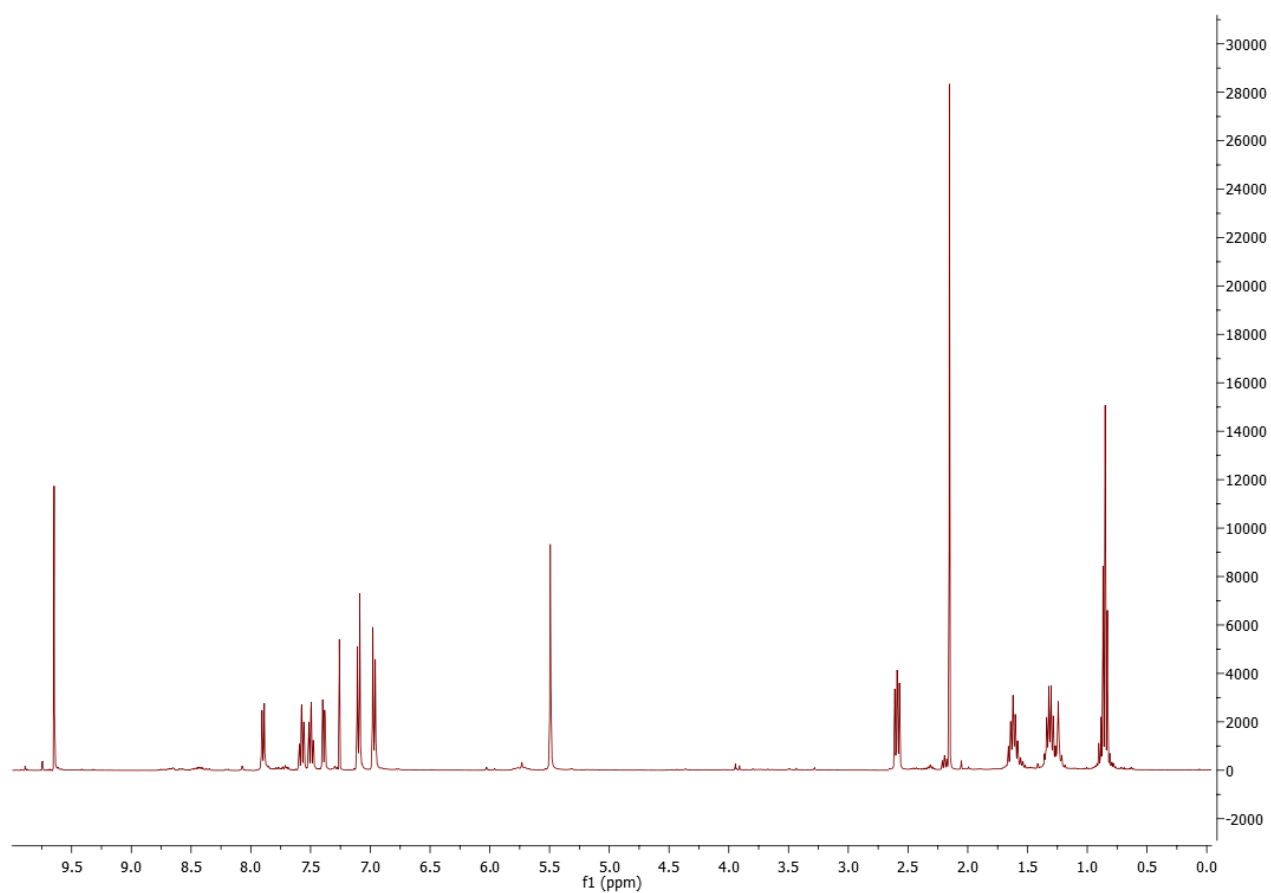
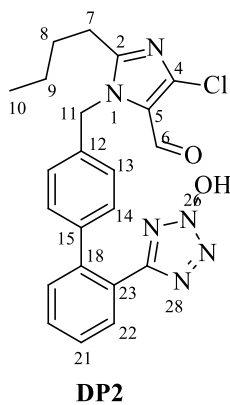


Table S3. Data obtained from the mono- and two-dimensional NMR analysis of DP2, in deuterated chloroform (CDCl₃).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	154.64	-		
4	C	124.21	-		
5	C	124.42	-		
6	CH	177.77	9.72, s		124.42, 124.21
7	CH ₂	25.69	2.66, t (8.0)	1.57	154.64, 28.82, 21.82
8	CH ₂	28.82	1.57, quint (8.0)	2.66, 1.31	154.64, 12.56
9	CH ₂	21.82	1.31, sest (8.0)	1.57, 0.87	25.69, 12.56
10	CH ₃	12.56	0.87, t (7.5)	1.31	28.82, 21.82
11	CH ₂	47.41	5.61, s		154.64, 124.42, 126.16
12	C	135.35	-		
13/17	CH	126.16	7.03, d (8.0)	7.08	139.37, 126.16, 47.41
14/18	CH	129.24	7.08, d (8.0)	7.03	141.77, 135.35, 129.24
15	C	139.37	-		
18	C	141.77	-		
19	CH	130.52	7.49, d (7.0)	7.60	139.37, 127.48, 124.42
20	CH	130.26	7.60, t (7.1)	7.52, 7.49	141.77, 130.26
21	CH	127.48	7.52, t (7.1)	7.62, 7.60	130.52, 124.42
22	CH	130.26	7.62, d (7.0)	7.52	156.80, 141.77, 130.26
23	C	124.42	-		
24	C	156.80	-		

^aChemical shifts in ppm.



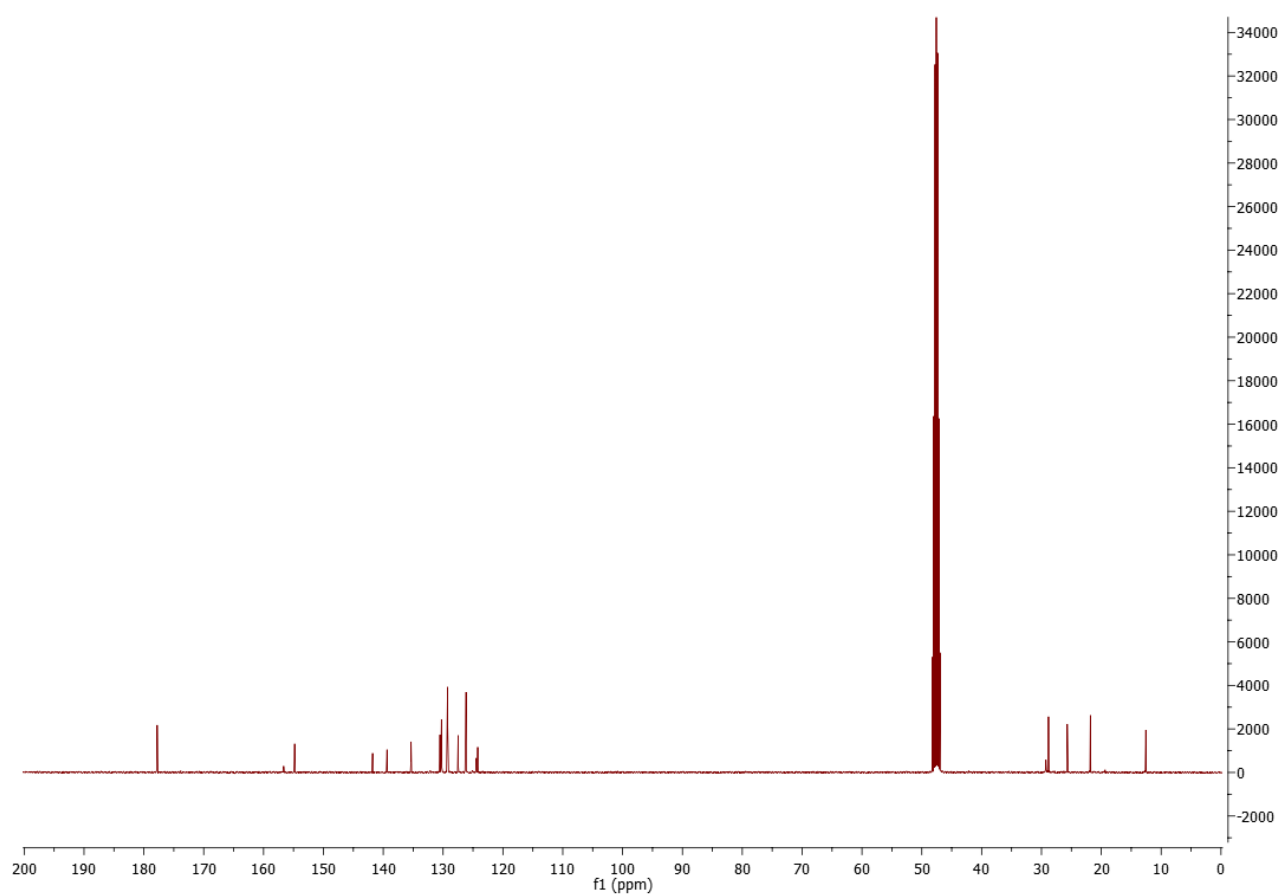
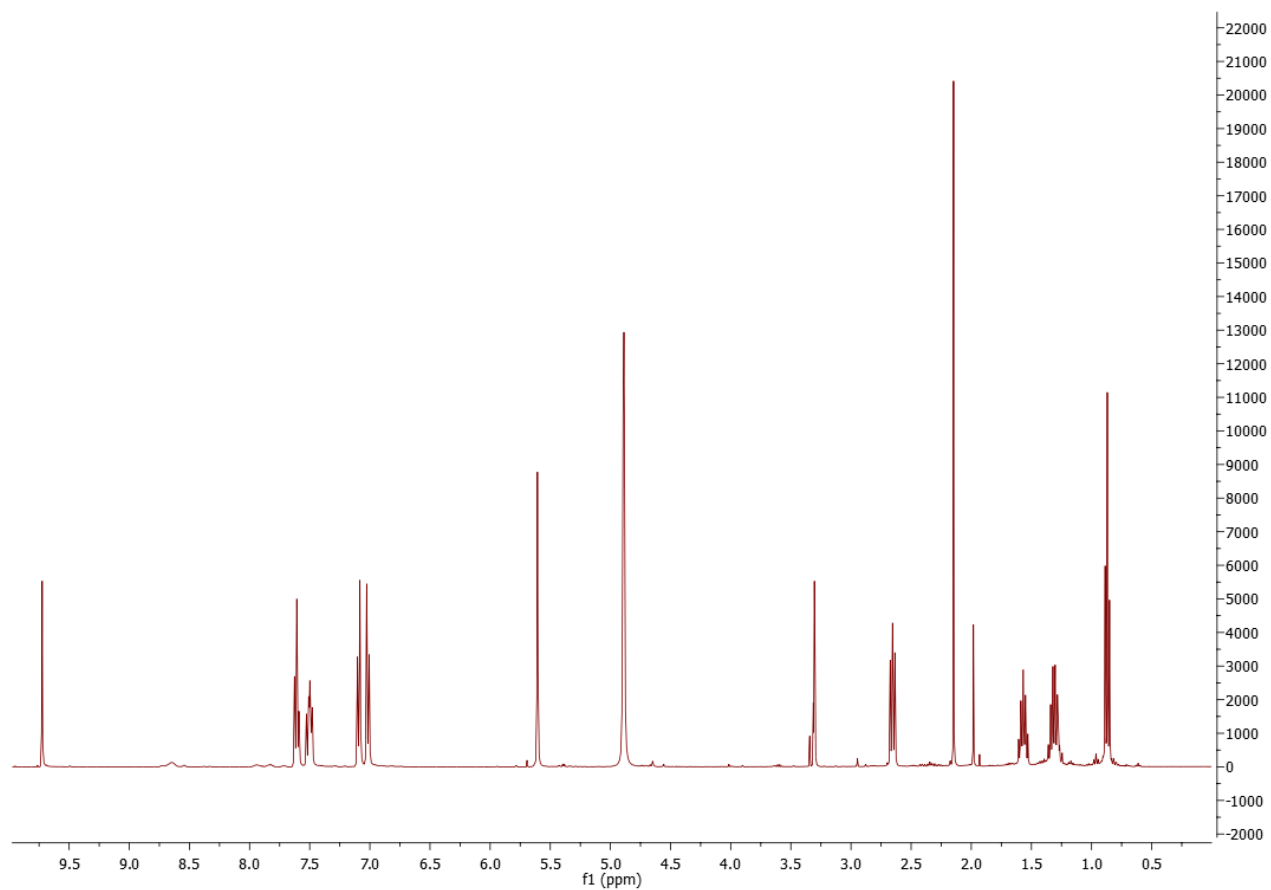
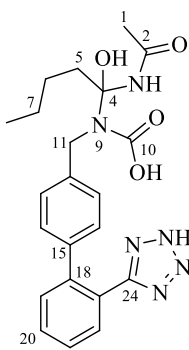


Table S4. Data obtained from the mono- and two-dimensional NMR analysis of DP3, in deuterated methanol (CD₃OD).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
1	CH ₃	19.97	2.01, s		175.40
2	C	175.40	-		
4	C	101.22	-		
5	CH ₂	31.27	1.75, m 1.66, m	1.09, 0.75	101.22, 24.27, 21.54
6	CH ₂	24.27	1.09, m 0.75, m	1.75, 1.66, 1.07, 0.87	101.22, 31.27, 21.54, 12.64
7	CH ₂	21.54	1.07, m 0.87, m	1.09, 0.75, 0.65	31.27, 24.27, 12.64
8	CH ₃	12.64	0.65, t (7.5)	1.07, 0.87	24.27, 21.54
10	C	160.55	-		
11	CH ₂	42.41	4.96, overlapped 4.17, d (15.5)	4.17 4.96	160.55, 101.22, 128.13
12	C	135.30	-		
13/17	CH	128.13	7.32, d (8.0)	7.14	139.95, 128.13, 42.41
14/16	CH	129.15	7.14, d (8.0)	7.32	141.35, 135.30, 129.15
15	C	139.95	-		
18	C	141.35	-		
19	CH	130.45	7.48, d (7.0)	7.61	139.95, 127.18, 126.19
20	CH	129.92	7.61, m	7.52, 7.48	141.35, 131.1
21	CH	127.18	7.52, t (7.2)	7.62, 7.61	130.45, 126.19
22	CH	131.01	7.62, m	7.61, 7.52	158.35, 141.35, 129.92
23	C	126.19	-		
24	C	158.35	-		

^aChemical shifts in ppm.



DP3

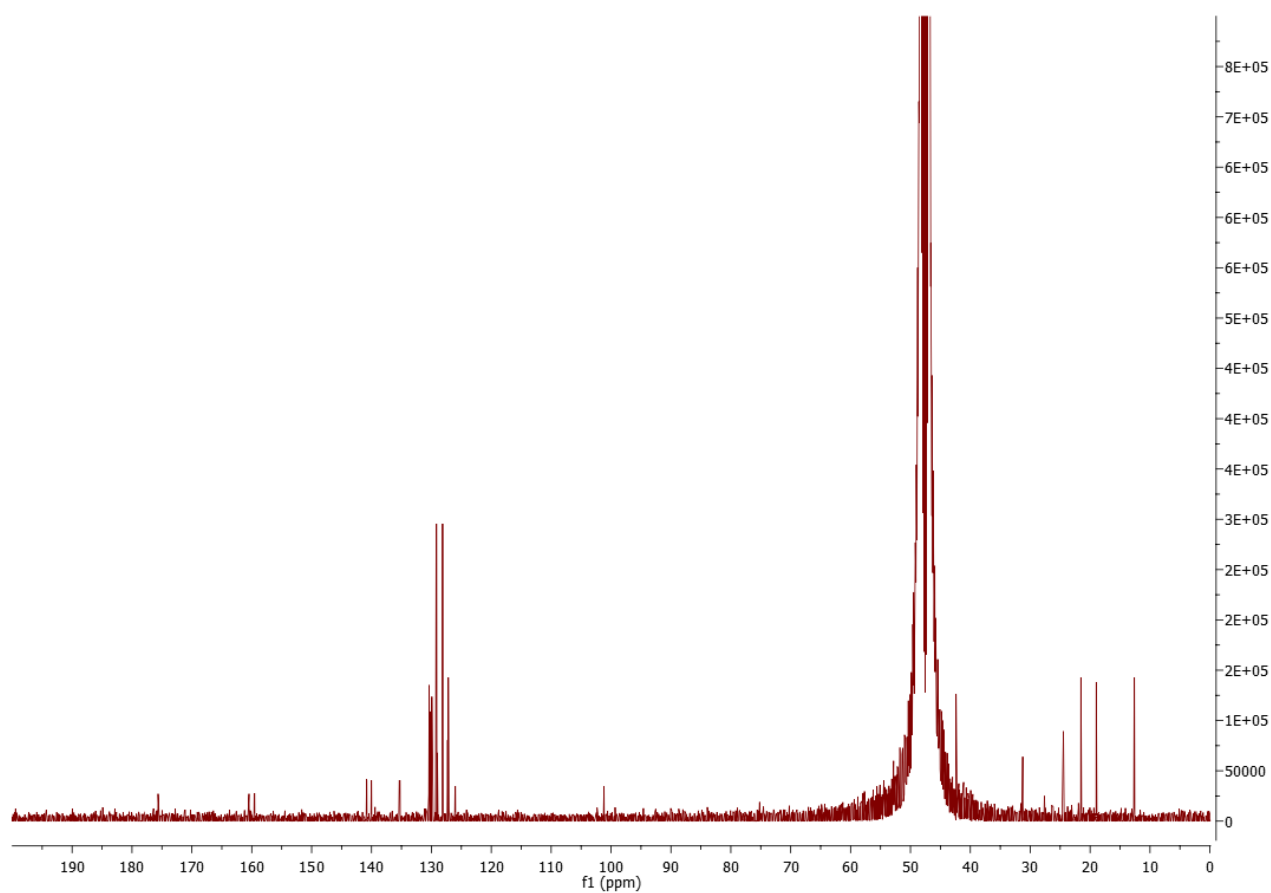
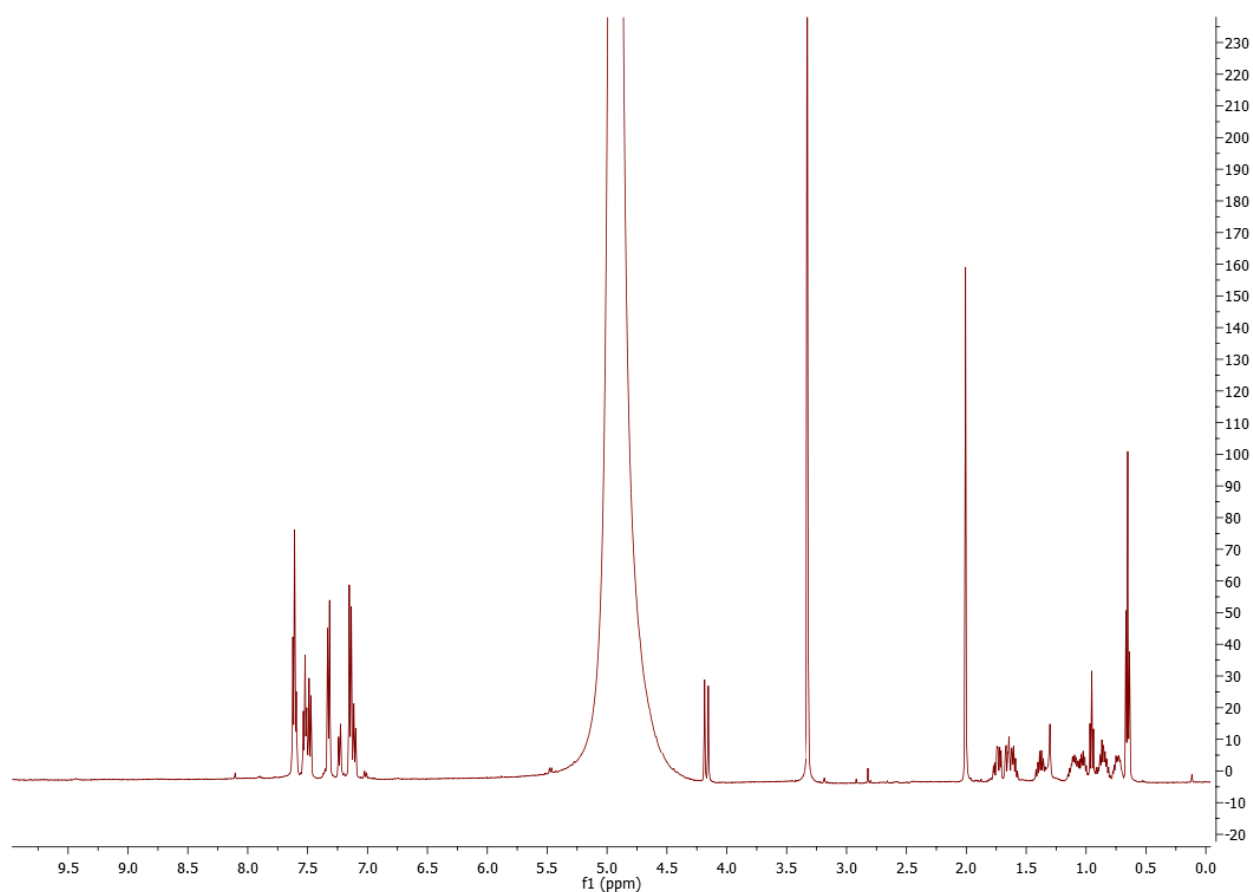
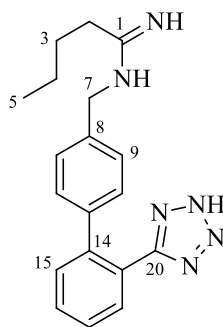


Table S5. Data obtained from the mono- and two-dimensional NMR analysis of DP4, in deuterated methanol (CD₃OD).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
1	C	168.35	-		
2	CH ₂	32.39	2.48, t (7.9)	1.68	168.35, 29.19, 21.67
3	CH ₂	29.19	1.68, quint (7.9)	2.48, 1.41	168.35, 32.39, 21.67, 12.42
4	CH ₂	21.67	1.41, sest (7.5)	1.68, 0.97	32.39, 29.19, 12.42
5	CH ₃	12.42	0.97, t (7.3)	1.41	29.19, 21.67
7	CH ₂	45.48	4.41, s		168.35, 132.56, 127.16
8	C	132.56	-		
9/13	CH	127.16	7.19, d (8.4)	7.15	141.13, 127.16, 45.48
10/12	CH	129.53	7.15, d (8.4)	7.19	141.34, 132.56, 129.53
11	C	141.13	-		
14	C	141.34	-		
15	CH	129.92	7.44, d (7.7)	7.53	141.13, 128.33, 127.48
16	CH	128.91	7.53, t (7.8, 1.5)	7.46, 7.44	141.34, 130.55
17	CH	128.33	7.46, dt (7.6, 1.4)	7.57, 7.52	129.92, 127.48
18	CH	130.55	7.57, d (7.7)	7.52, 7.45	160.41, 141.34, 128.91
19	C	127.48	-		
20	C	160.41	-		

^aChemical shifts in ppm.



DP4

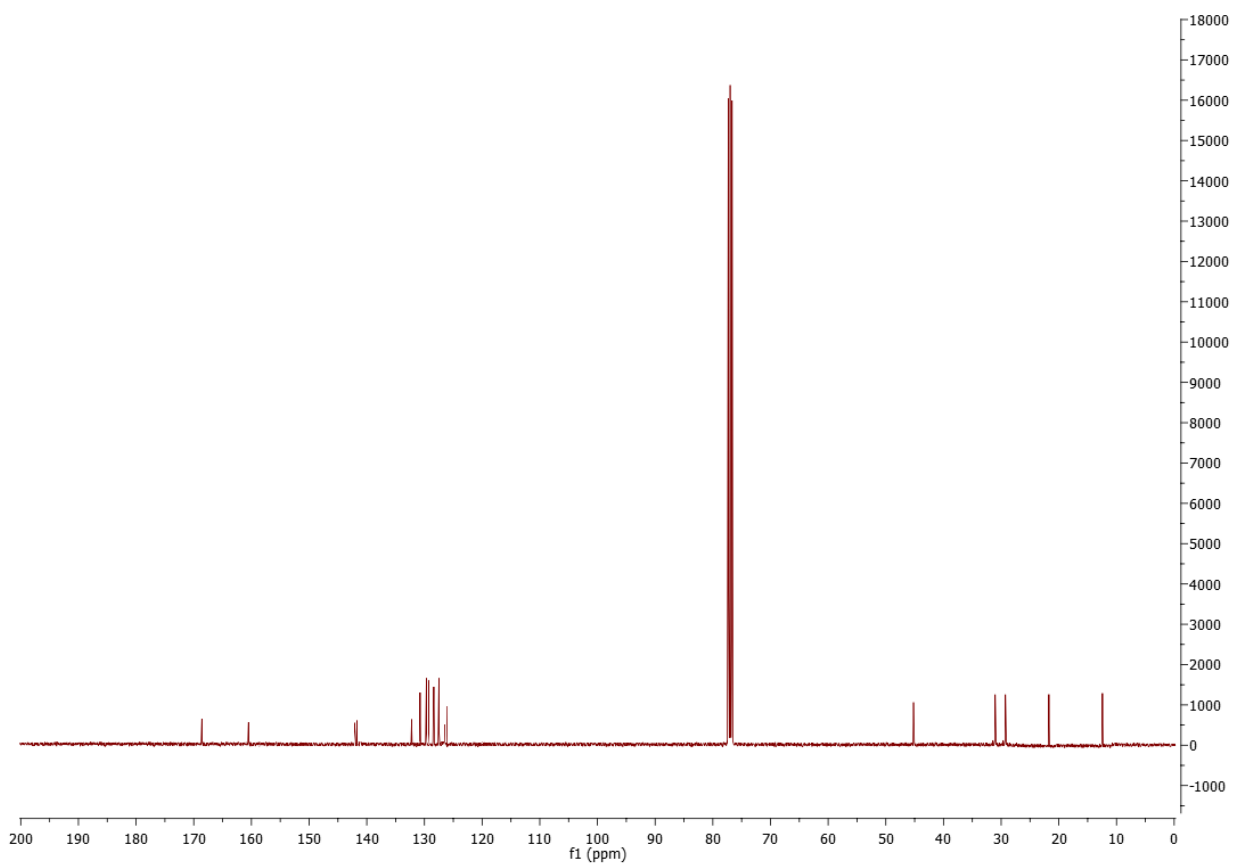
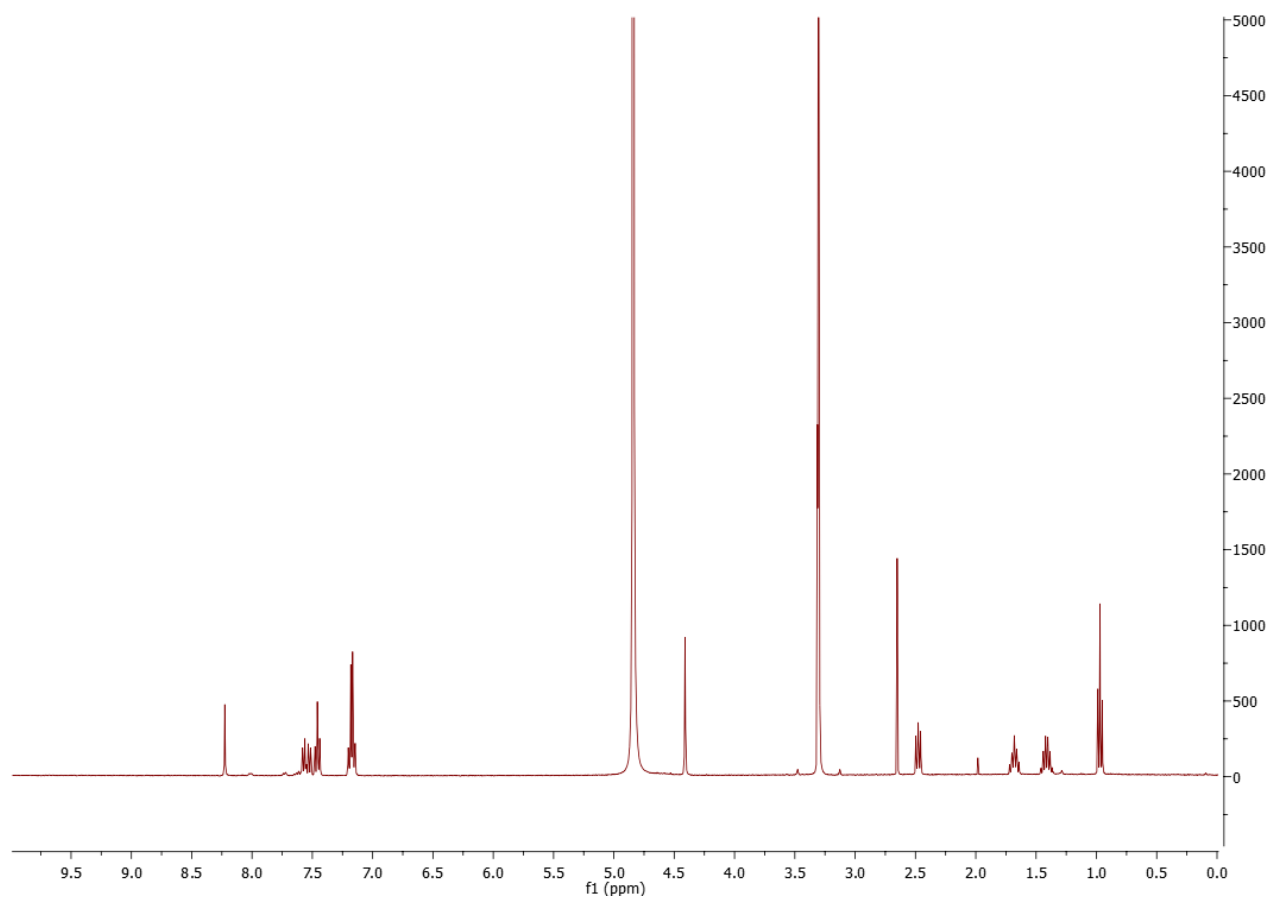
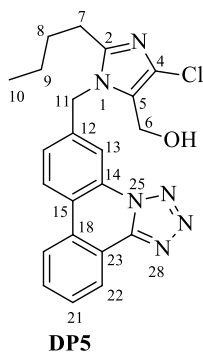


Table S6. Data obtained from the mono- and two-dimensional NMR analysis of DP5, in deuterated dimethyl sulfoxide (CD₃SOCD₃).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	148.88	-		
4	C	127.16	-		
5	C	123.16	-		
6	CH ₂	53.18	4.41, s		127.16, 123.16
7	CH ₂	27.66	2.54, t (7.6)	1.48	148.88, 23.45
8	CH ₂	30.88	1.48, quint (7.6)	2.54, 1.23	148.88, 15.41
9	CH ₂	23.45	1.23, sest (7.6)	1.48, 0.72	27.66, 15.41
10	CH ₃	15.41	0.72, t (7.6)	1.23	30.88, 23.45
11	CH ₂	48.28	5.58, s		148.88, 127.75, 123.16, 116.56
12	C	141.86	-		
13	CH	116.56	8.30, s		127.75, 123.16, 48.28
14	C	131.42	-		
15	C	123.16	-		
16	CH	125.79	8.78, d (8.4)	7.48	141.86, 131.63, 131.42
17	CH	127.75	7.48, d (8.4)	8.78	123.16, 116.56, 48.28
18	C	131.63	-		
19	CH	125.84	8.73, d (8.0)	7.98	131.35, 123.16, 119.83
20	CH	134.24	7.98, t (8.0)	8.73, 7.85	131.63, 127.21
21	CH	131.35	7.85, t (8.1)	8.57, 7.98	125.84, 119.83
22	CH	127.21	8.57, d (8.0)	7.85	149.43, 134.24, 131.63
23	C	119.83	-		
24	C	149.43	-		

^aChemical shifts in ppm.



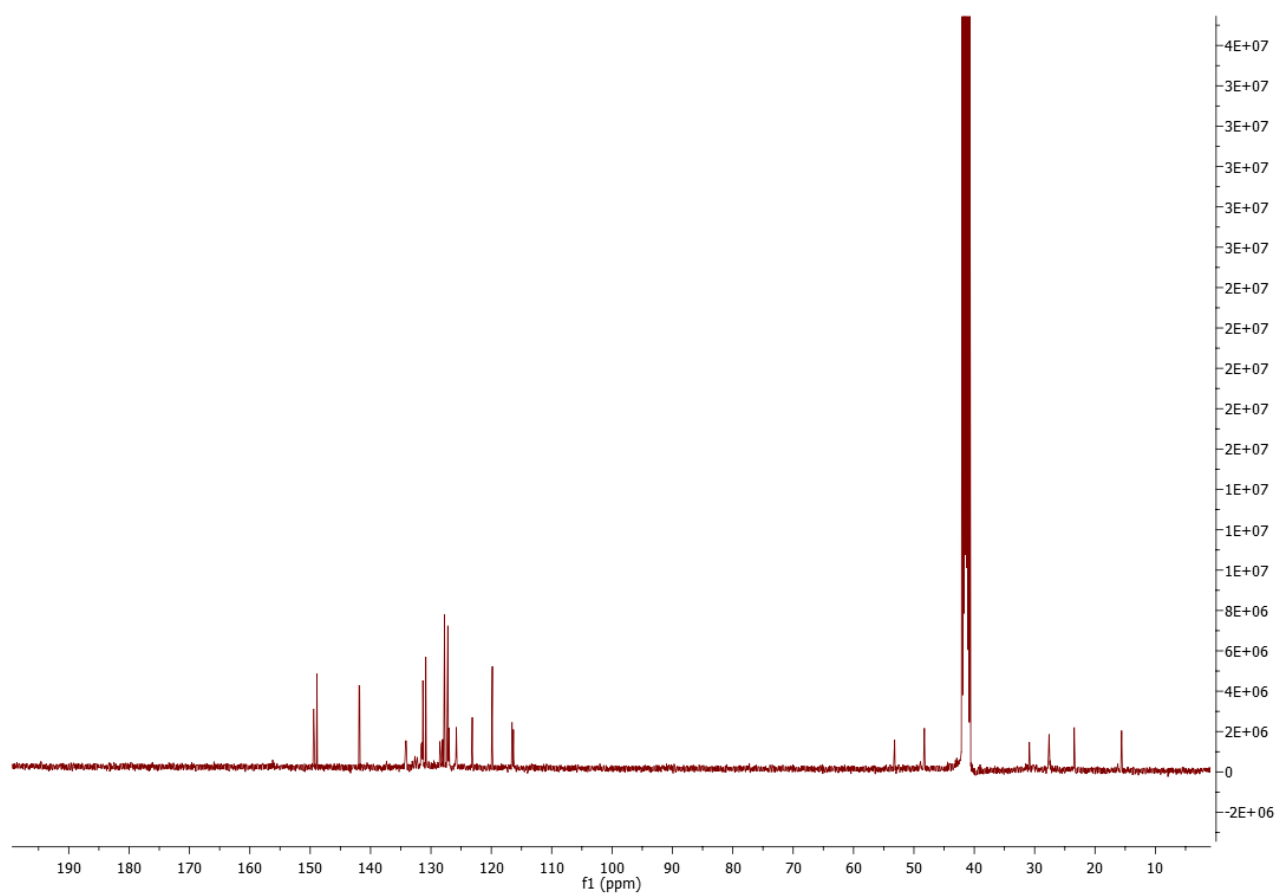
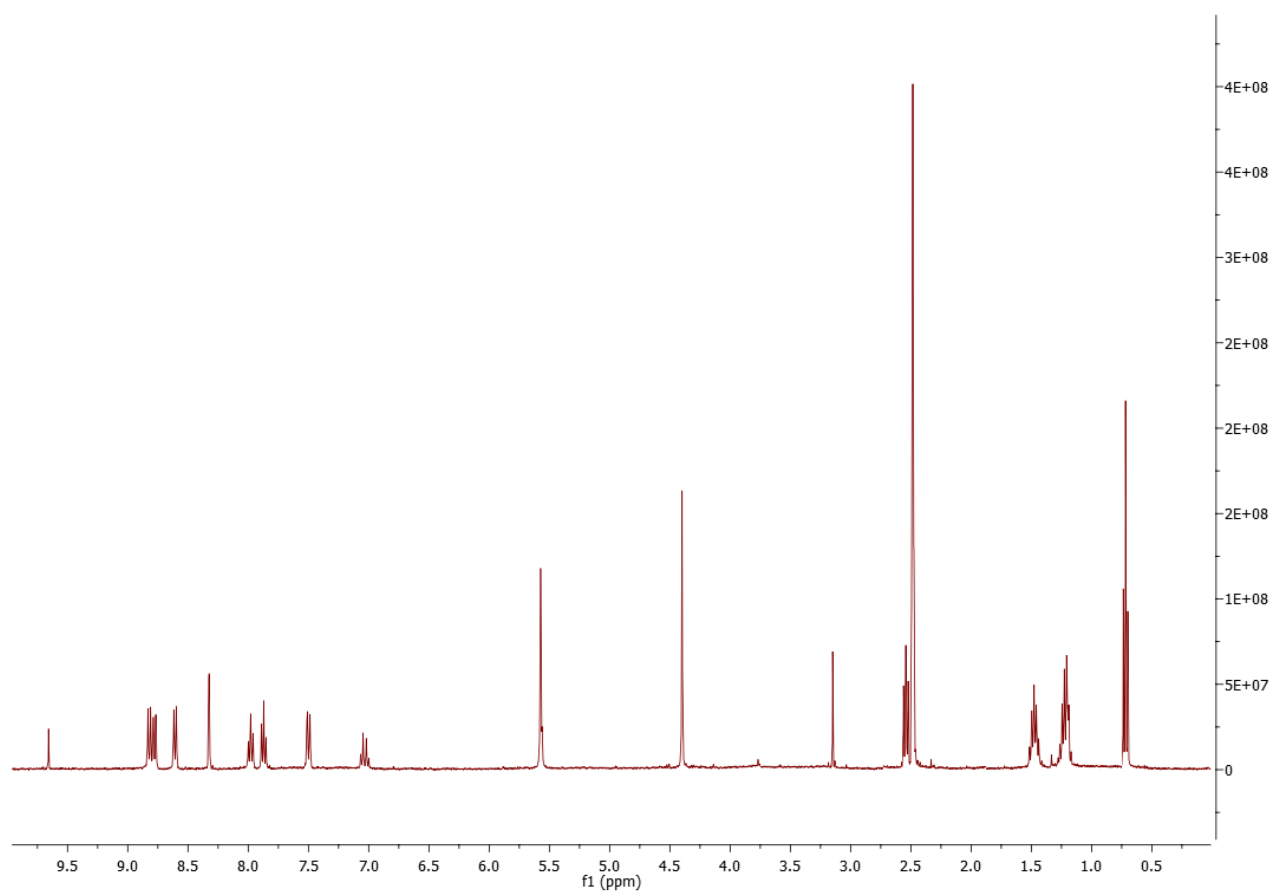
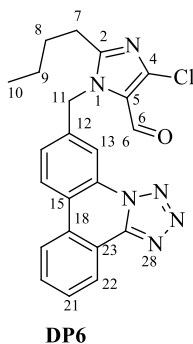


Table S7. Data obtained from the mono- and two-dimensional NMR analysis of DP6, in deuterated chloroform (CDCl₃).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	154.67	-		
4	C	143.50	-		
5	C	124.39	-		
6	CH	178.09	9.81, s		143.50, 124.39
7	CH ₂	29.31	2.76, t (6.0)	1.74	22.41
8	CH ₂	26.59	1.74, quint (6.0)	2.76, 1.40	154.67, 13.67
9	CH ₂	22.41	1.40, sest (6.0)	1.74, 0.90	29.31
10	CH ₃	13.67	0.90, t (6.4)	1.40	26.59, 22.41
11	CH ₂	47.94	5.83, s		154.67, 126.21, 124.39, 115.38
12	C	138.35	-		
13	CH	115.38	8.42, s		126.21, 122.08, 47.94
14	C	129.38	-		
15	C	122.08	-		
16	CH	124.96	8.49, d (6.8)	7.40	138.35, 129.58, 129.38
17	CH	126.21	7.40, d (6.8)	8.49	122.08, 115.38, 47.94
18	C	129.58	-		
19	CH	123.06	8.45, dd (6.8, 1.8)	7.91, 7.83	129.73, 122.08, 118.69
20	CH	132.16	7.91, t (6.9)	8.45, 7.83	129.58, 126.08
21	CH	129.73	7.83, t (6.8)	8.77, 7.91	123.06, 118.69
22	CH	126.08	8.77, dd (6.8, 1.8)	7.91, 7.83	147.38, 132.16, 129.58
23	C	118.69	-		
24	C	147.38	-		

^aChemical shifts in ppm.



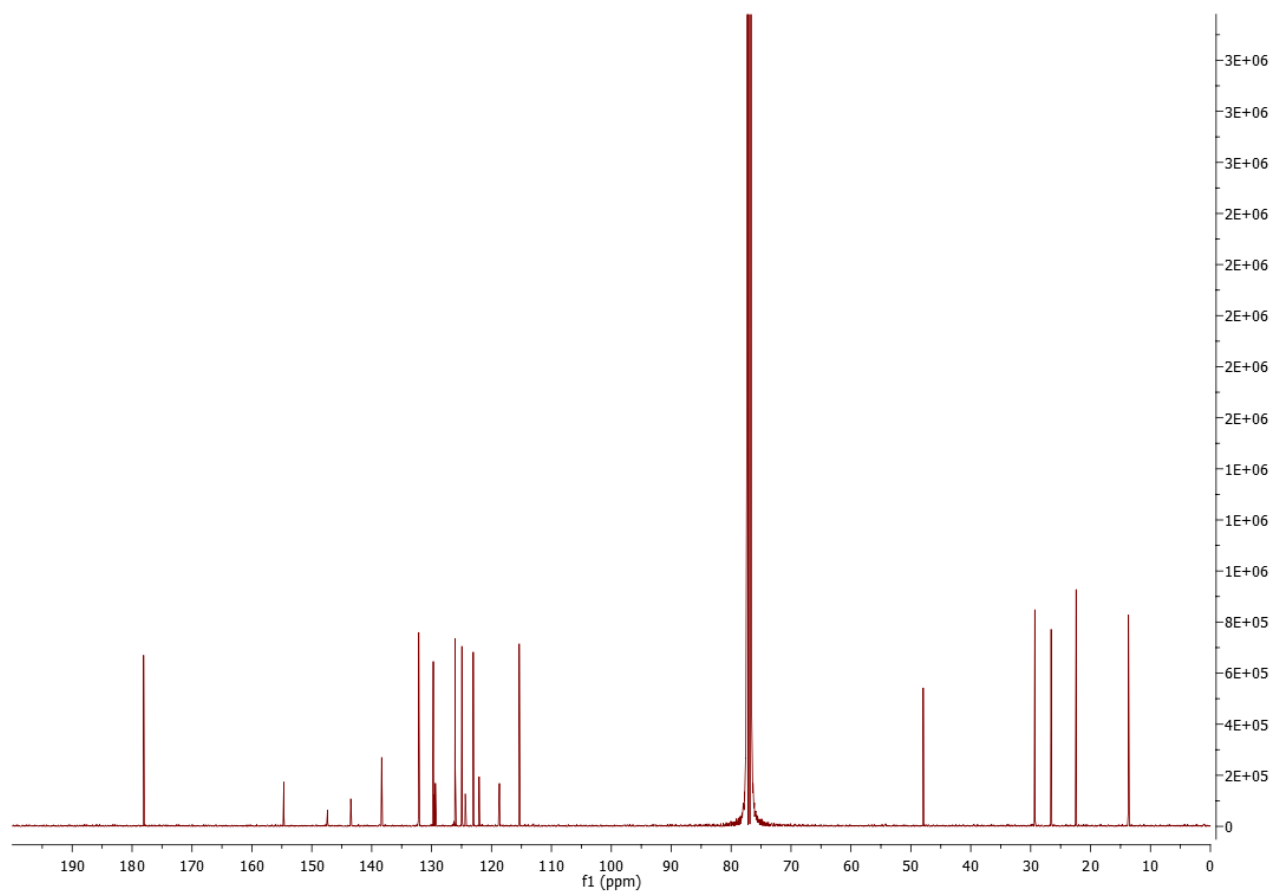
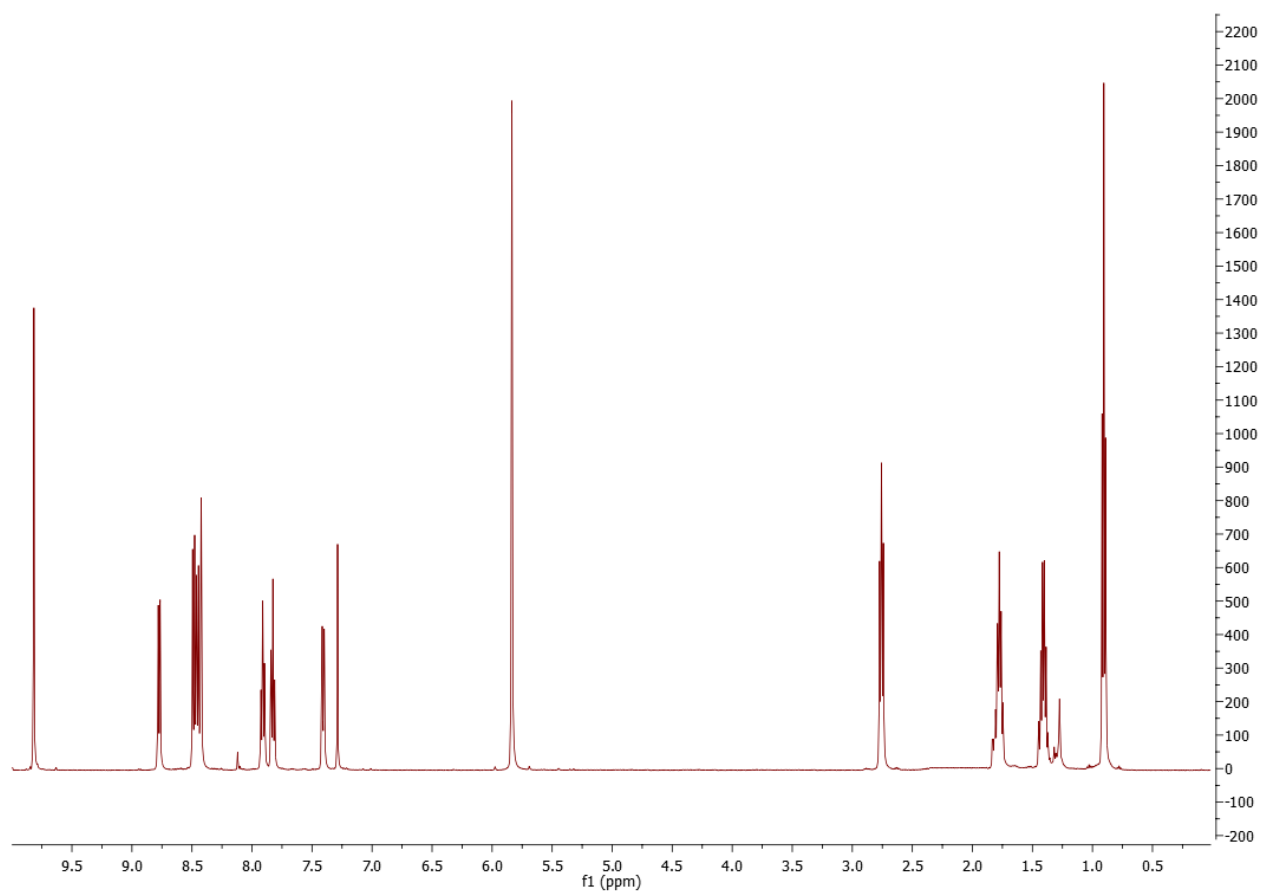
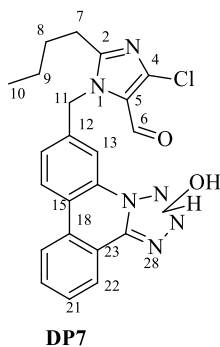


Table S8. Data obtained from the mono- and two-dimensional NMR analysis of DP7, in deuterated dimethyl sulfoxide (CD_3SOCD_3).

Position	Residue	$^{13}\text{C}^a$	$^1\text{H}^a$, multiplicity (J in Hz)	^1H - ^1H COSY	^1H - ^{13}C HMBC
2	C	155.07	-		
4	C	141.71	-		
5	C	125.86	-		
6	CH	178.50	9.71, s		141.71, 125.86
7	CH ₂	29.09	2.75, t (7.2)	1.57, 1.27	155.07, 25.87, 22.02
8	CH ₂	25.87	1.57, quint (7.2)	2.75, 1.27	155.07, 29.09, 22.02, 13.94
9	CH ₂	22.02	1.27, sest (7.2)	1.57, 0.77	29.09, 25.87, 13.94
10	CH ₃	13.94	0.77, t (7.2)	1.57, 1.27	25.87, 22.02
11	CH ₂	47.40	5.89, s		155.07, 126.46, 125.86, 114.84
12	C	139.60	-		
13	CH	114.84	8.31, d (1.6)	8.82	126.46, 121.91, 47.40
14	C	129.45	-		
15	C	121.91	-		
16	CH	126.34	8.82, d (8.4)	8.31, 7.50	129.51, 129.45, 139.60
17	CH	126.46	7.50, dd (8.4, 1.6)	8.82	121.91, 114.84, 47.40
18	C	129.51	-		
19	CH	124.64	8.78, d (8.8)	7.99, 7.88	129.81, 121.91, 118.49
20	CH	132.85	7.99, t (8.5)	8.78, 7.88	129.51, 126.22
21	CH	129.81	7.88, t (8.5)	8.63, 7.99	124.64, 118.49
22	CH	126.22	8.63, d (8.4)	7.99, 7.88	147.49, 132.85, 129.51
23	C	118.49	-		
24	C	147.49	-		

^aChemical shifts in ppm.

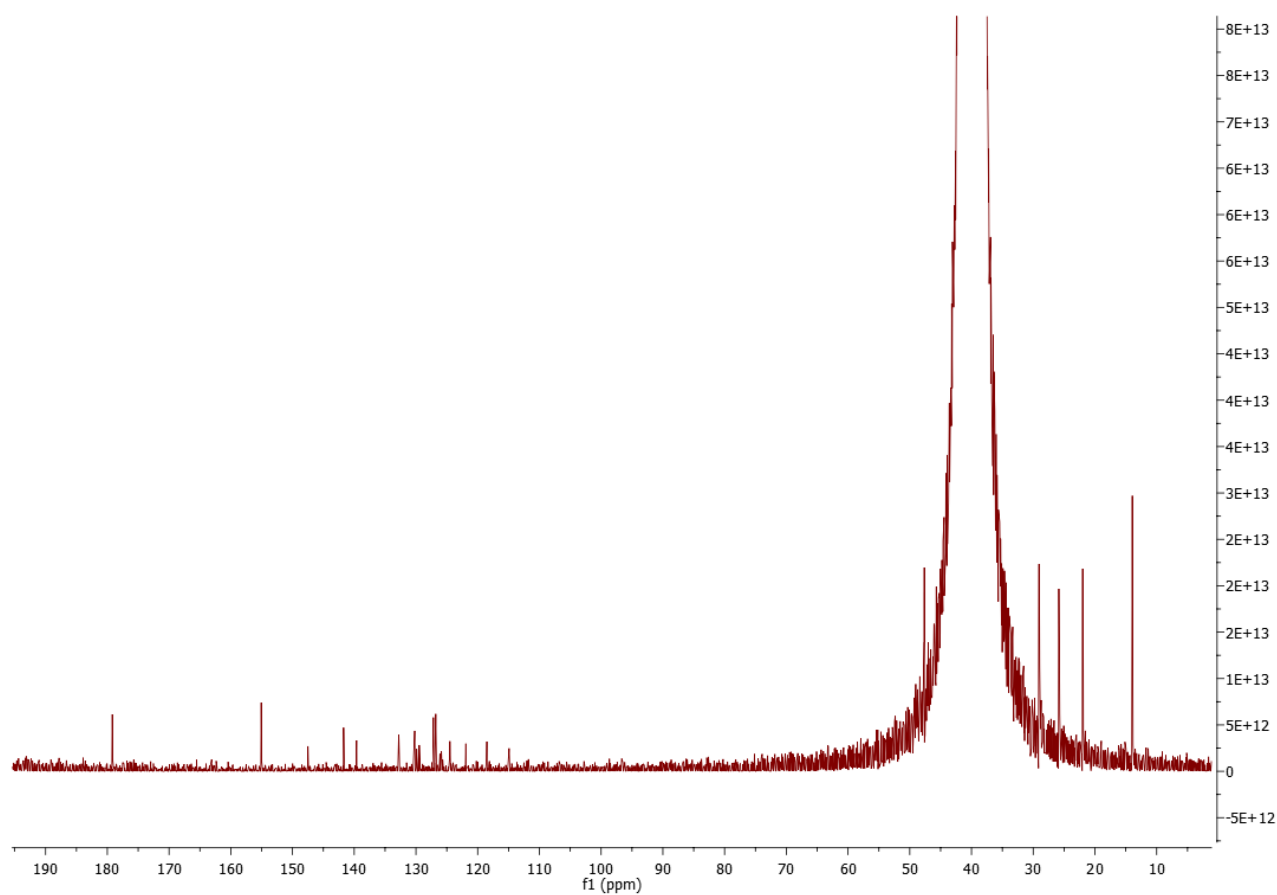
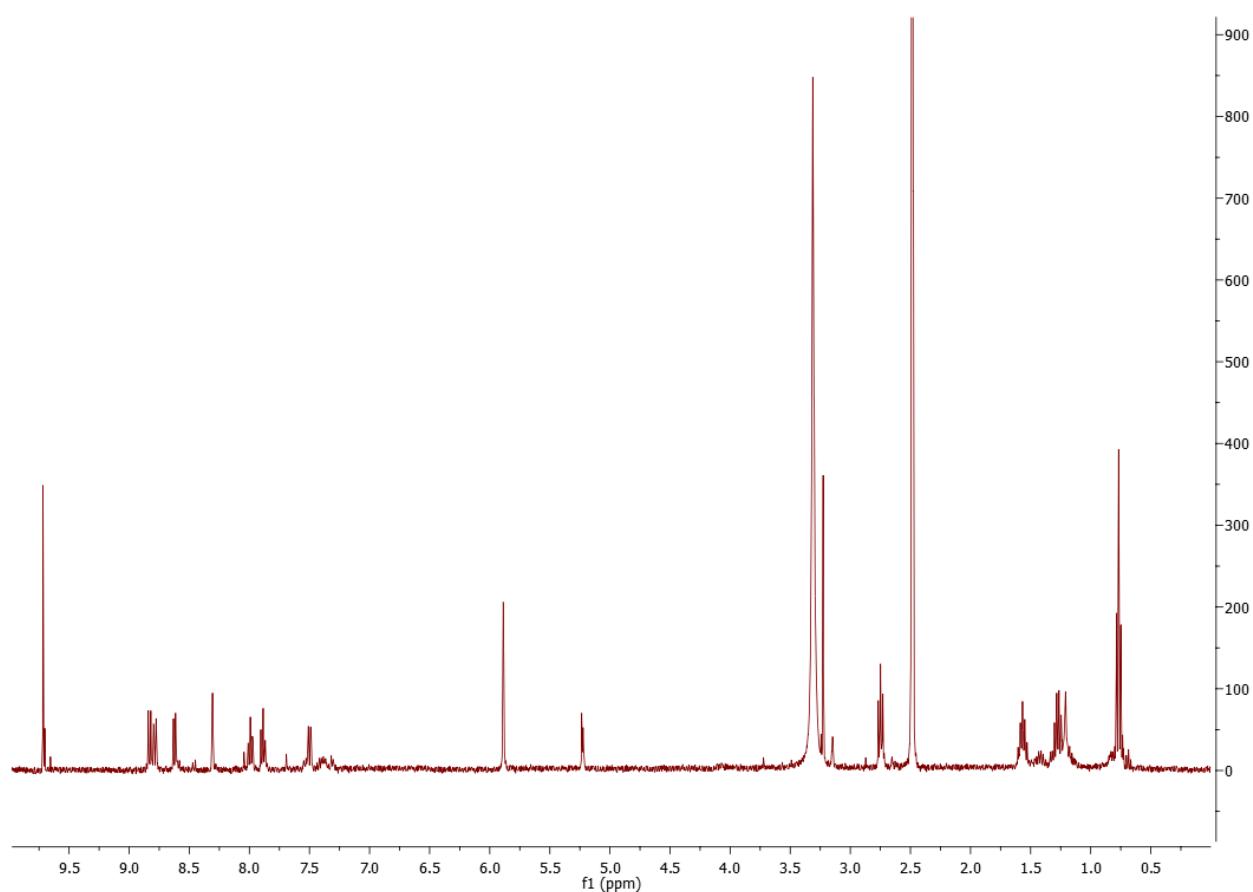
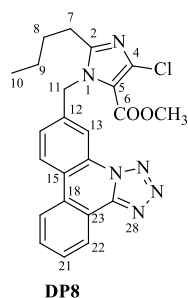


Table S9. Data obtained from the mono- and two-dimensional NMR analysis of DP8, in deuterated chloroform (CDCl₃).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
2	C	156.41	-		
4	C	127.50	-		
5	C	124.44	-		
6	C	161.25	-		
7	CH ₂	25.50	2.33, t (7.5)	1.63	22.05
8	CH ₂	29.67	1.63, quint (7.5)	2.33, 1.35	156.41, 14.09
9	CH ₂	22.05	1.35, sest (7.5)	1.63, 0.87	25.50
10	CH ₃	14.09	0.87, t (7.5)	1.35	29.67, 22.05
11	CH ₂	43.35	4.83, s		156.41, 124.44, 127.73, 116.79
12	C	139.60	-		
13	CH	116.79	8.62, s		127.73, 121.89, 43.35
14	C	129.50	-		
15	C	121.89	-		
16	CH	125.00	8.52, d (8.0)	7.72	139.60, 129.50, 129.47
17	CH	127.73	7.72, d (8.0)	8.52	121.89, 116.79, 43.35
18	C	129.47	-		
19	CH	123.12	8.50, dd (7.9, 1.4)	7.92, 7.83	129.50, 121.89, 118.57
20	CH	132.31	7.92, t (8.0)	8.50, 7.83	129.47, 126.25
21	CH	129.50	7.83, t (8.1)	8.79, 7.92	123.12, 118.57
22	CH	126.25	8.79, dd (7.9, 1.5)	7.92, 7.83	147.46, 132.31, 129.47
23	C	118.57	-		
24	C	147.46	-		
OCH ₃	CH ₃	53.88	3.96, s		161.25

^aChemical shifts in ppm.



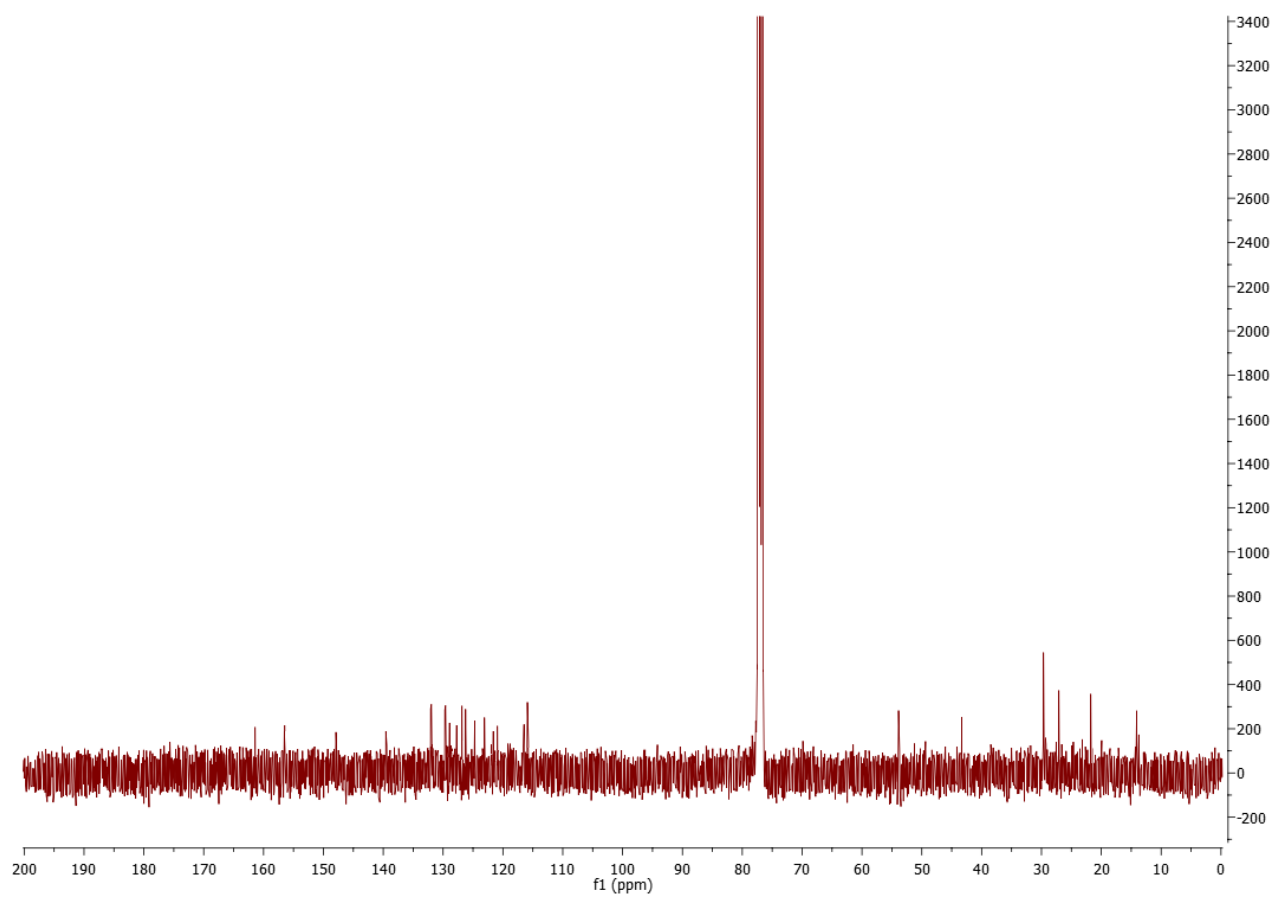
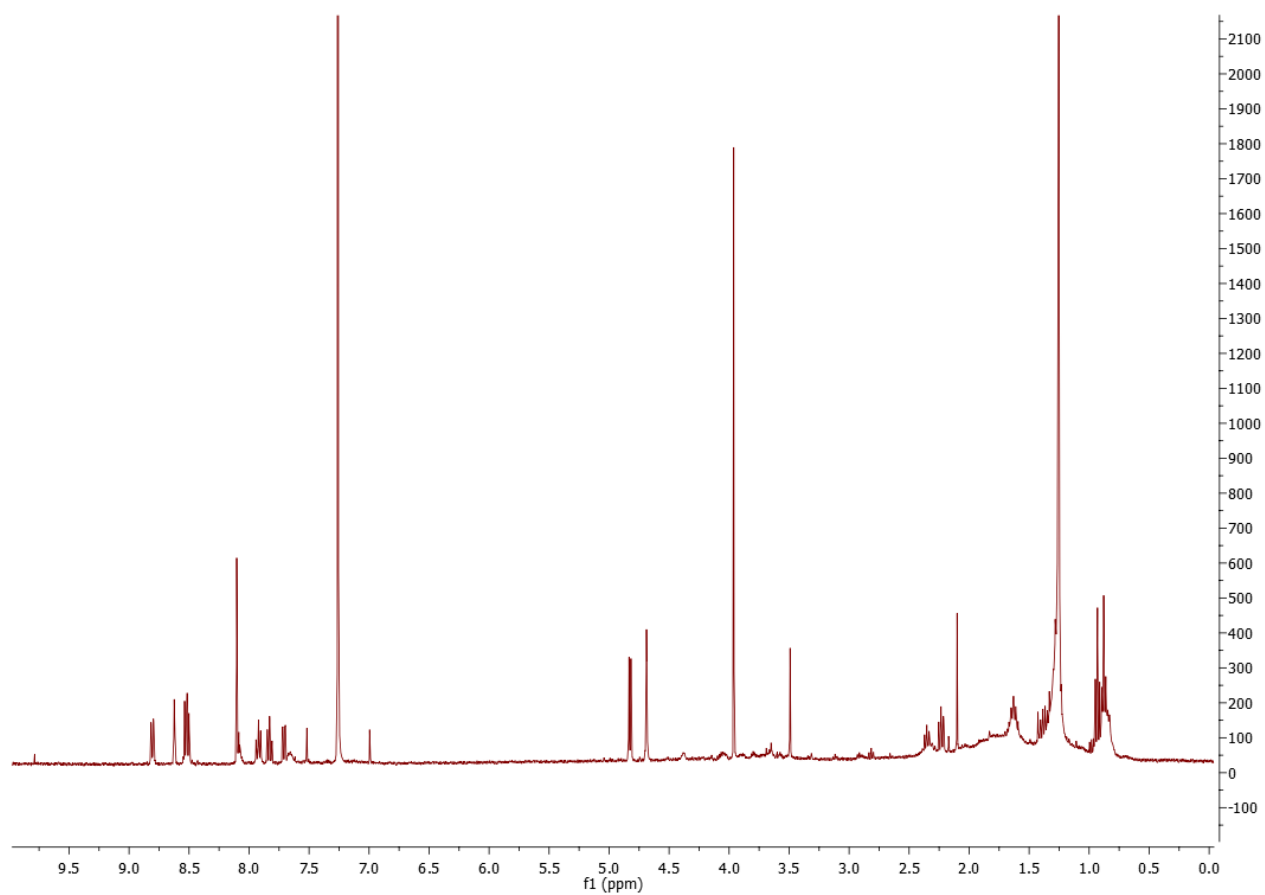


Table S10. Data obtained from the mono- and two-dimensional NMR analysis of DP9, in deuterated methanol (CD₃OD).

Position	Residue	¹³ C ^a	¹ H ^a , multiplicity (J in Hz)	¹ H- ¹ H COSY	¹ H- ¹³ C HMBC
1	C	170.20	-		
2	CH ₂	34.92	2.61, t (7.6)	1.78	170.20, 30.51, 22.50
3	CH ₂	30.51	1.78, quint (8.0)	2.61, 1.49	170.20, 34.92, 22.50, 13.10
4	CH ₂	22.50	1.49, sest (7.7)	1.78, 1.02	34.92, 30.51, 13.10
5	CH ₃	13.10	1.02, t (7.4)	1.49	30.51, 22.50,
7	CH ₂	46.28	4.60, s		170.20, 128.74, 115.85
8	C	138.87	-		
9	CH	115.85	8.68, d (1.2)	8.84	128.74, 123.59, 130.80, 46.28
10	C	130.80			
11	C	123.59			
12	CH	126.55	8.84, d (8.6)	8.68, 7.82	138.87, 130.80, 123.59
13	CH	128.74	7.82, dd (8.6, 1.2)	8.84	123.59, 115.85, 46.28
14	C	130.80	-		
15	CH	124.80	8.78, dd (8.8, 1.0)	8.02	130.86, 123.59, 119.54
16	CH	133.56	8.02, dt (8.8, 1.2)	8.78, 7.91	130.80, 126.45
17	CH	130.86	7.91, t (8.2, 1.0)	8.73, 8.02	124.80, 119.54
18	CH	126.45	8.73, d (7.7, 1.2)	7.91	148.47, 133.56, 130.80
19	C	119.54	-		
20	C	148.47	-		

^aChemical shifts in ppm.

