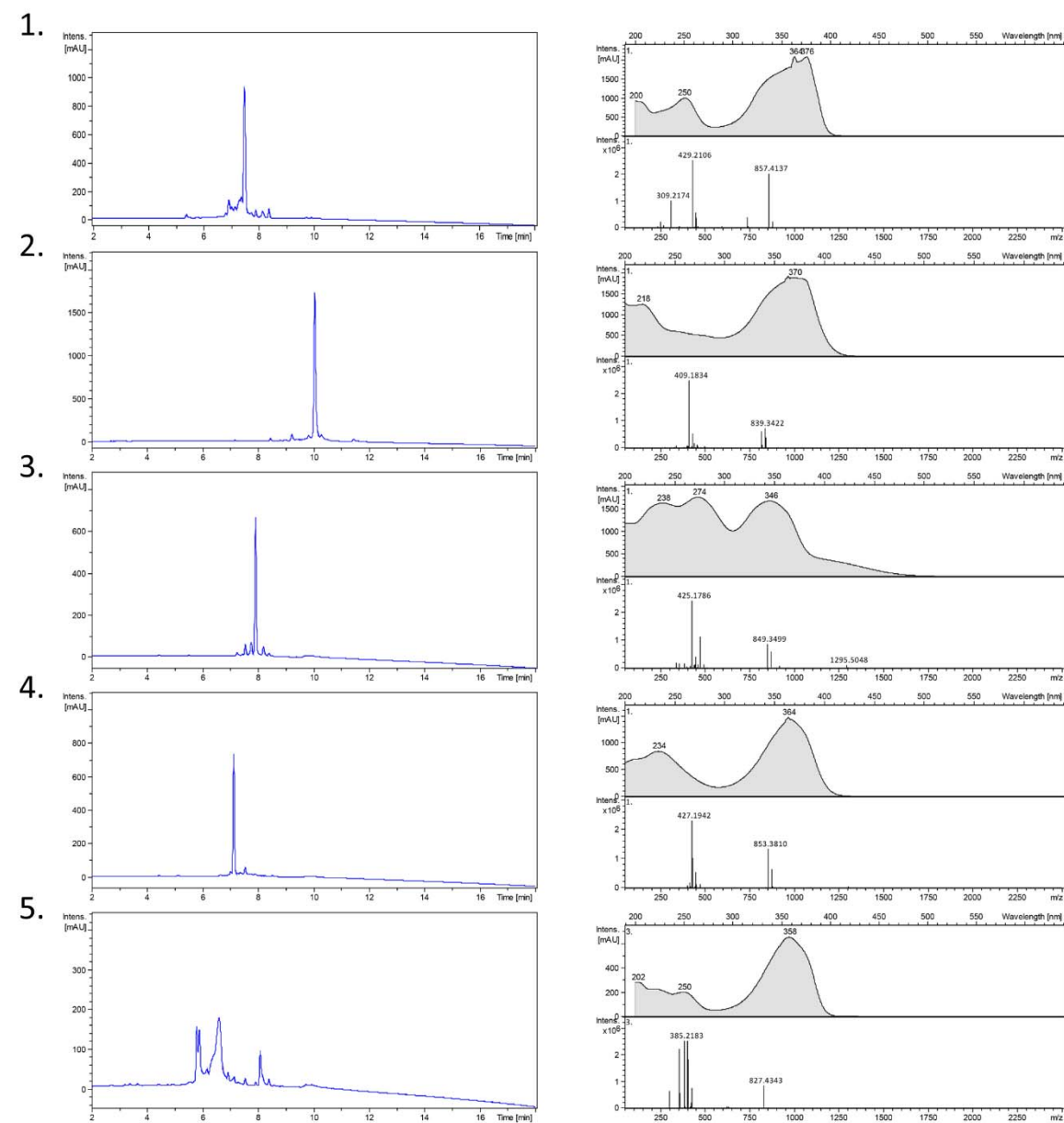
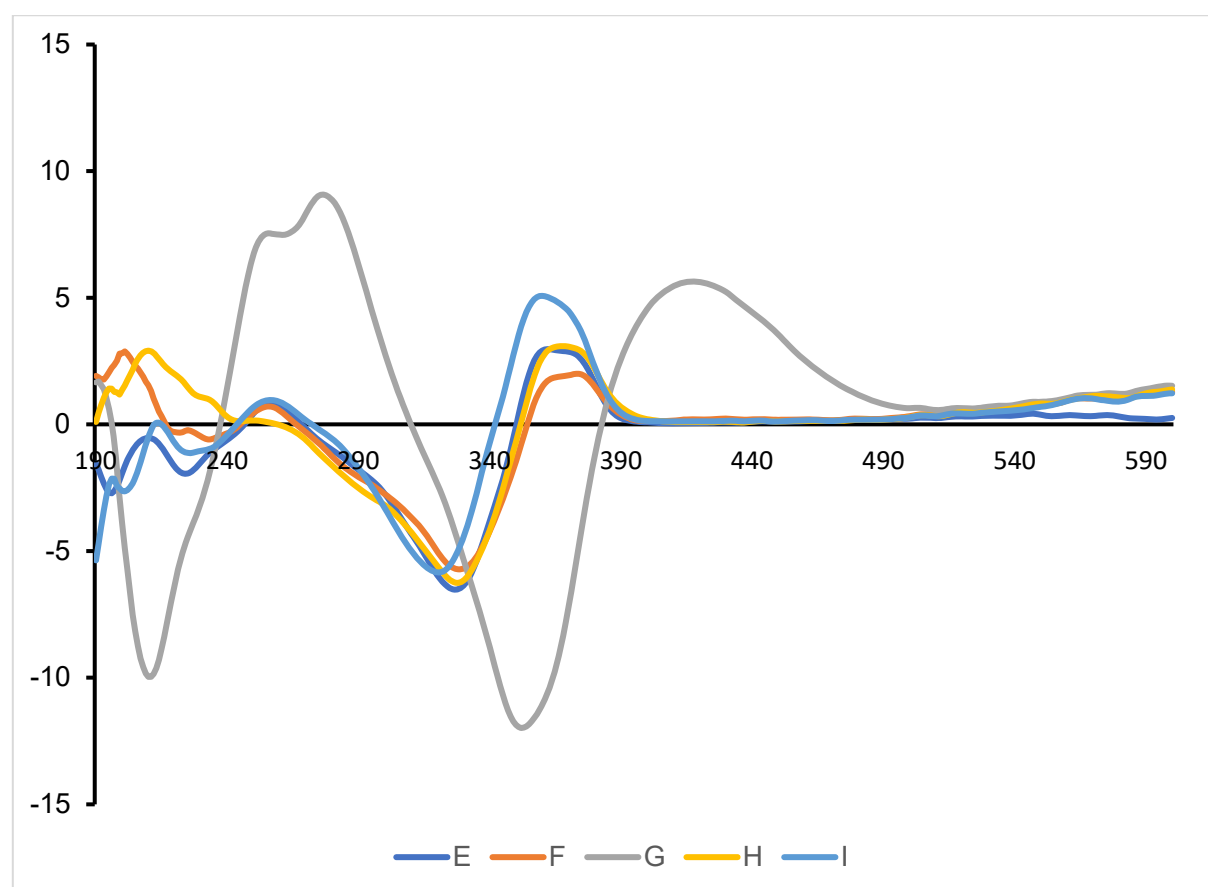


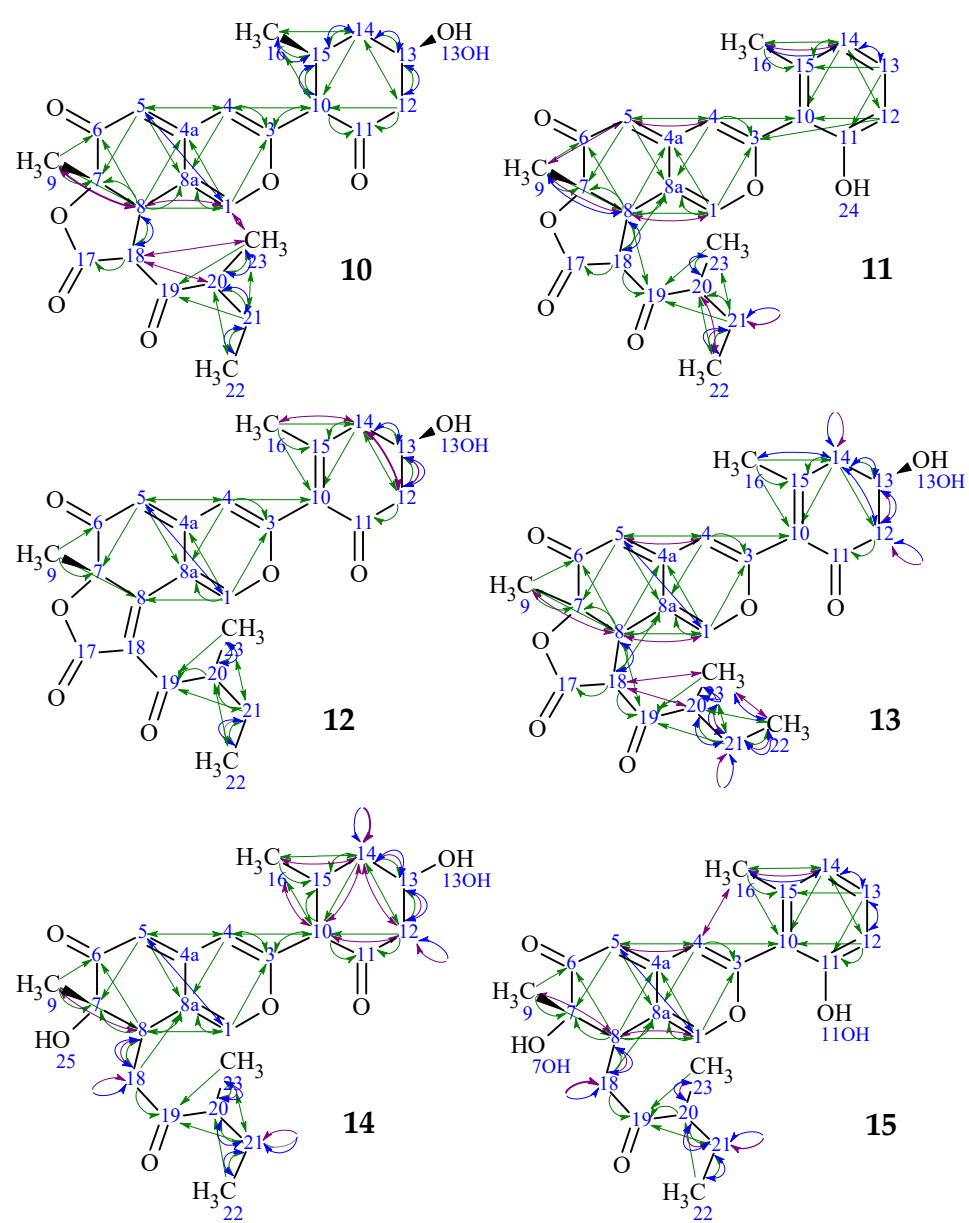
**Figure S1:** HPLC-UV/vis chromatograms of crude extracts of *Jackrogersella multiformis* at 210 nm. Peaks for multiformins A (6) - multiformin I (13) are marked with numbers.



**Figure S2.** HPLC-UV/Vis chromatograms at 210 nm and HR-ESI-MS(+) spectra of multiformins E-I (9-13).



**Figure S3.** ECD spectra of multiformins E-I in methanol from 190 nm – 600 nm.



**Figure S4.** COSY (blue arrows), HMBC (green arrows) and ROESY (violet arrows) correlations indicating the structures of multiformins E (10) – J (15)

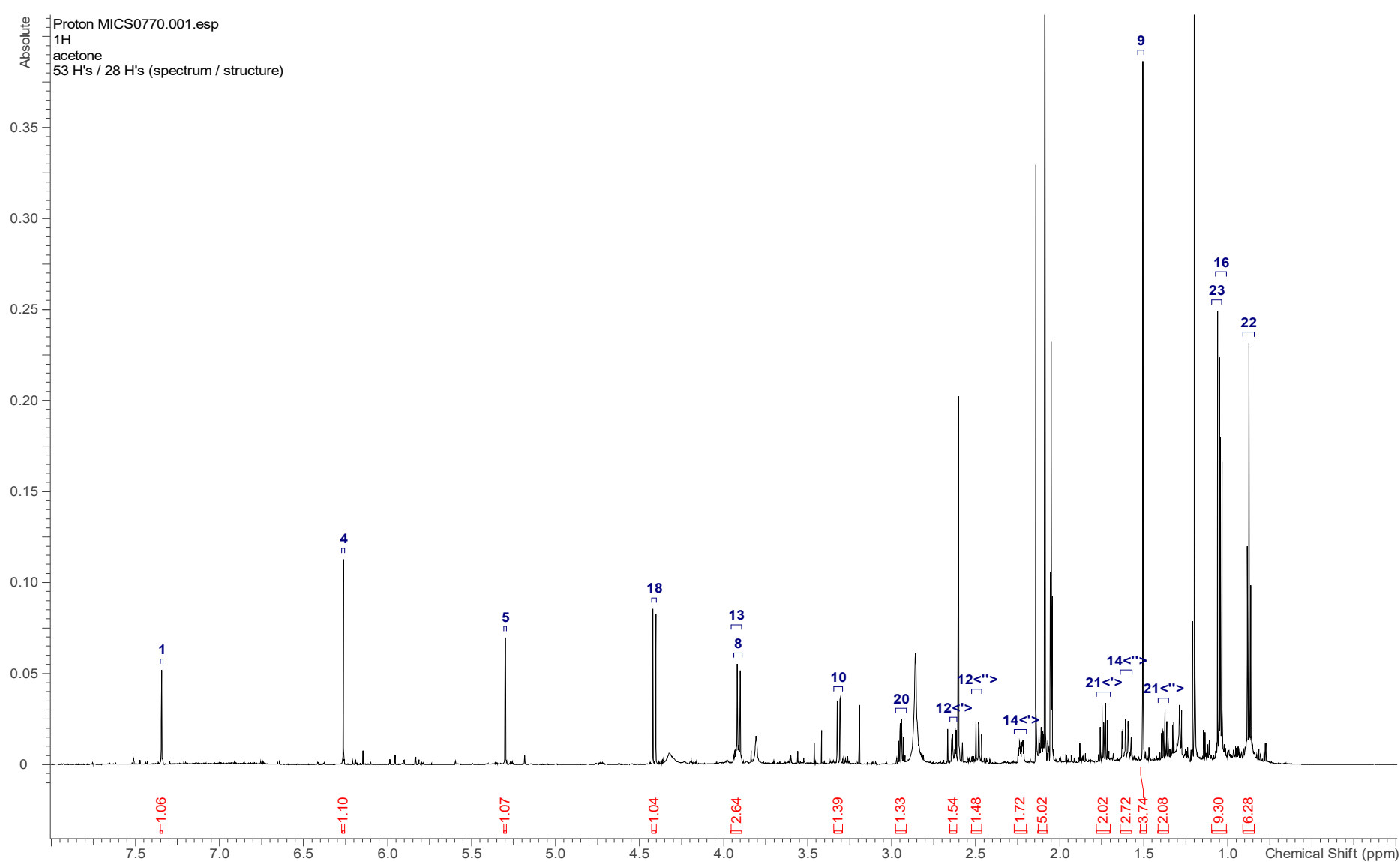


Figure S5. <sup>1</sup>H NMR spectrum (700 MHz, acetone-d<sub>6</sub>) of multiformin E (10).

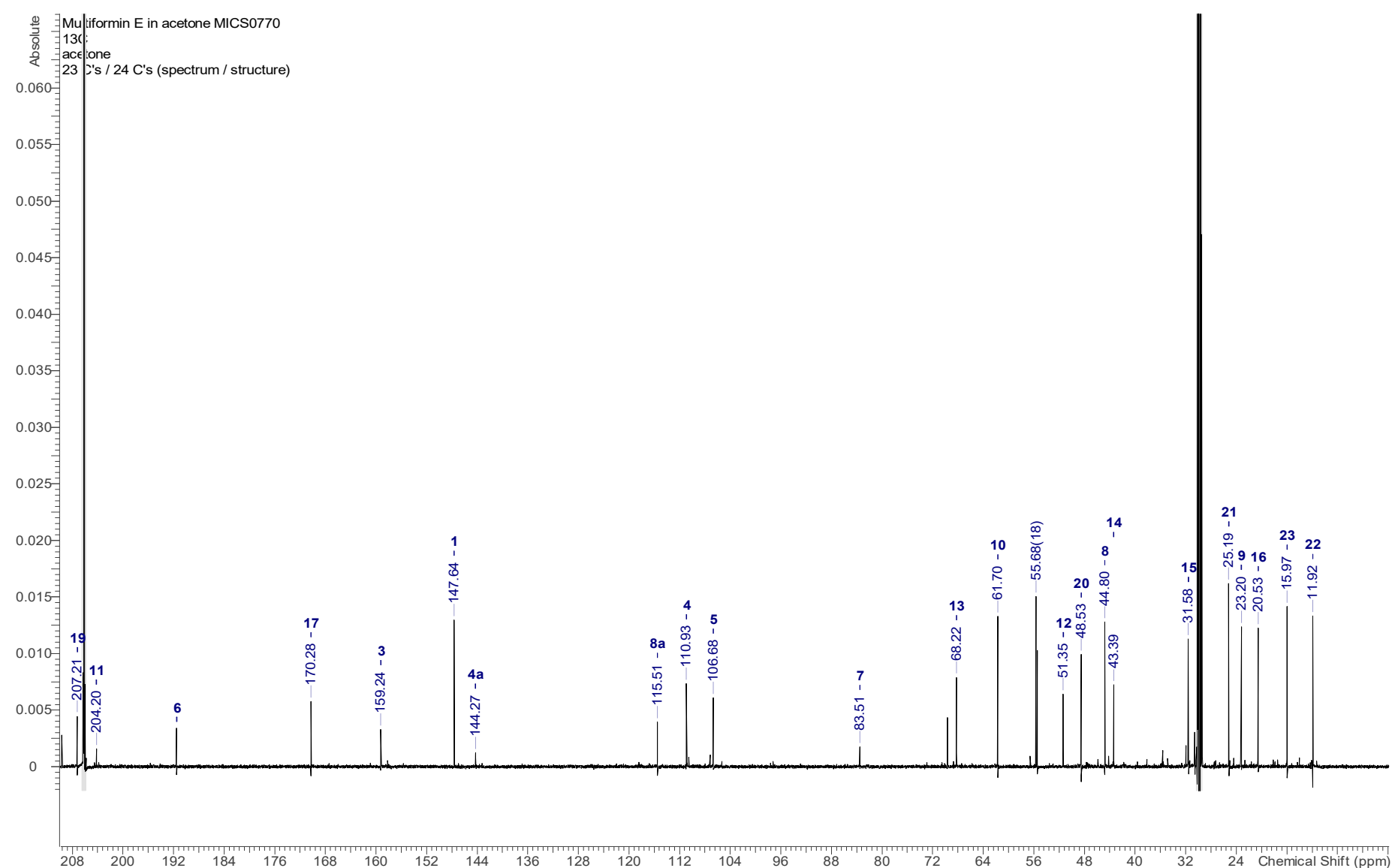
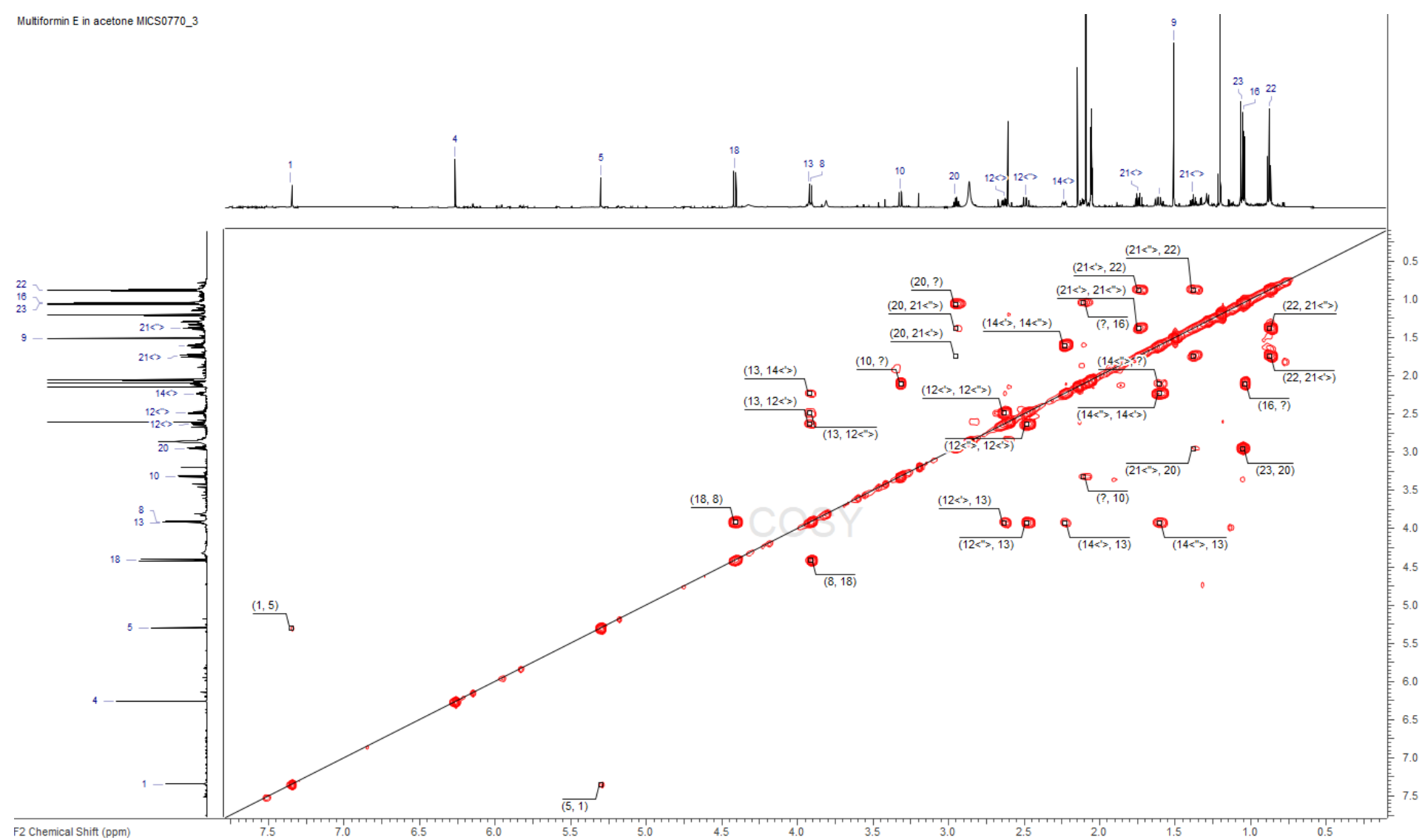
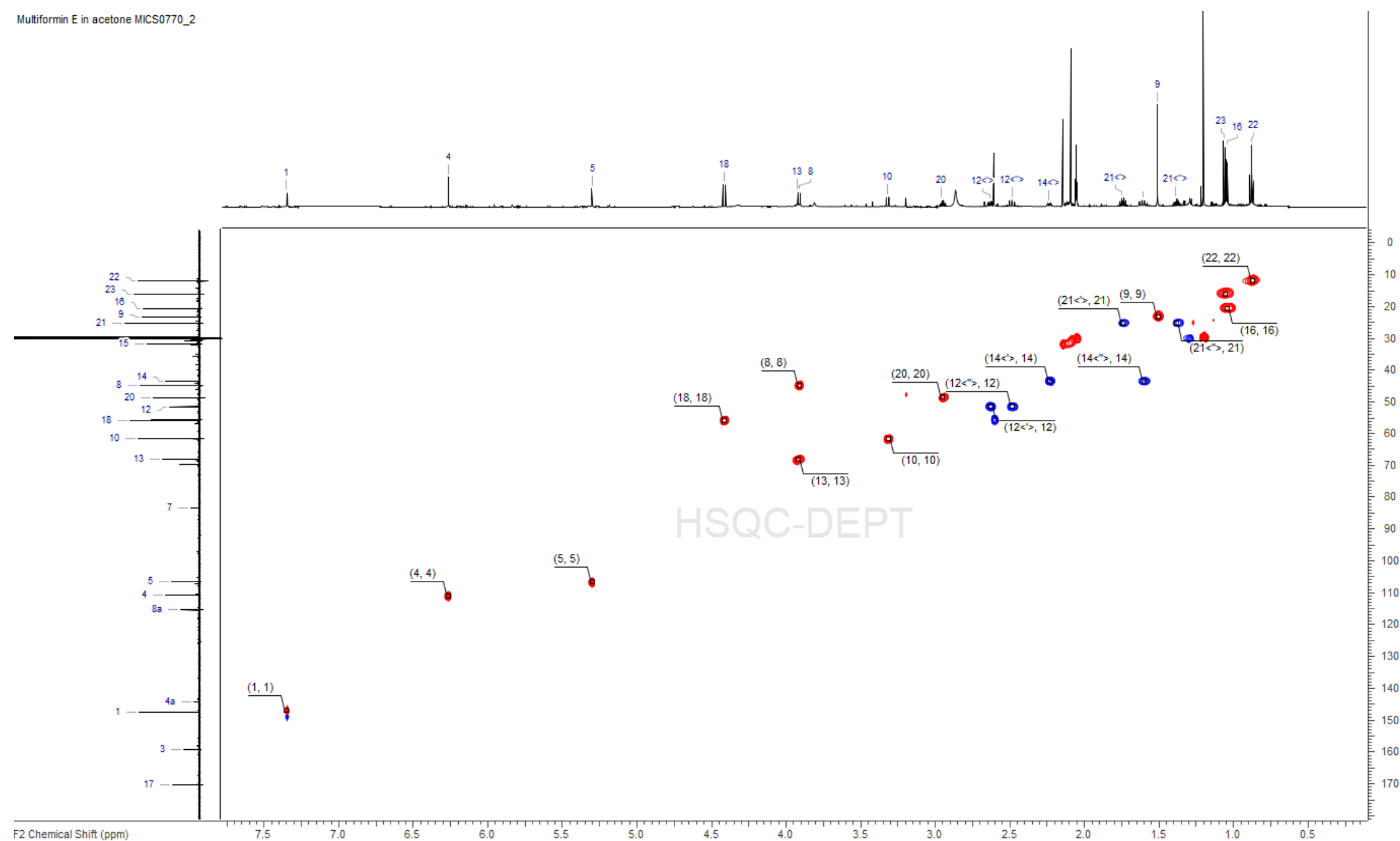


Figure S6. <sup>13</sup>C NMR spectrum (175 MHz, acetone-d<sub>6</sub>) of multiformin E (10).



**Figure S7.** COSY NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin E (**10**).



**Figure S8.** HSQC NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin E (**10**).

[illegible]

**Figure S10.** ROESY NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin E (**10**).

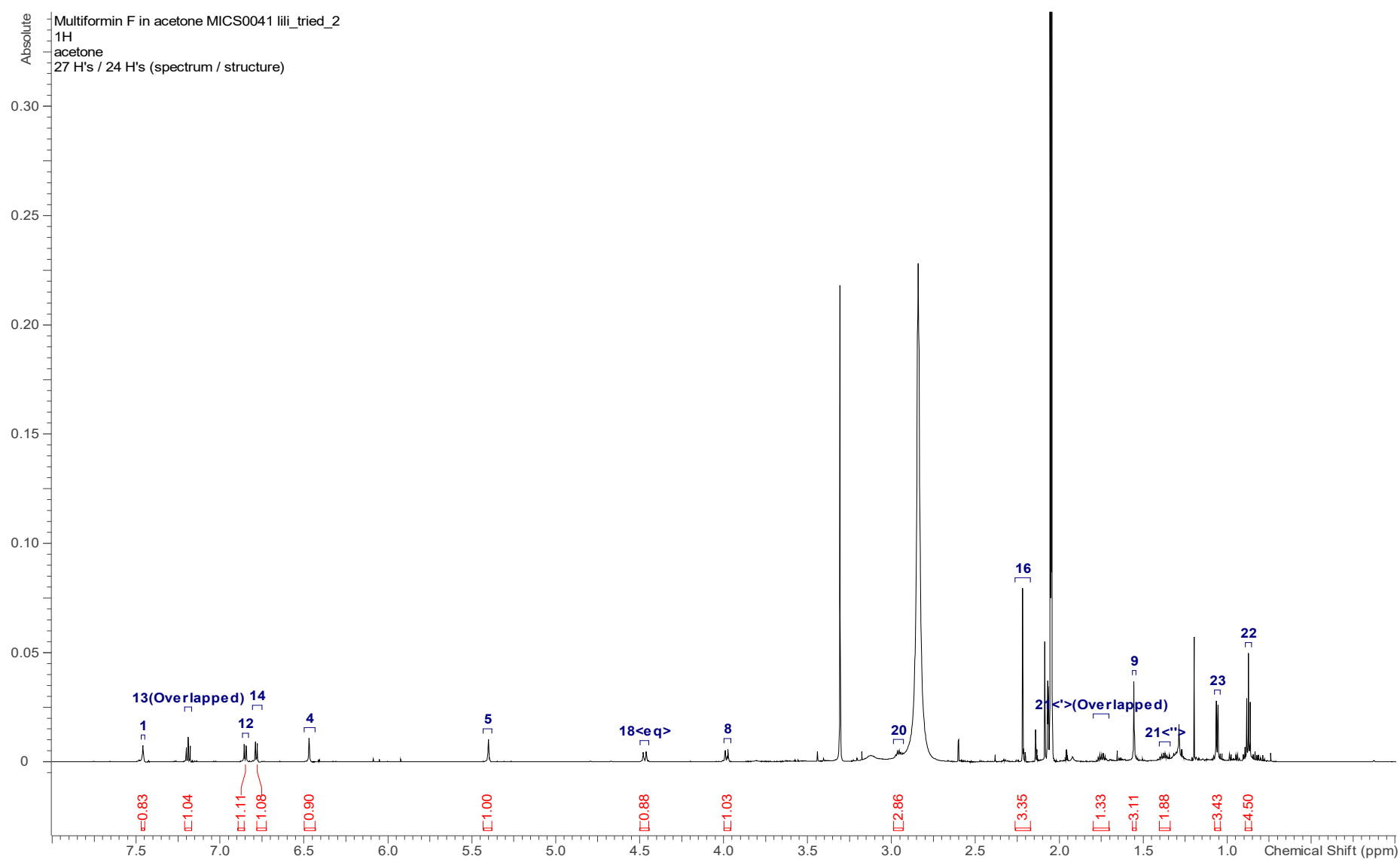


Figure S11. <sup>1</sup>H NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin F (**11**).

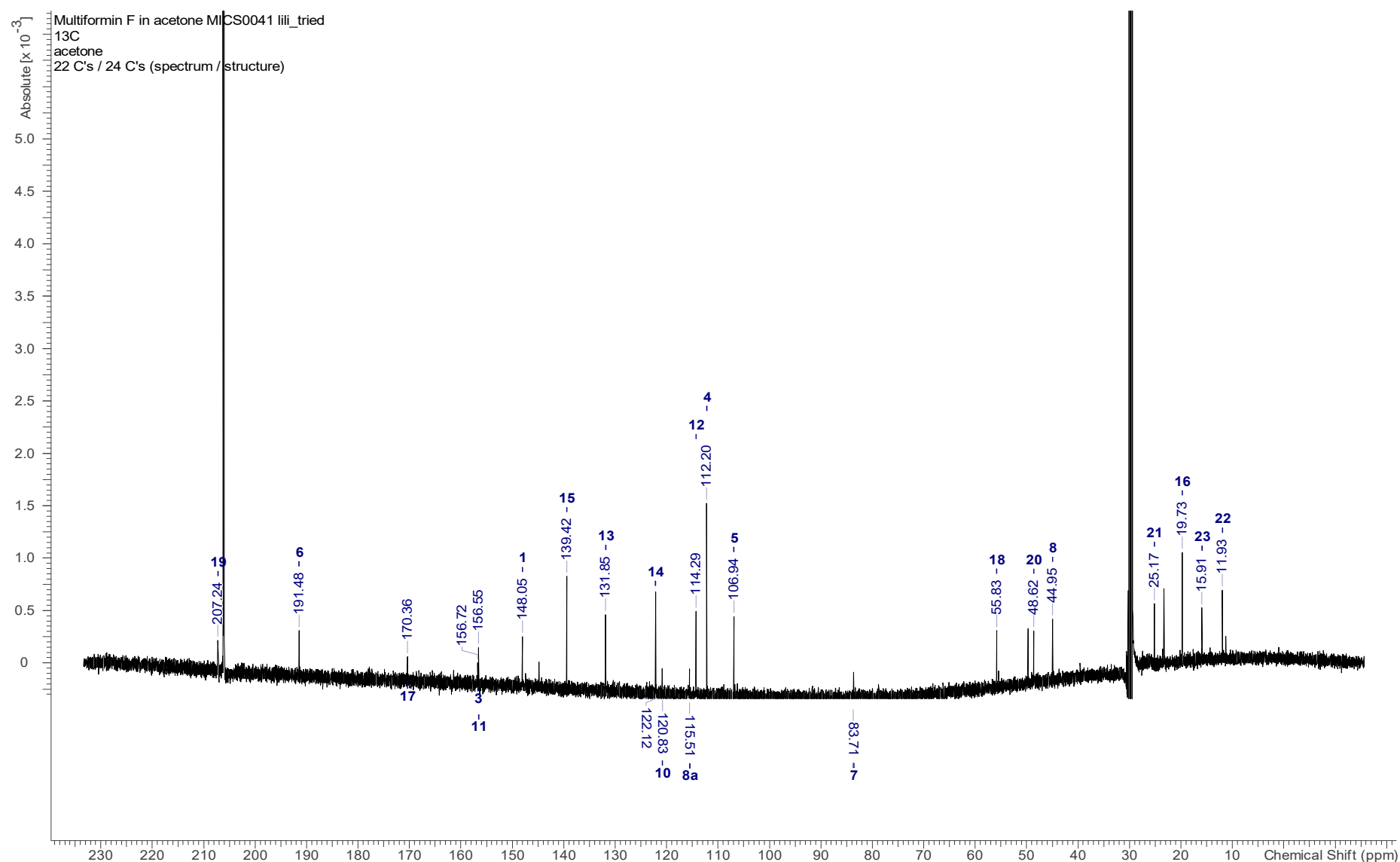


Figure S12. <sup>13</sup>C NMR spectrum (175 MHz, acetone-*d*<sub>6</sub>) of multiformin F (**11**).

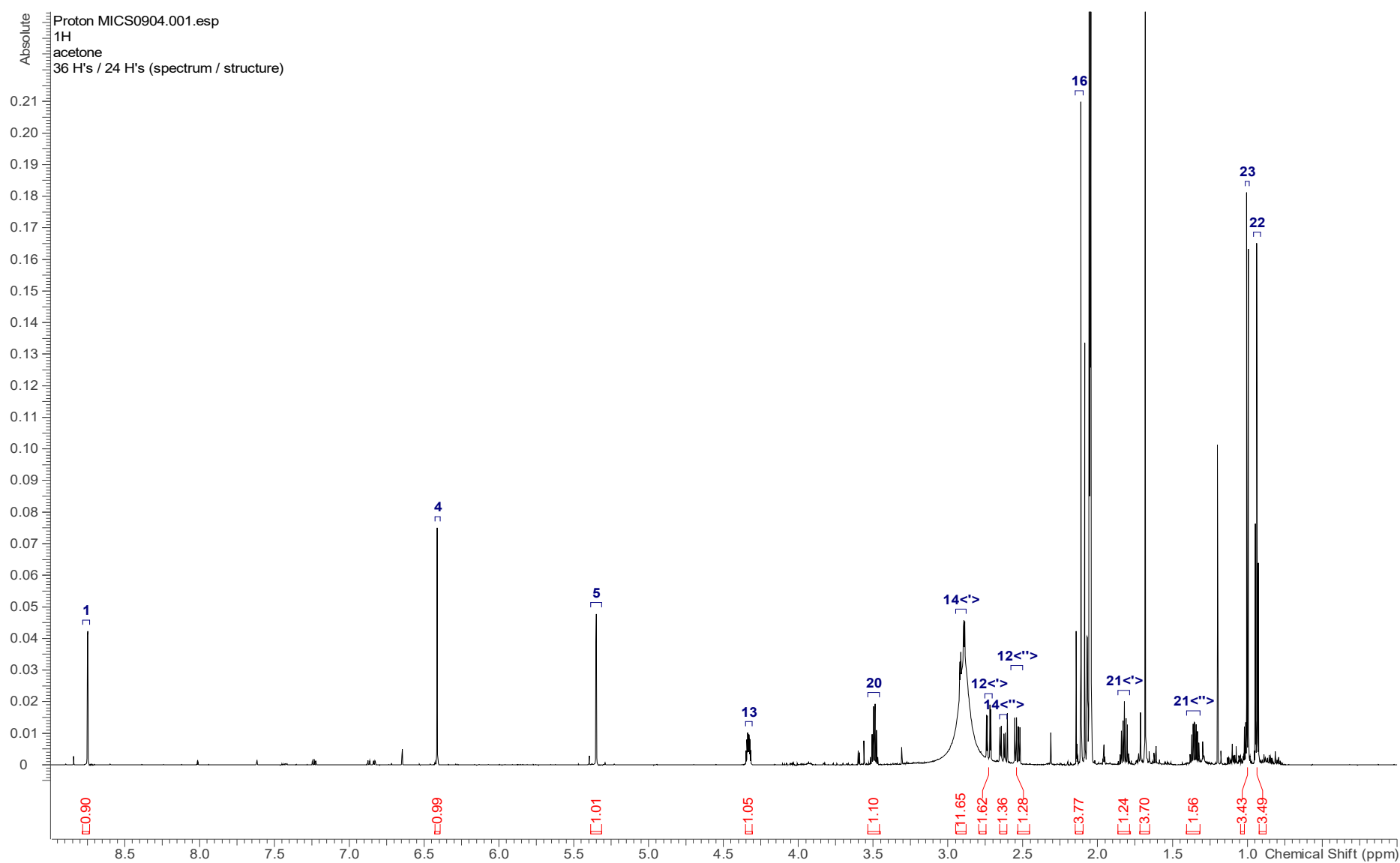


Figure S13.  $^1\text{H}$  NMR spectrum (700 MHz, acetone- $d_6$ ) of multiformin G (12).

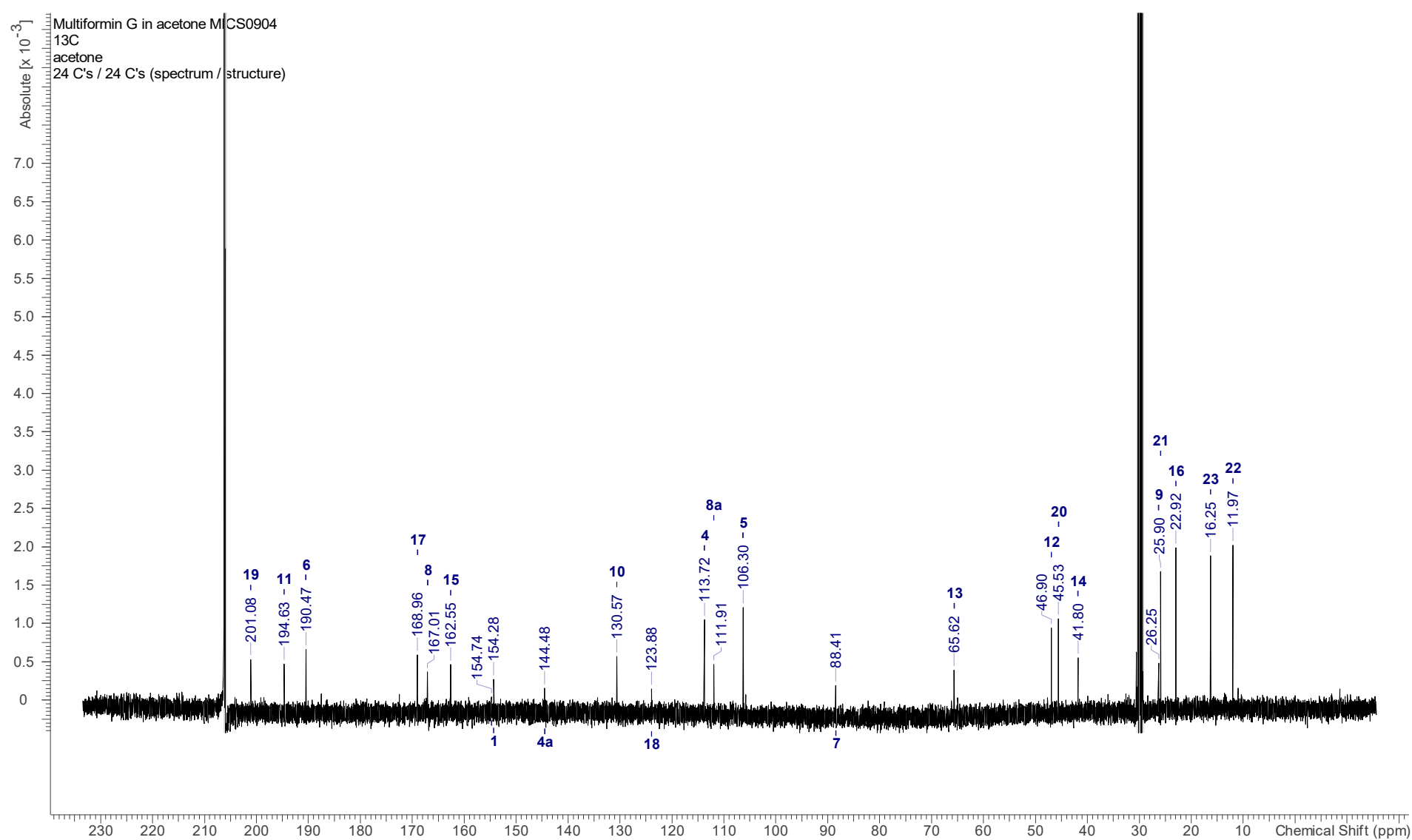


Figure S14.  $^{13}\text{C}$  NMR spectrum (175 MHz, acetone- $d_6$ ) of multiformin G (12).

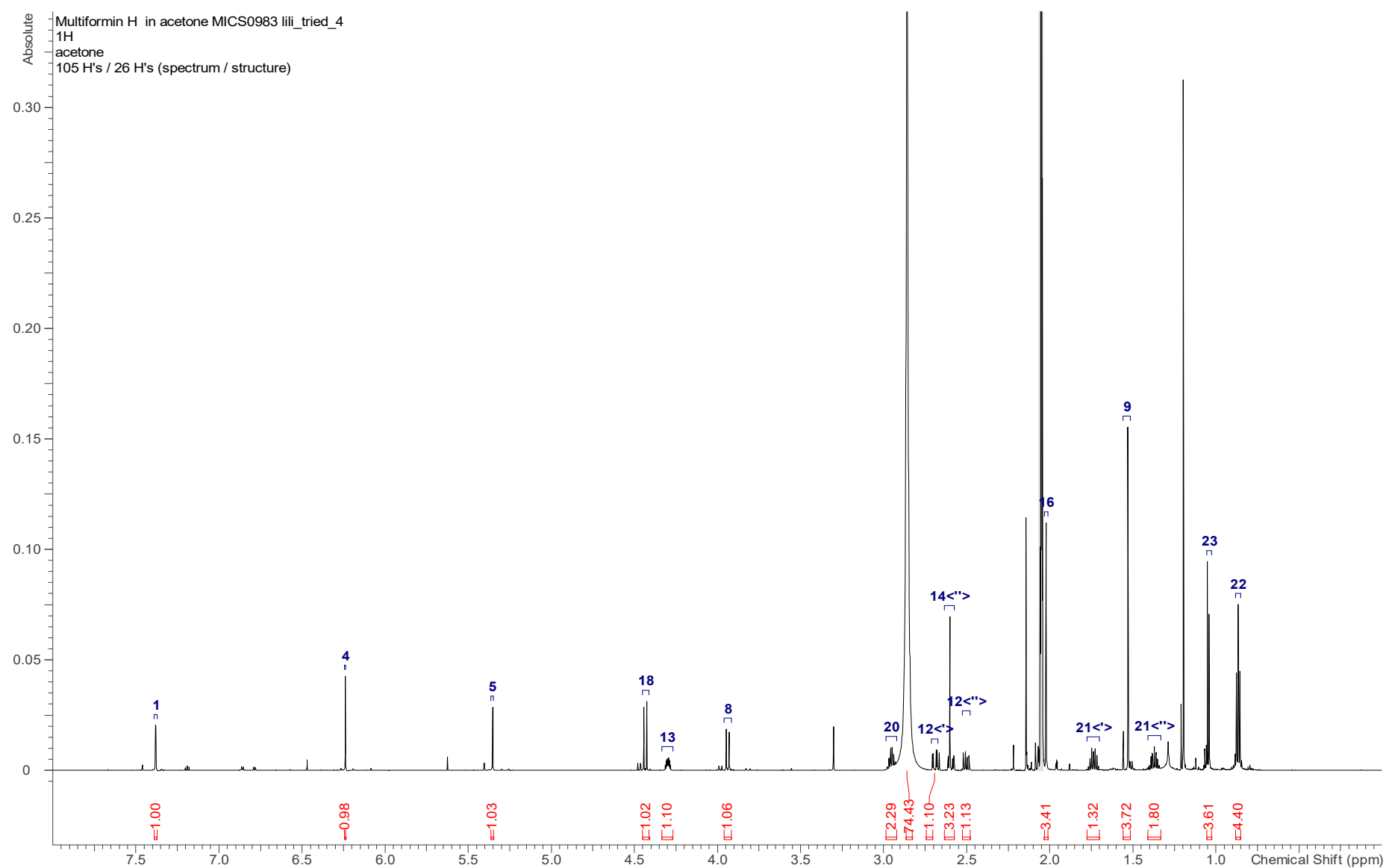


Figure S15. <sup>1</sup>H NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin H (13).

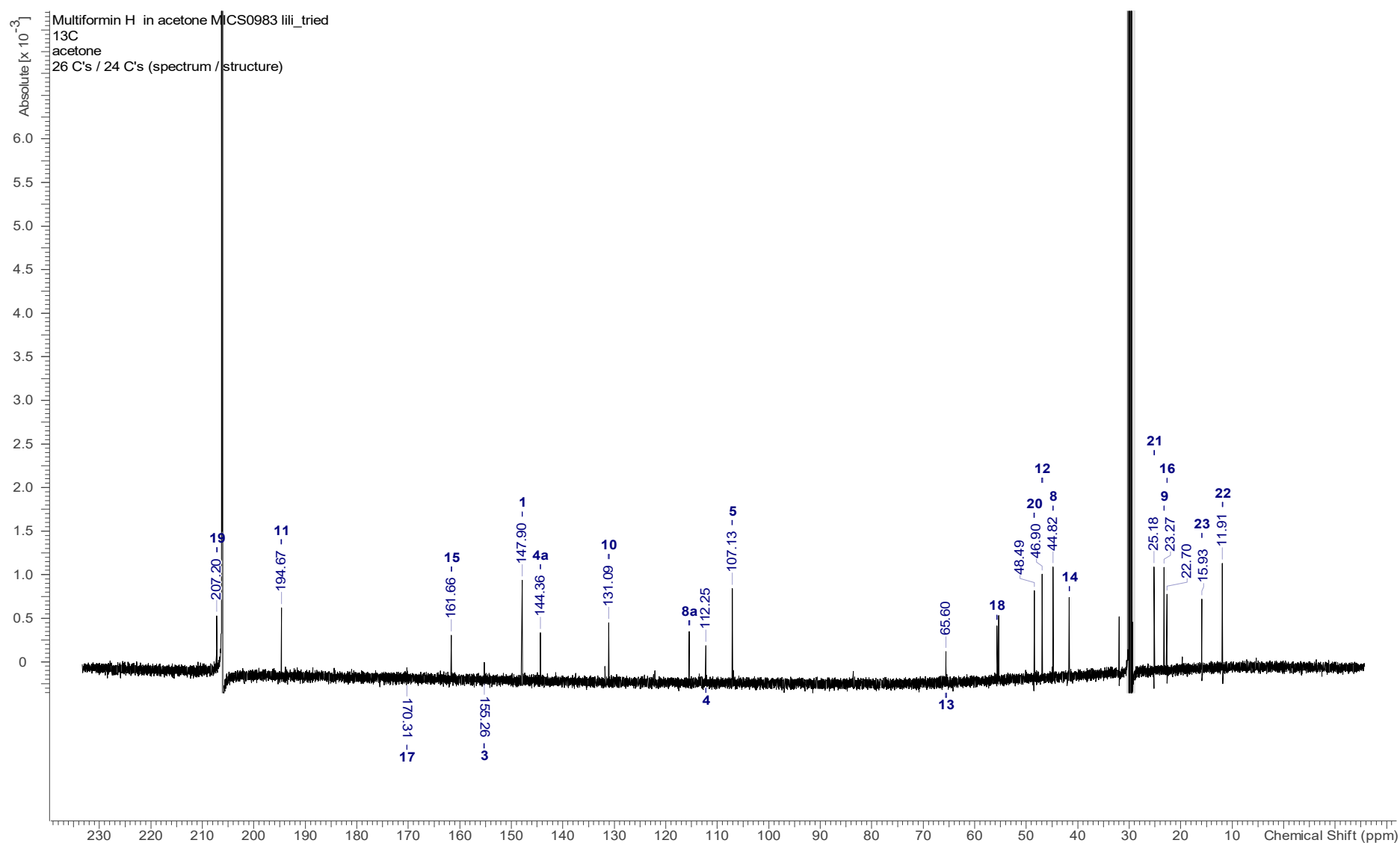


Figure S16. <sup>13</sup>C NMR spectrum (175 MHz, acetone-*d*<sub>6</sub>) of multiformin H (13).

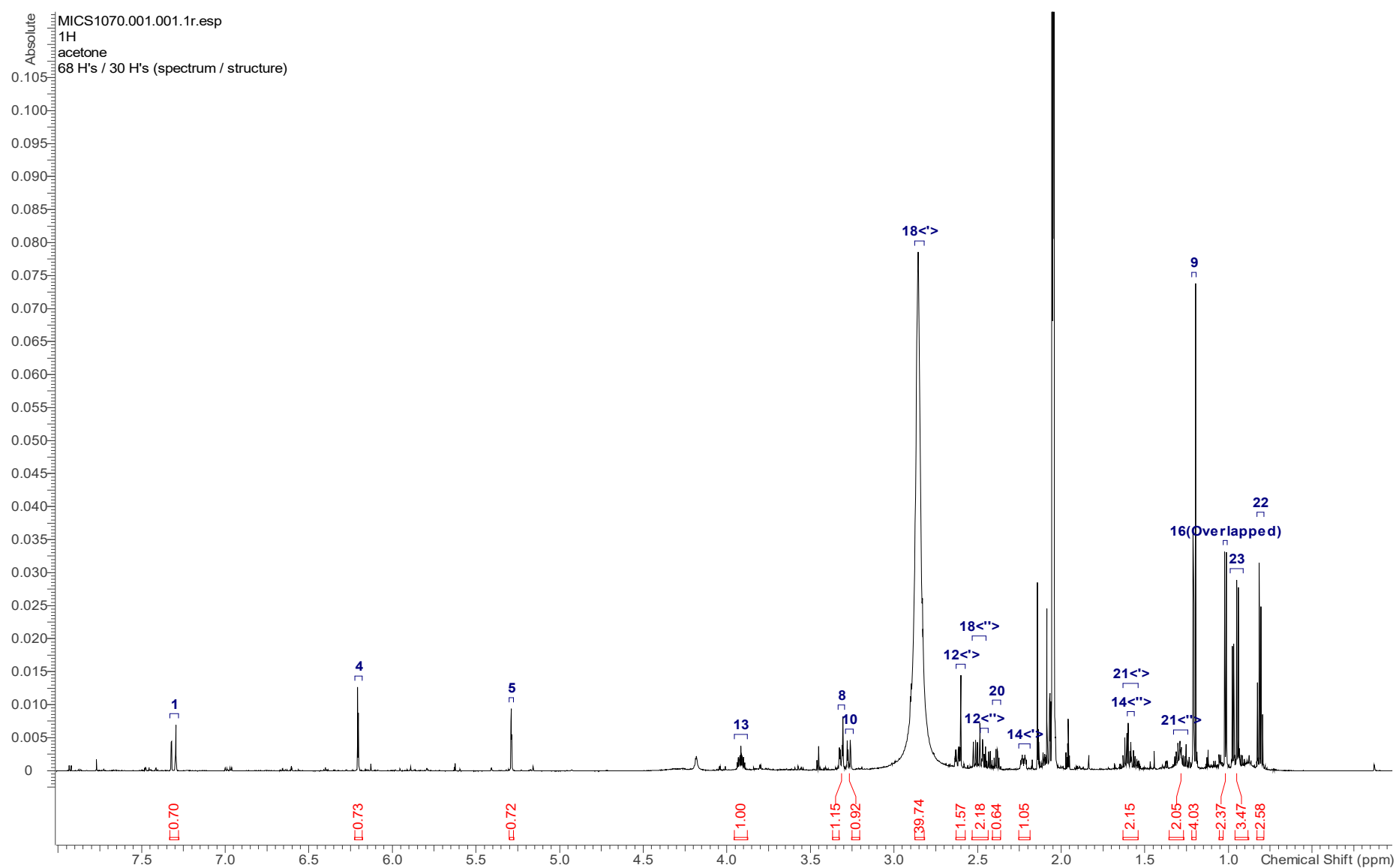


Figure S17. <sup>1</sup>H NMR spectrum (700 MHz, acetone-*d*<sub>6</sub>) of multiformin I (14).

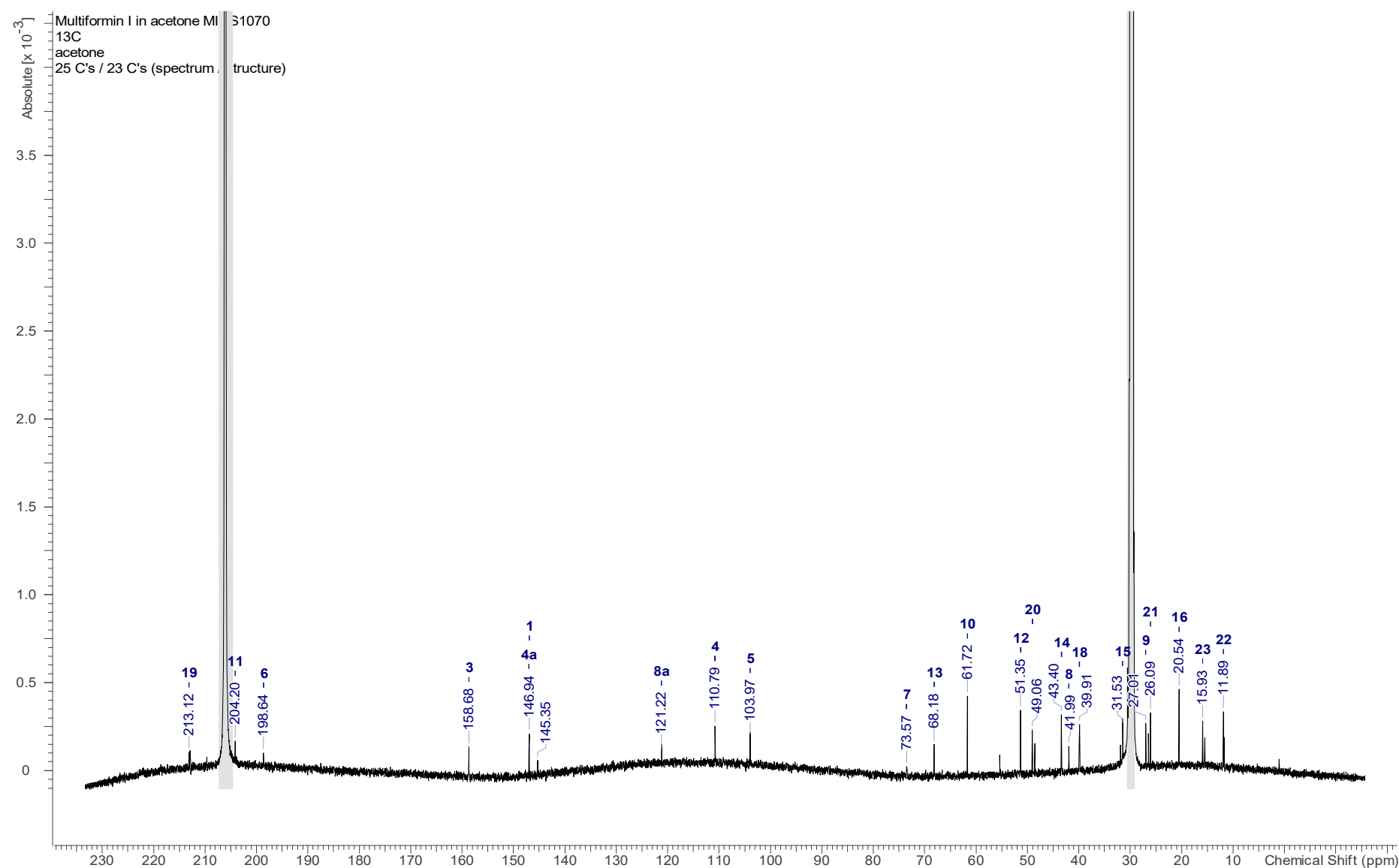


Figure S18. <sup>13</sup>C NMR spectrum (175 MHz, acetone-*d*<sub>6</sub>) of multiformin I (14).

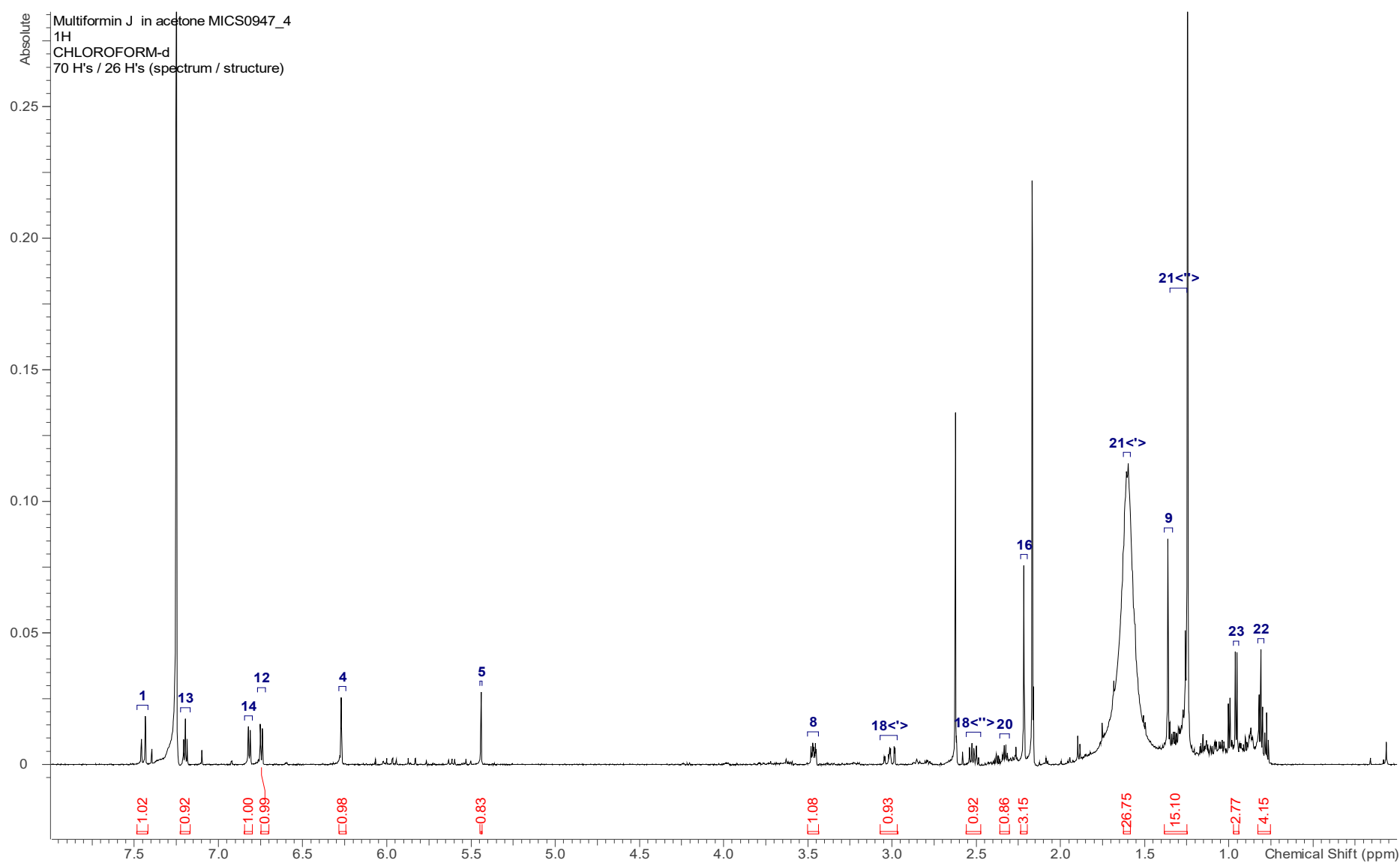


Figure S19.  $^1\text{H}$  NMR spectrum (700 MHz,  $\text{CDCl}_3\text{-}d$ ) of multiformin J (15).

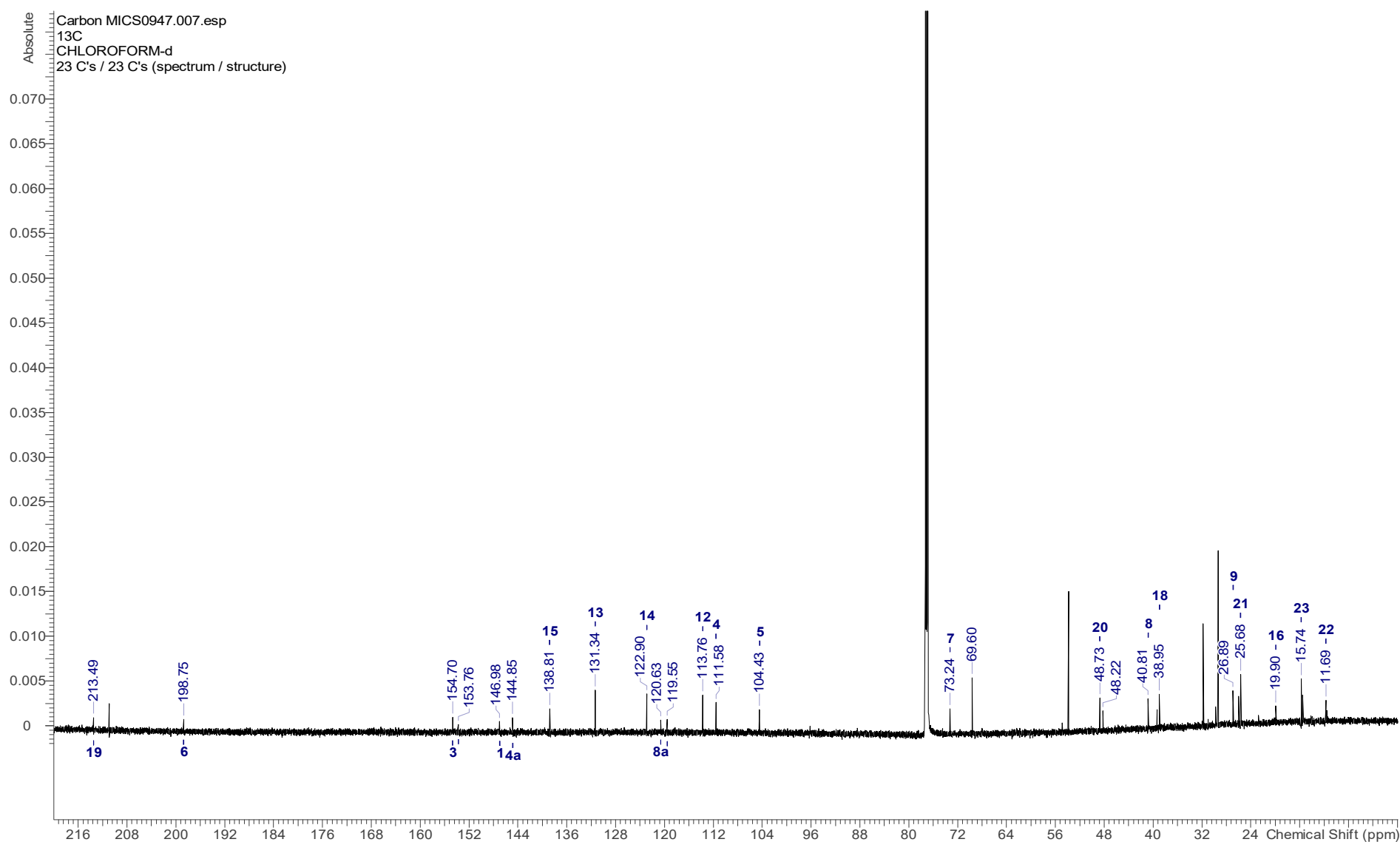


Figure S20.  $^{13}\text{C}$  NMR spectrum (175 MHz,  $\text{CDCl}_3\text{-}d$ ) of multiformin J (15).

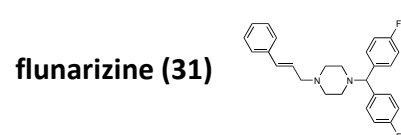
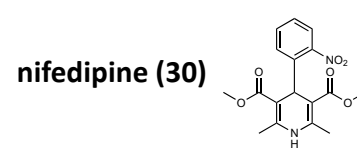
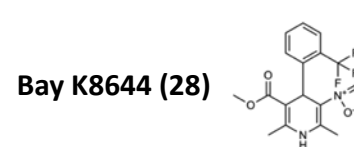
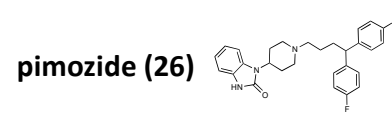
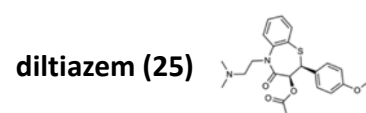
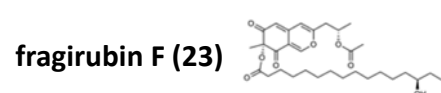
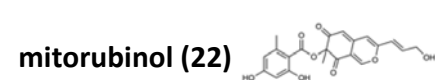
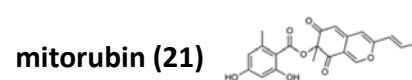
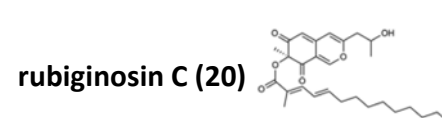
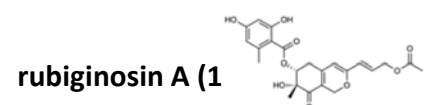
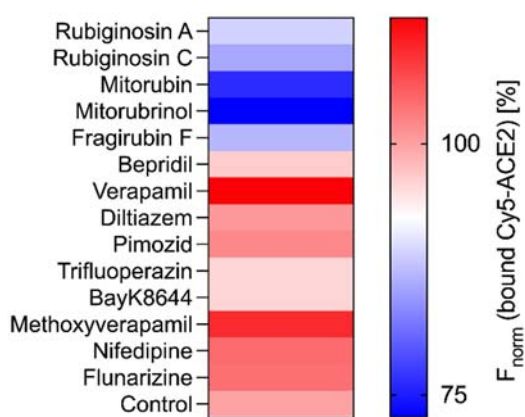


Figure S21. Compounds tested in the microarray-based assay.



**Figure S22.** Heat map showing binding inhibition of ACE2 and spike protein by substances **19-31**. The fluorescence intensity is given in percentage compared to Cy5-ACE2 binding in control without substance

**Table S1.** Cytotoxicity of cohaerins (**1-5**) and multiformins (**6-15**) tested on mouse fibroblast L-929 cancer cells and KB3.1 ACC 158 cells. \*no cytotoxic activity, \*\*no cytotoxic activity, only inhibition of proliferation.

No.	Name	Cytotoxicity mouse fibroblast L-929 cancer cells (µg/mL) [30]	Cytotoxicity KB3.1 ACC 158 cells (IC50 µg/mL)
1	Cohaerin C	9.8	20
2	Cohaerin D	1.5	n.d.
3	Cohaerin E	7.0	n.d.
4	Cohaerin F	0.6	17
5	Cohaerin G	>10	2.4
6	Multiformin A	n.d.	3.0
7	Multiformin B	n.d.	17
8	Multiformin C	n.d.	23
9	Multiformin D	n.d.	*
10	Multiformin E	n.d.	30
11	Multiformin F	n.d.	7.4
12	Multiformin G	n.d.	*
13	Multiformin H	n.d.	24**
14	Multiformin I	n.d.	**
15	Multiformin J	n.d.	n.d.

**Table S2.** All tested substances in the microarray-based screening assay. Inhibition of ACE2 and spike protein binding is given in percentage based on fluorescence signal of control without substance.

No.	Name	Concentration (µM)	Inhibition (%)
1	Cohaerin C	40	24.98
2	Cohaerin D	40	45.05
3	Cohaerin E	40	35.96
4	Cohaerin F	40	55.65
5	Cohaerin G	40	−2.04
6	Multiformin A	40	18.10
7	Multiformin B	40	1.94
8	Multiformin C	40	23.53
9	Multiformin D	40	16.44
10	Multiformin E	40	n.d.
11	Multiformin F	40	5.19
12	Multiformin G	40	13.39
13	Multiformin H	40	−9.45
14	Multiformin I	40	−15.05
15	Multiformin J	40	31.40

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16	Mycophenolic acid (MPA)	40	25.31
17	Imatinib	40	-9.45
18	Quinacrine dihydrochloride (QNHC)	40	20.08
19	Rubiginosin A	22	10.88
20	Rubiginosin C	22	14.18
21	Mitorubin	26	23.90
22	Mitorubinol	25	27.18
23	Fragirubin F	18	12.99
24	Bepridil	27	3.40
25	Diltiazem	24	-0.68
26	Pimozid	22	-1.84
27	Trifluoperazin	25	4.06
28	BayK8644	28	4.11
29	Methoxyverapamil	19	-9.32
30	Nifedipine	29	-4.25
31	Flunarizine	25	-3.80

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