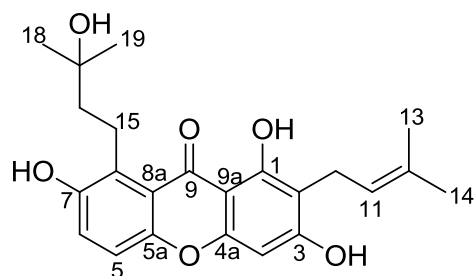


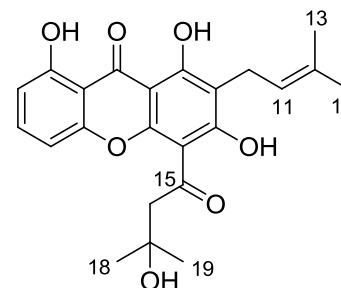
Supplementary Materials

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1,3,7-trihydroxy-2-(3-methyl-2-butenyl)-8-(3-hydroxy-3-methylbutyl)-xanthone (**1**)



1,3,8-trihydroxy-2-(3-methyl-2-butenyl)-4-(3-hydroxy-3-methylbutanoyl)-xanthone (**2**)

Figure S1. HREIMS of compound 1.

SPECTRUM - MS

File : D:\DATA-HR\13\092605-sz-c3.RAW

Full ms [390.500 - 408.500] - Range: 398.100 - 398.300

Scan No. 1 of 23

Scan #: 1

RT: 0.04

Data points: 1

Mass	Relative Intensity	Theoretical Mass	Delta [ppm]	Delta [mmu]	RDB	Composition
398.1725	9.1	398.1724	0.3	0.1	11.0	C ₂₃ H ₂₆ O ₆

Instrument: MAT 95XP(Thermo)
D:\DATA-HR\13\092605-sz-c3

9/26/2013 5:03:22

?LC1-CC1

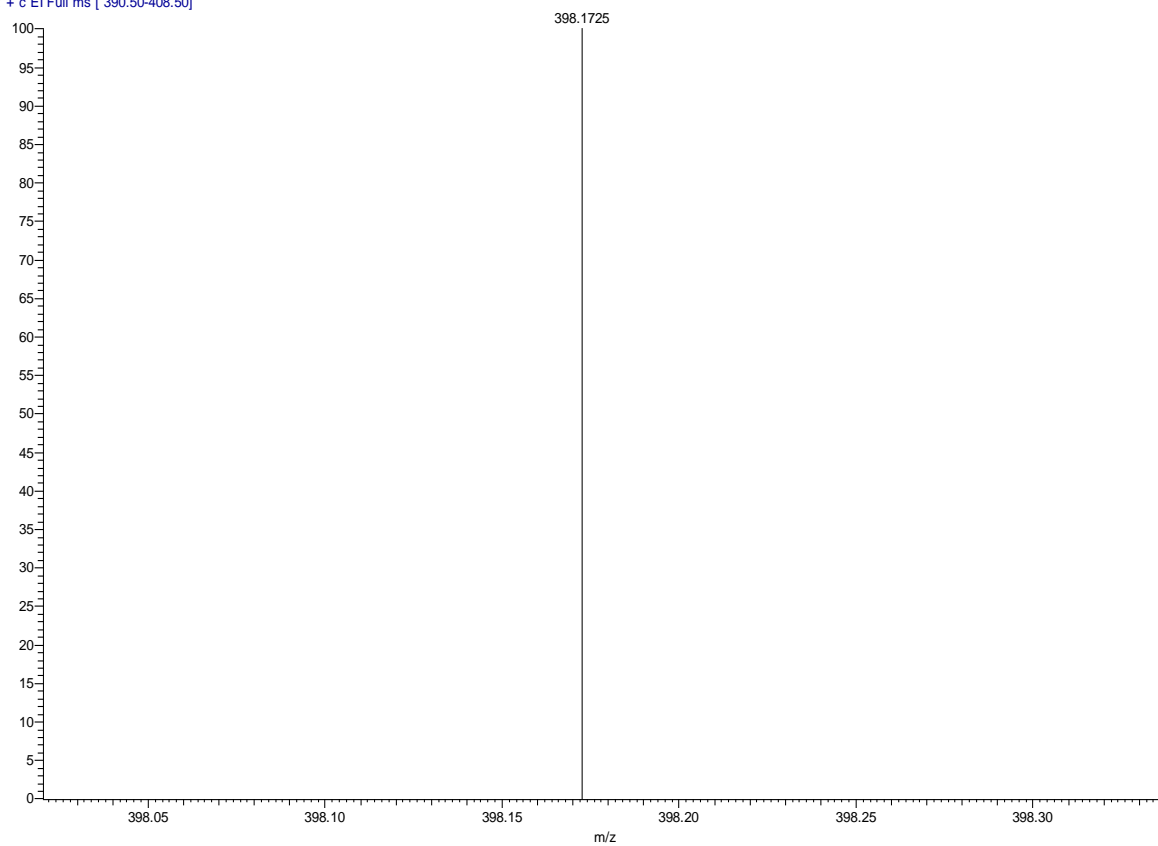
092605-sz-c3 #1 RT: 0.04 AV: 1 NL: 1.10E3
T: + c EI Full ms [390.50-408.50]

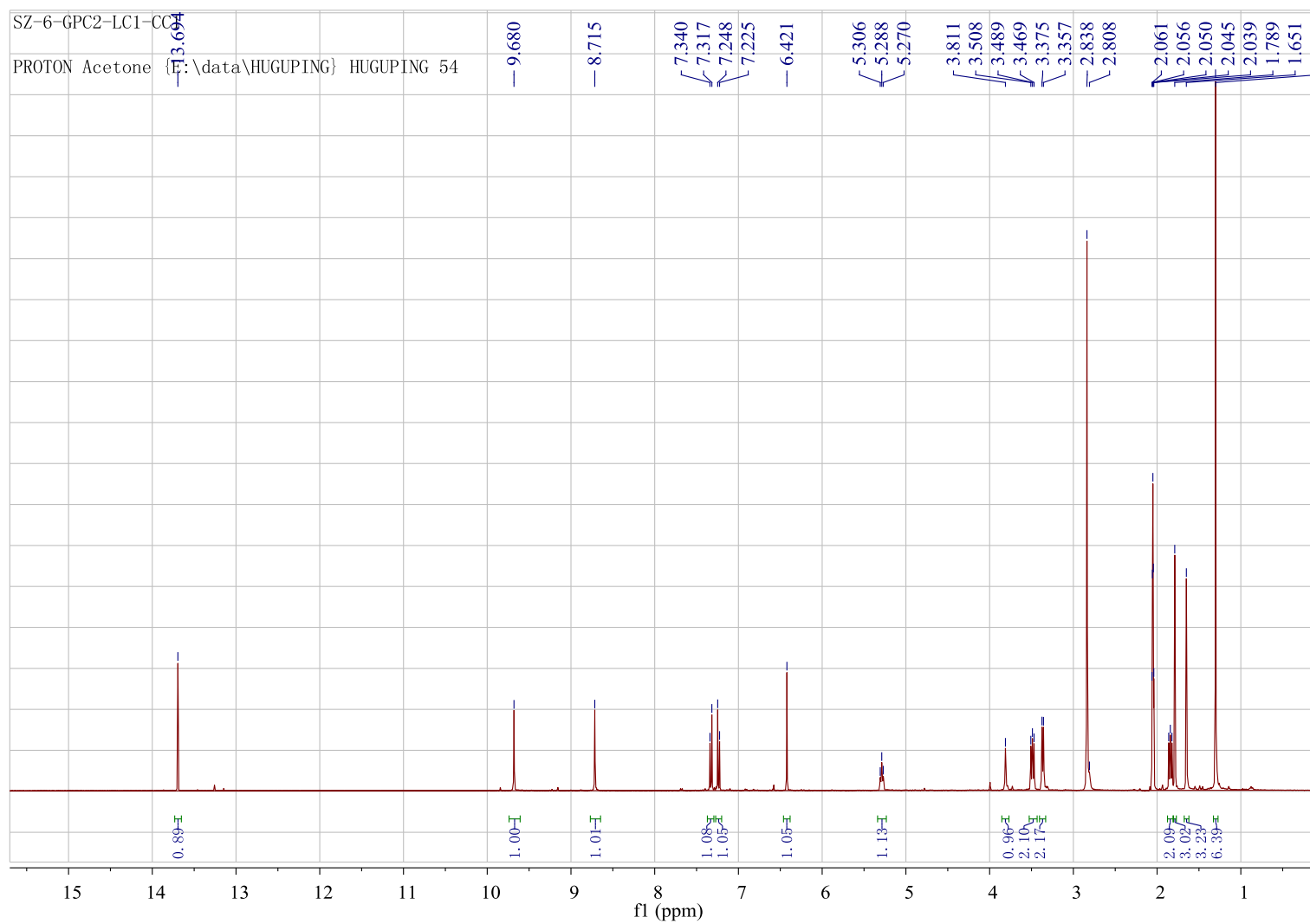
Figure S2. $^1\text{H-NMR}$ (400 MHz, acetone- d_6) spectrum of compound 1.

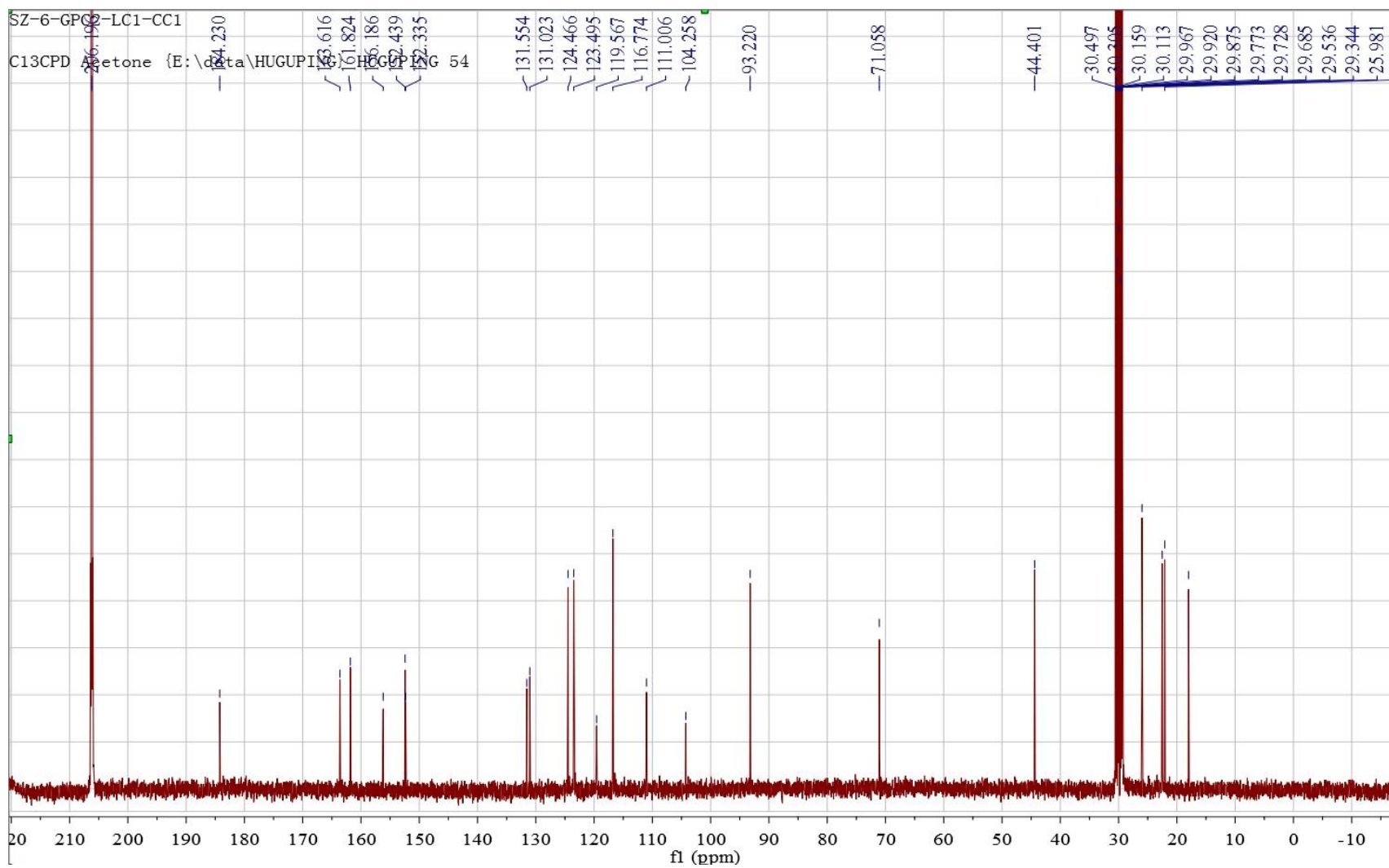
Figure S3. ^{13}C -NMR (100 MHz, acetone- d_6) spectrum of compound 1.

Figure S4. gHMQC of compound 1.

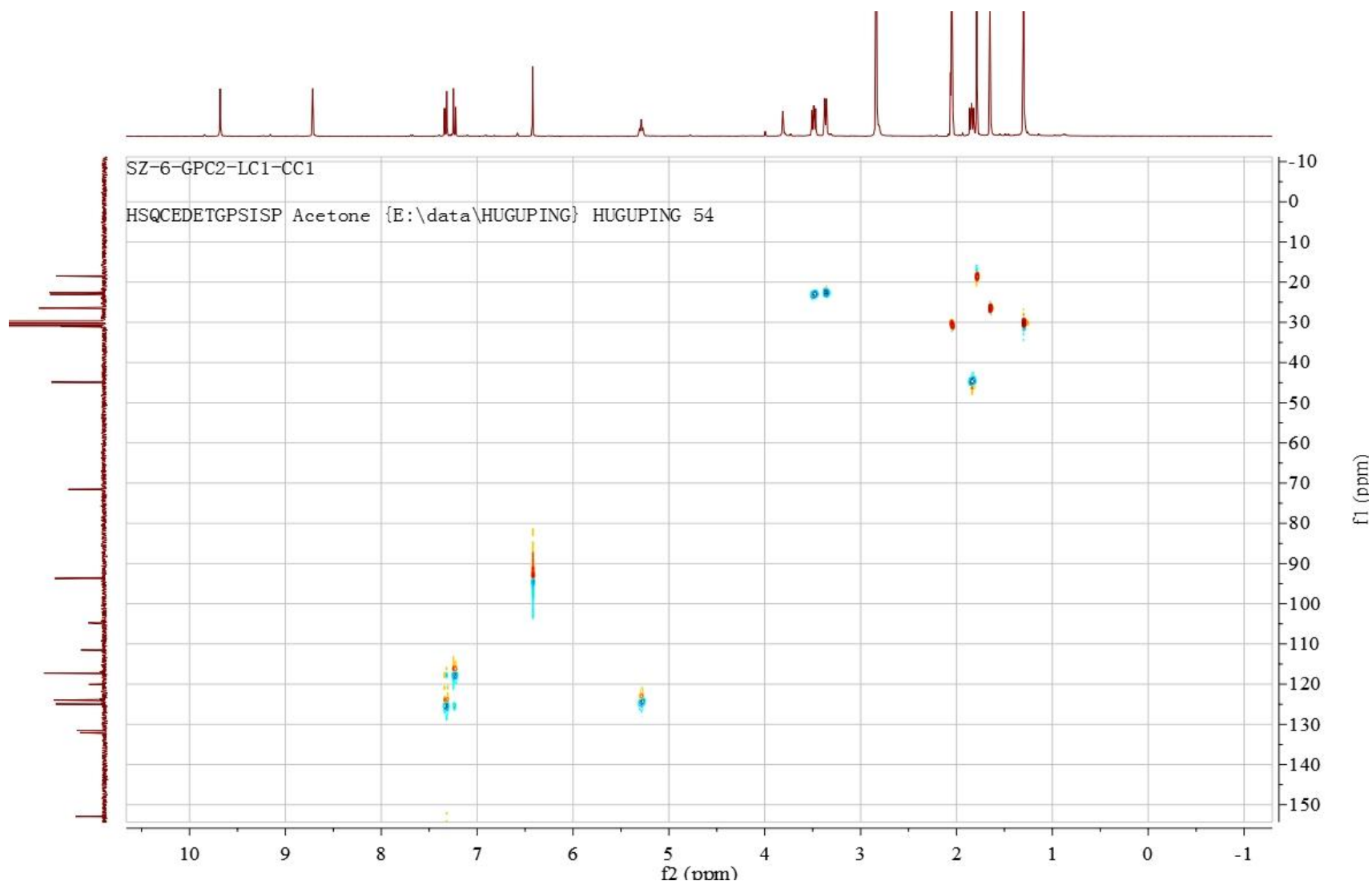


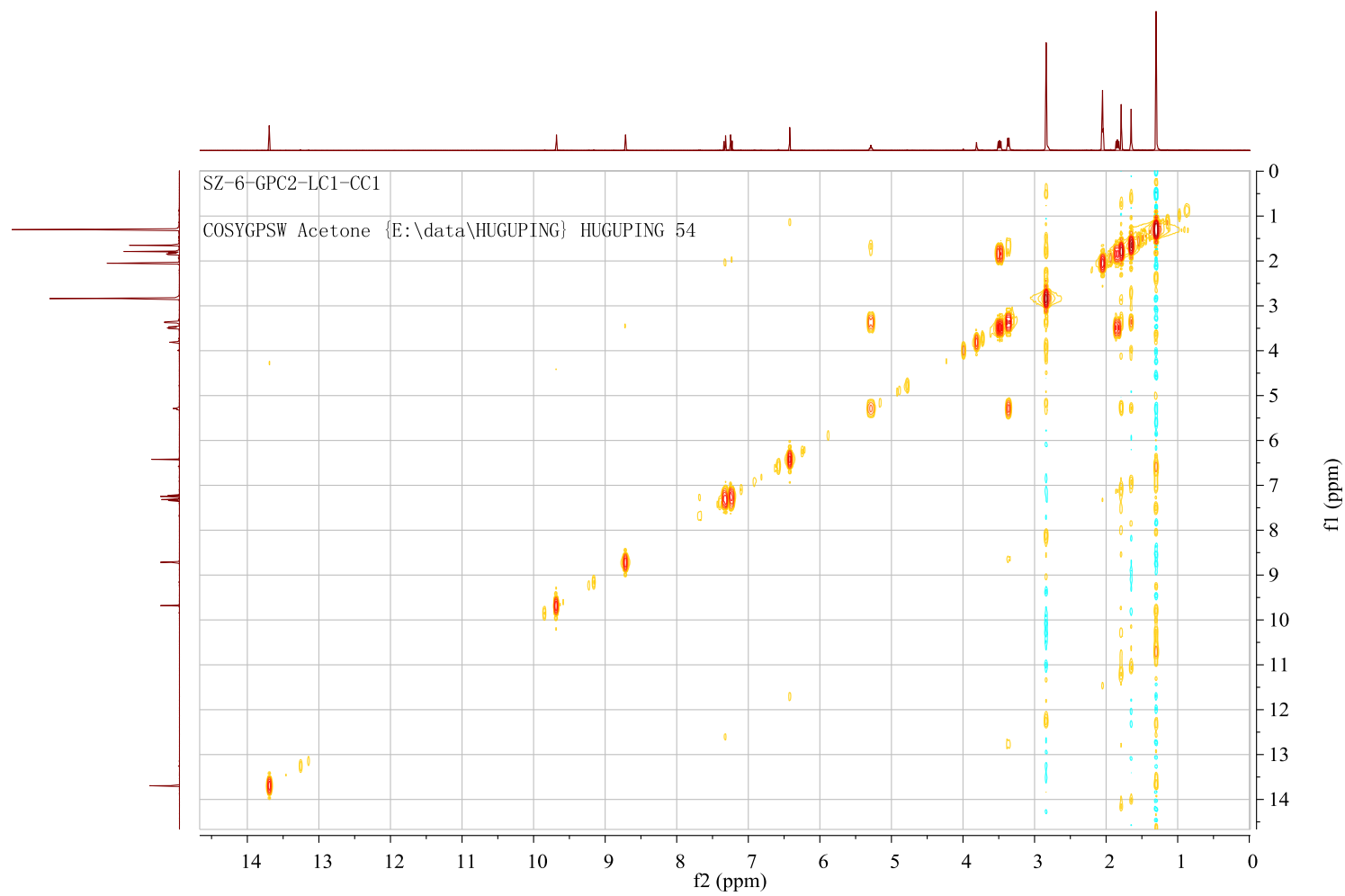
Figure S5. ^1H - ^1H gCOSY of compound 1.

Figure S6. gHMBC of compound 1.

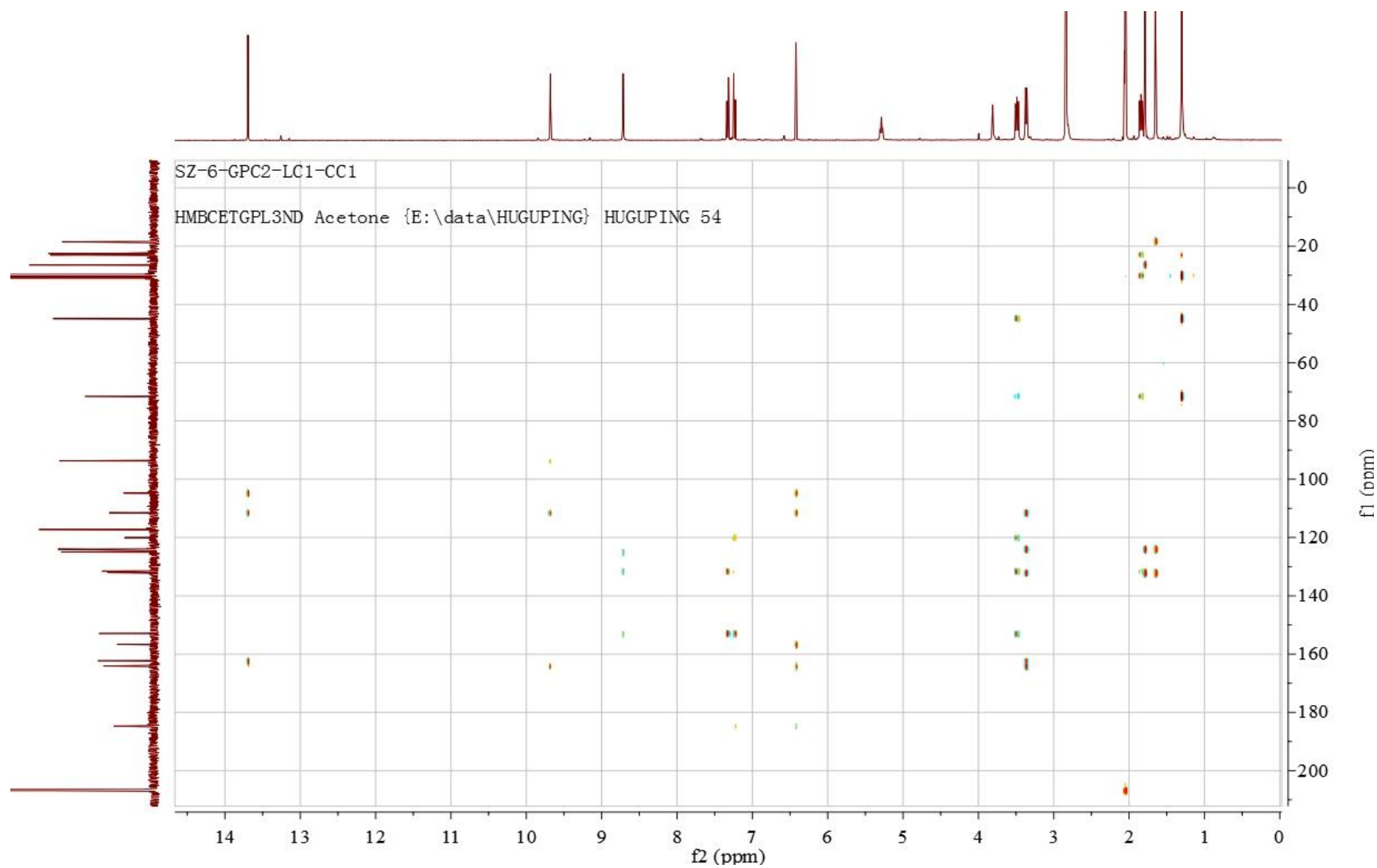


Figure S7. HREIMS of compound 2.

SPECTRUM - MS

File : D:\DATA-HR\13\060902-sz-2-c1.RAW

Full ms [400.500 - 421.500] - Range: 412.000 - 412.390

Scan No. 12 of 21

Scan #: 12

RT: 0.45

Data points: 1

Mass	Relative Intensity	Theoretical Mass	Delta [ppm]	Delta [mmu]	RDB	Composition
412.1517	38.8	412.1517	0.1	0.0	12.0	C ₂₃ H ₂₄ O ₇

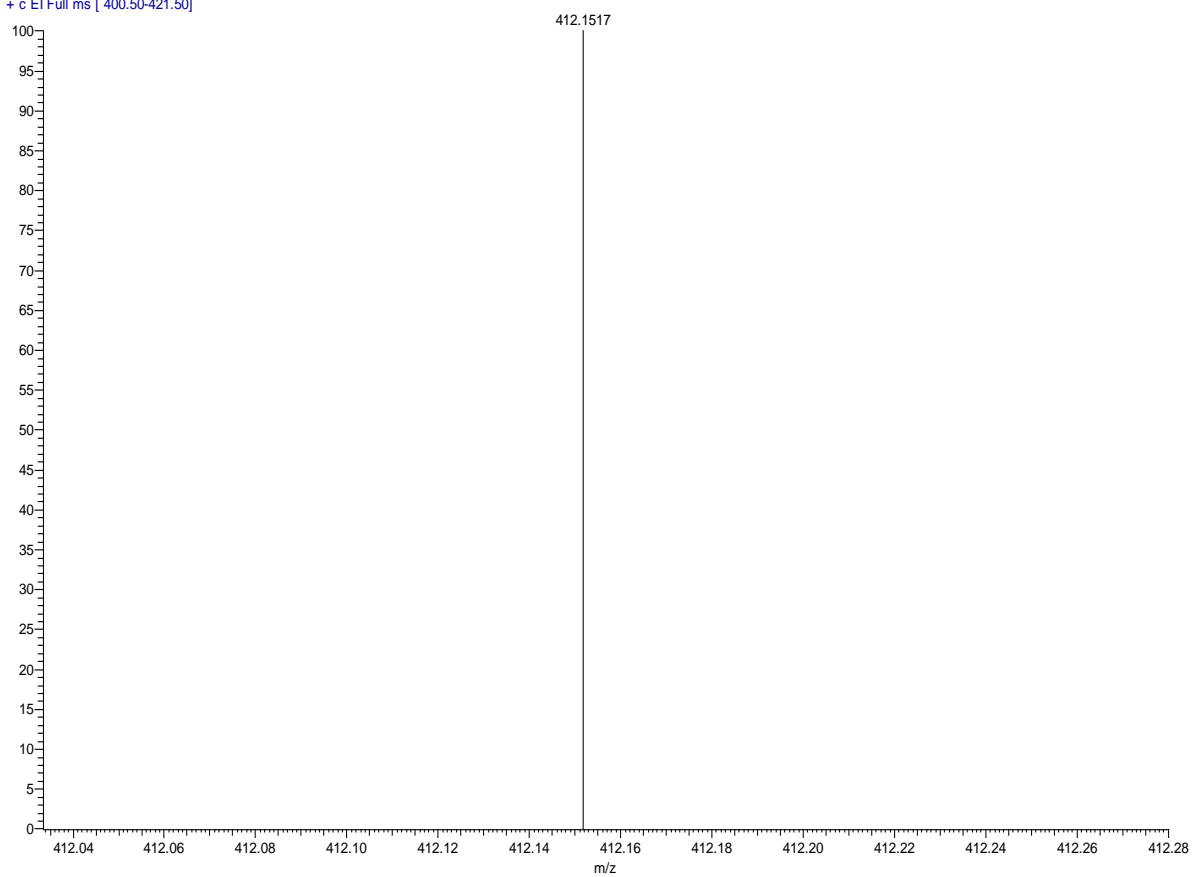
Instrument: MAT 95XP(Thermo)
D:\DATA-HR\13\060902-sz-2-c1 6/9/2013 9:42:10 #060902-sz-2-c1 #12 RT: 0.45 AV: 1 NL: 9.32E3
T: + c EI Full ms [400.50-421.50]

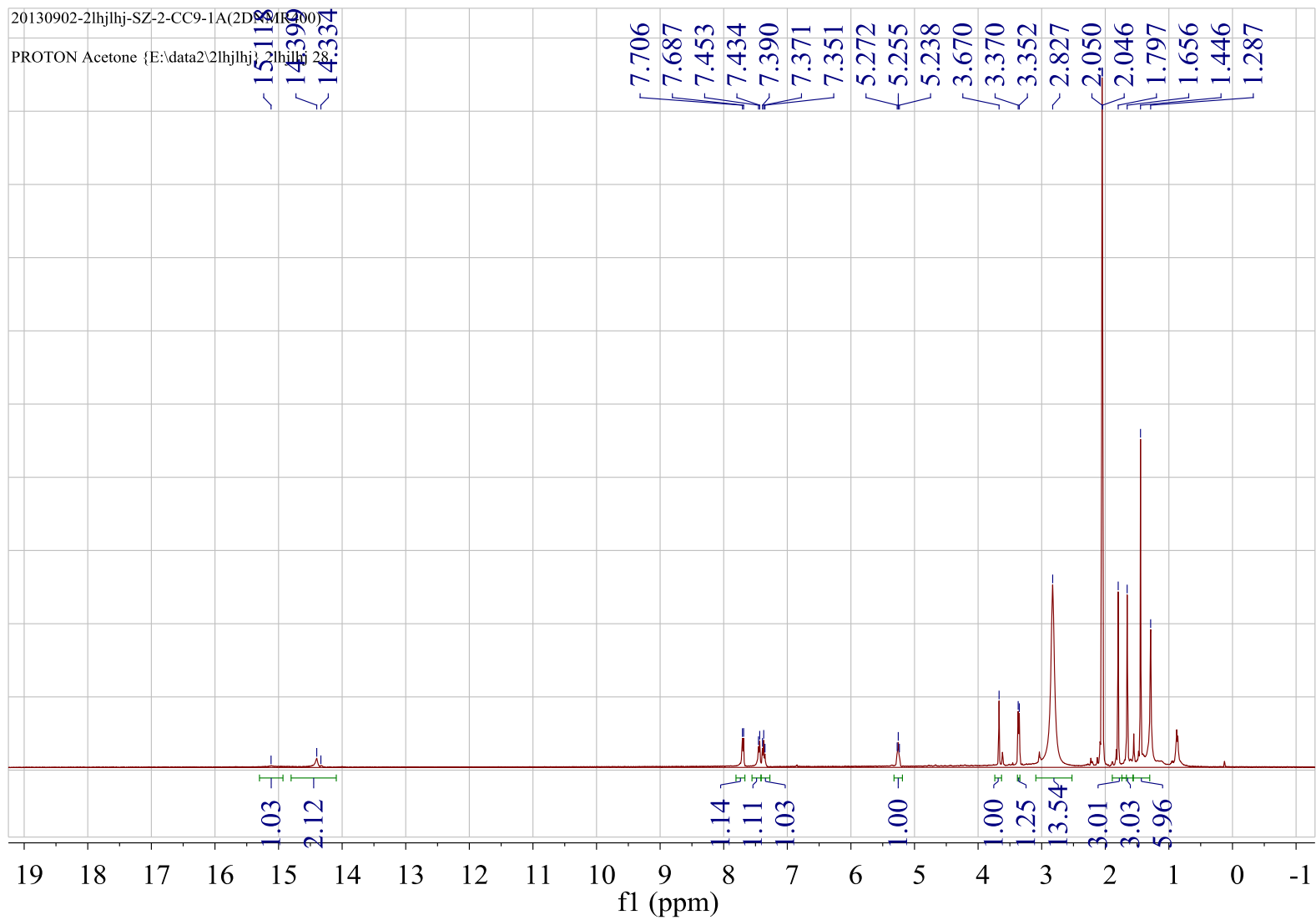
Figure S8. $^1\text{H-NMR}$ (400 MHz, acetone- d_6) spectrum of compound 2.

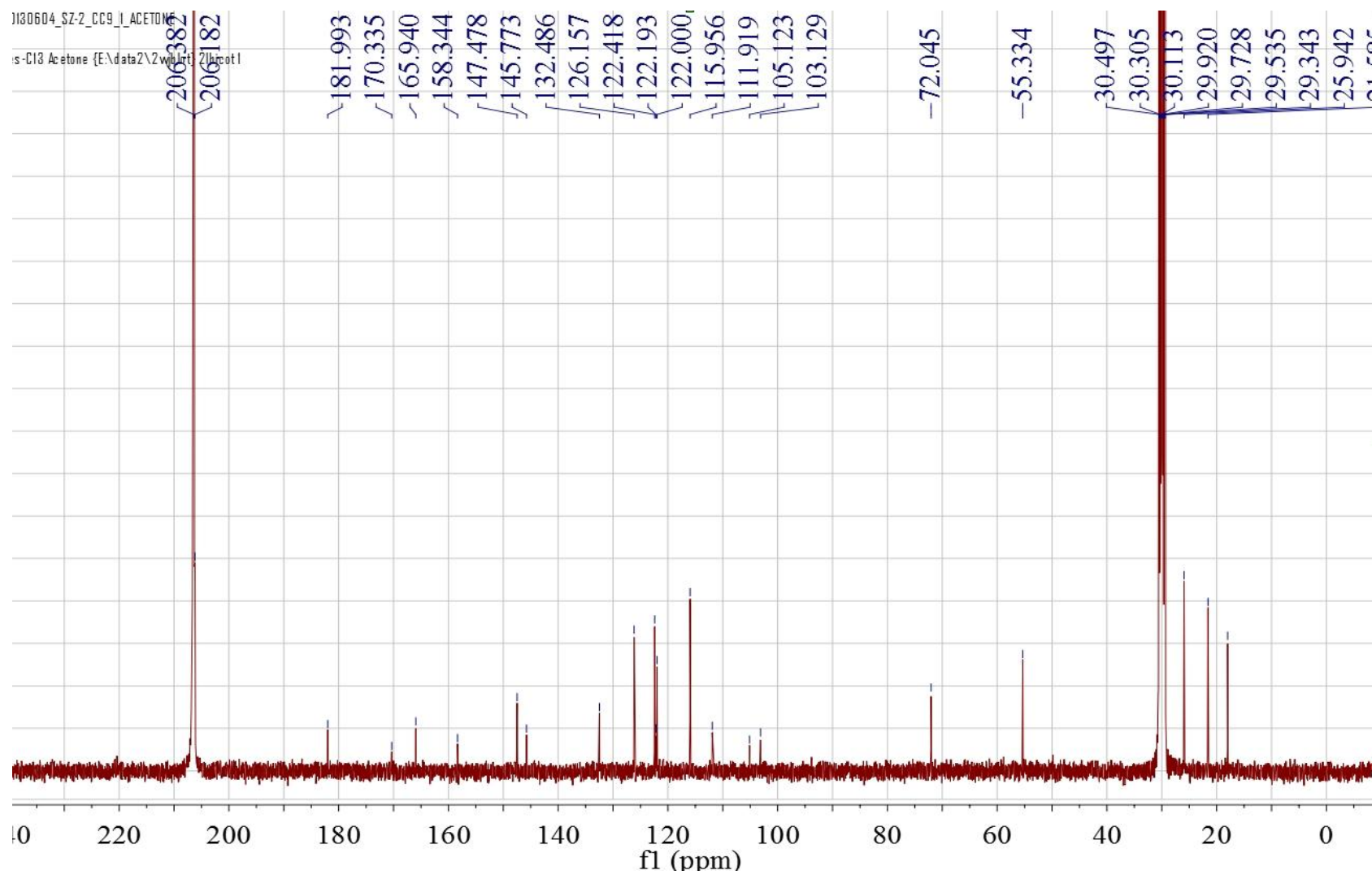
Figure S9. ^{13}C -NMR (100 MHz, acetone- d_6) spectrum of compound 2.

Figure S10. gHMQC of compound 2.

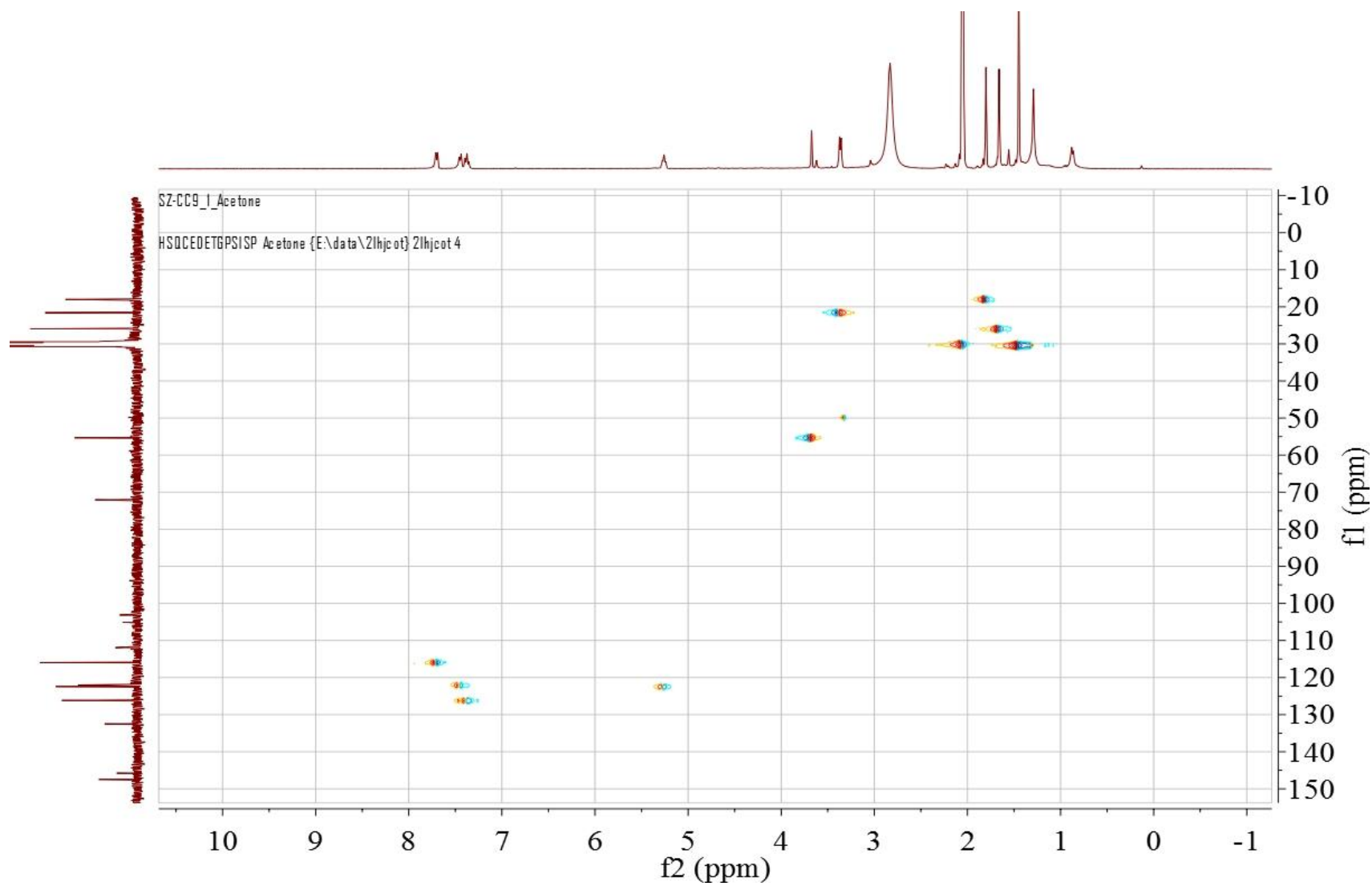


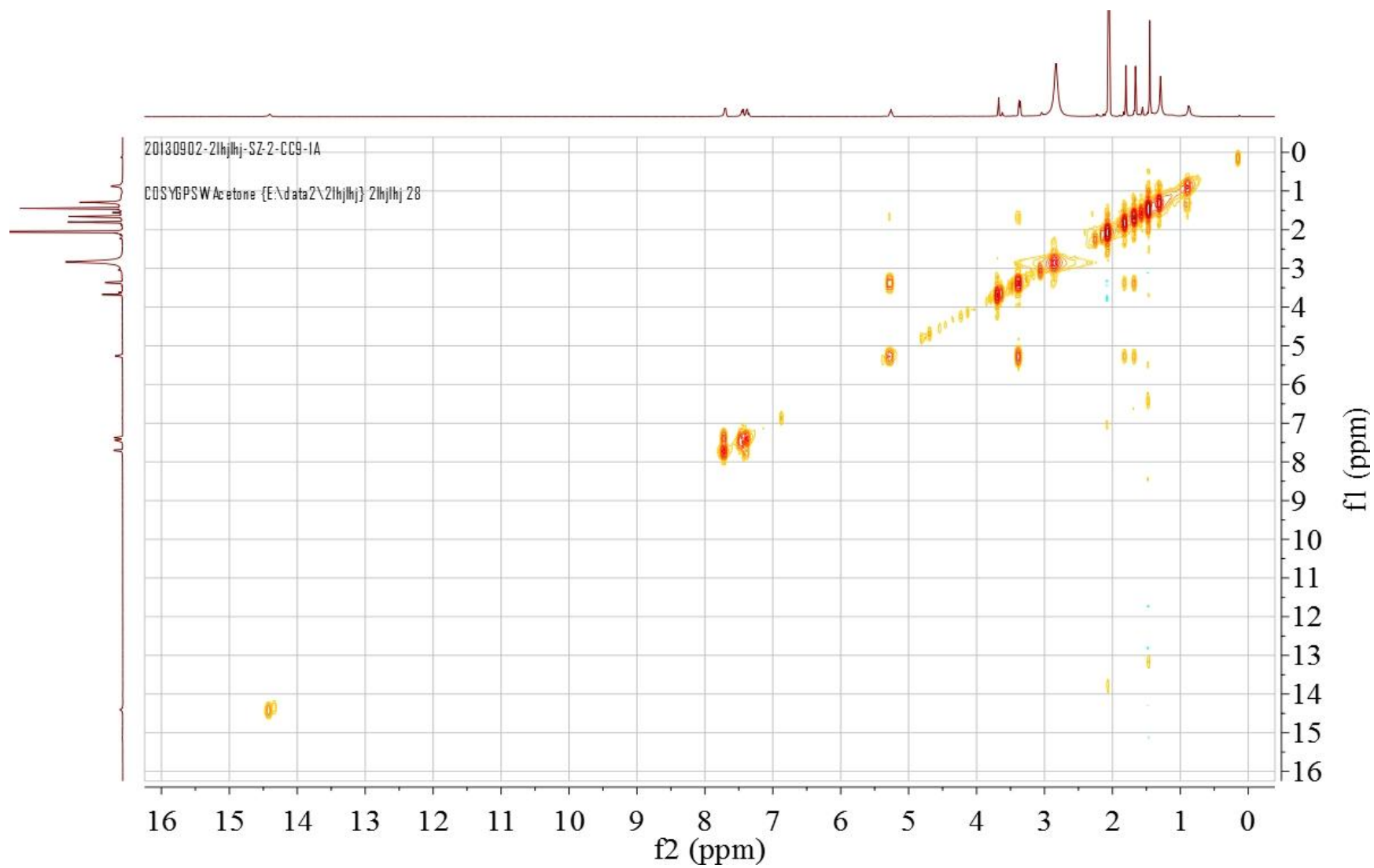
Figure S11. ^1H - ^1H gCOSY of compound 2.

Figure S12. gHMBC of compound 2.

