Supporting Information

Article

Bioactive Constituents from *Aesculus wilsonii* Seeds

Ping Zhang [1], Lequan Yu [1], Huina Cao [1], Jingya Ruan [2], Fei Li [1], Lijie Wu [1], Yi Zhang [1,2,*] and Tao Wang [1,2,*]

[1] Tianjin Key Laboratory of TCM Chemistry and Analysis, Tianjin University of Traditional Chinese Medicine, 10 Poyanghu Road, West Area, Tuanbo New Town, Jinghai District, Tianjin 301617, China; zp10259611@163.com (P.Z.); 18822575726@163.com (L.Y.); sxcaonanayy@163.com (H.C.); lf18641423285@163.com (F.L.); wulj0816@163.com (L.W.)

[2] Institute of TCM, Tianjin University of Traditional Chinese Medicine, 10 Poyanghu Road, West Area, Tuanbo New Town, Jinghai District, Tianjin 301617, China; ruanjingya@ tjutcm.edu.cn

* Correspondence: zhwwxzh@tjutcm.edu.cn (Y.Z.); wangtao@tjutcm.edu.cn (T.W.); Tel./Fax: +86-22-5959-6168 (T.W.)

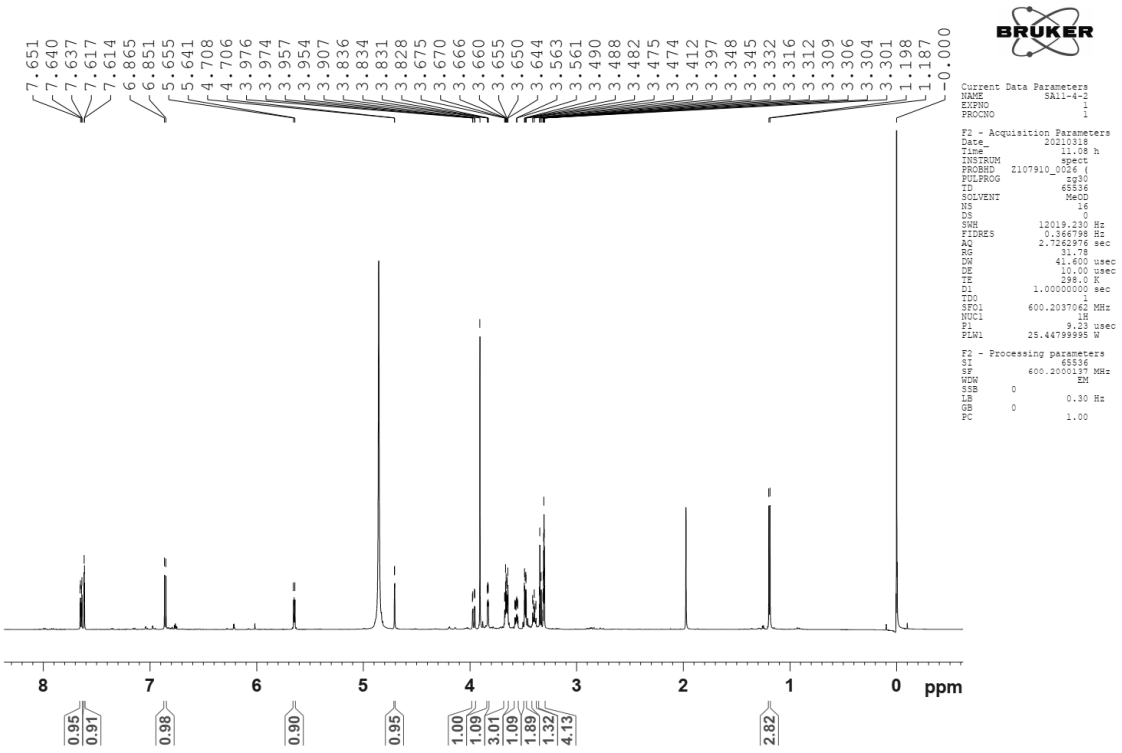


Figure S1. ^{1}H NMR (500 MHz, CD_3OD) spectrum of **1**

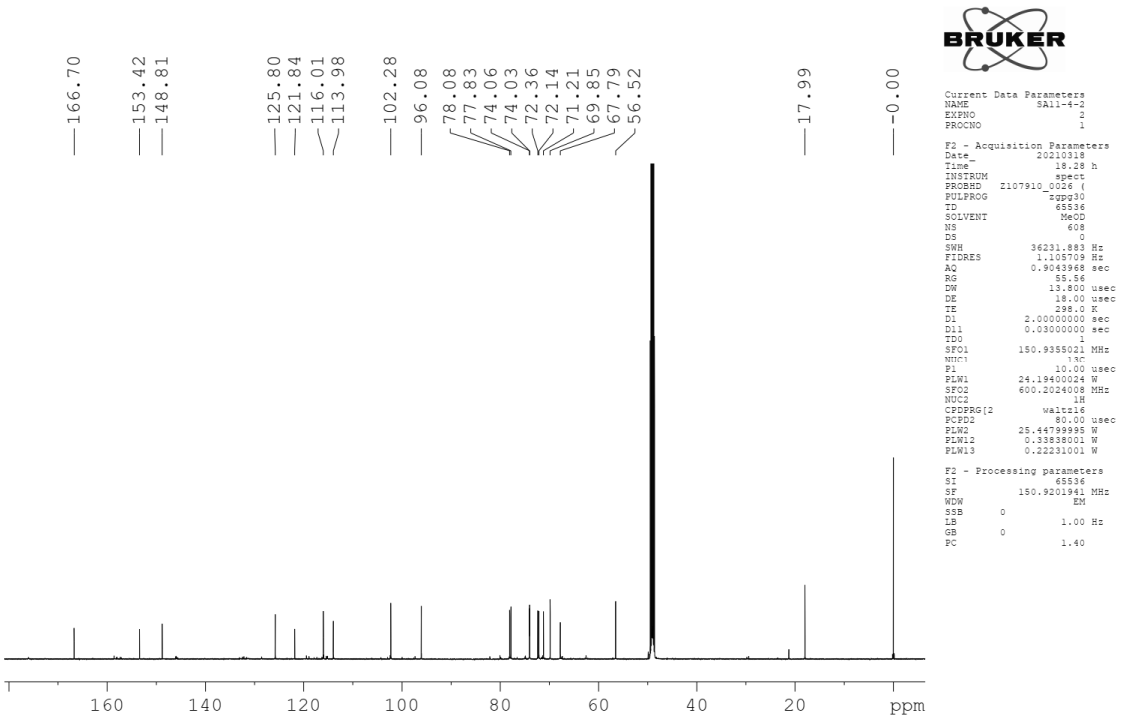
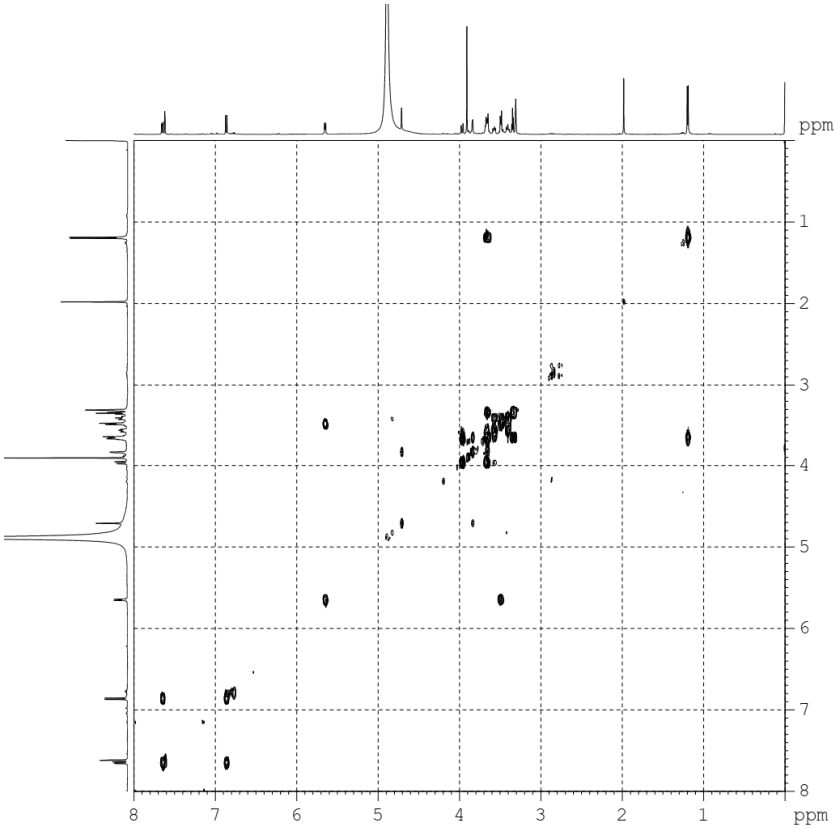


Figure S2. ^{13}C NMR (125 MHz, CD_3OD) spectrum of **1**



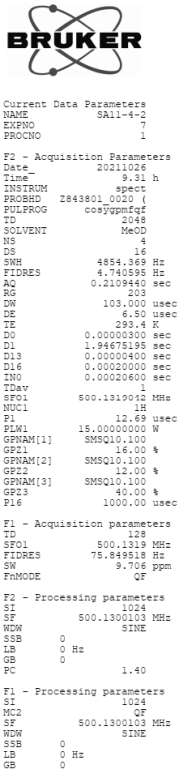
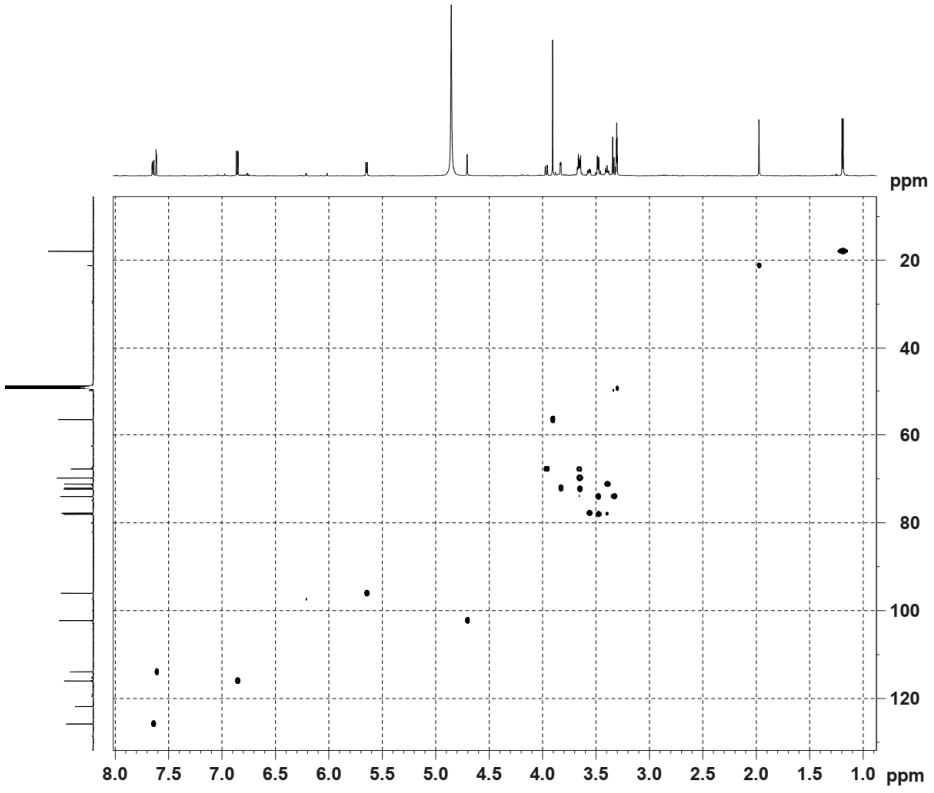


Figure S3. ^{1}H ^{1}H COSY (CD$_3$OD) spectrum of **1**



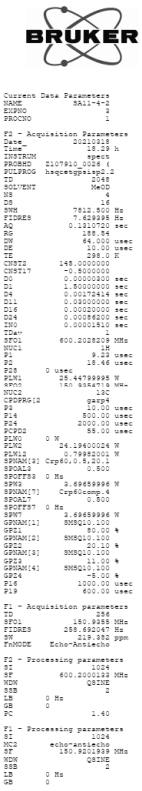


Figure S4. HSQC (CD$_3$OD) spectrum of **1**

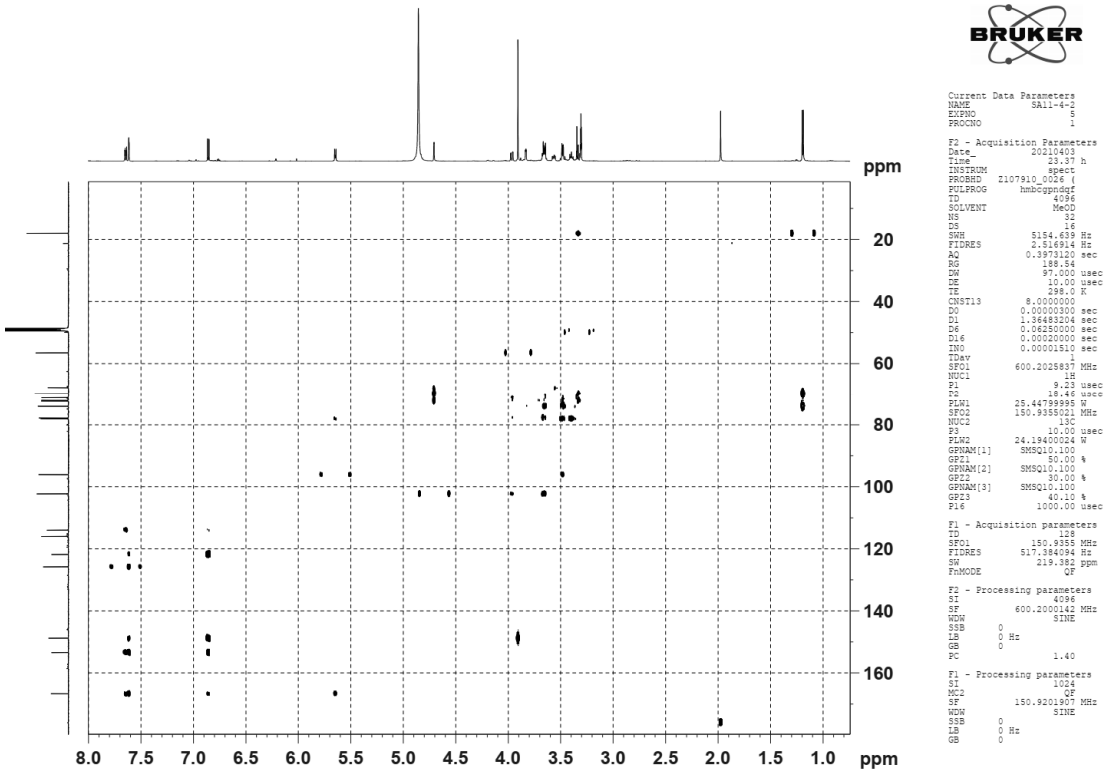


Figure S5. HMBC (CD_3OD) spectrum of **1**

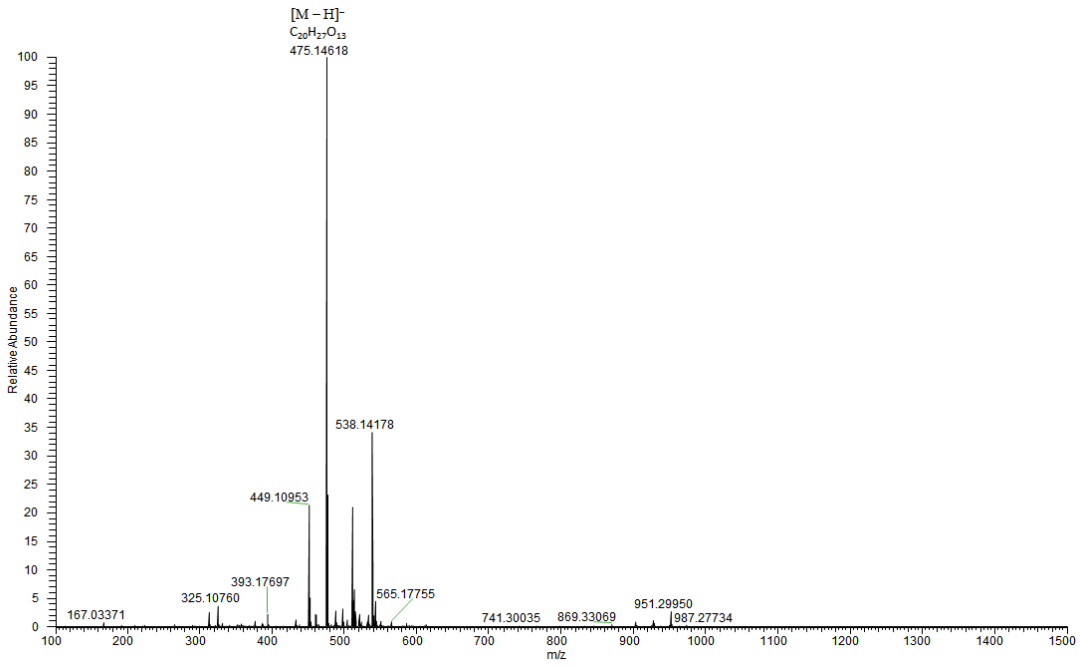


Figure S6. ESI-Q-Orbitrap-MS spectrum of **1**

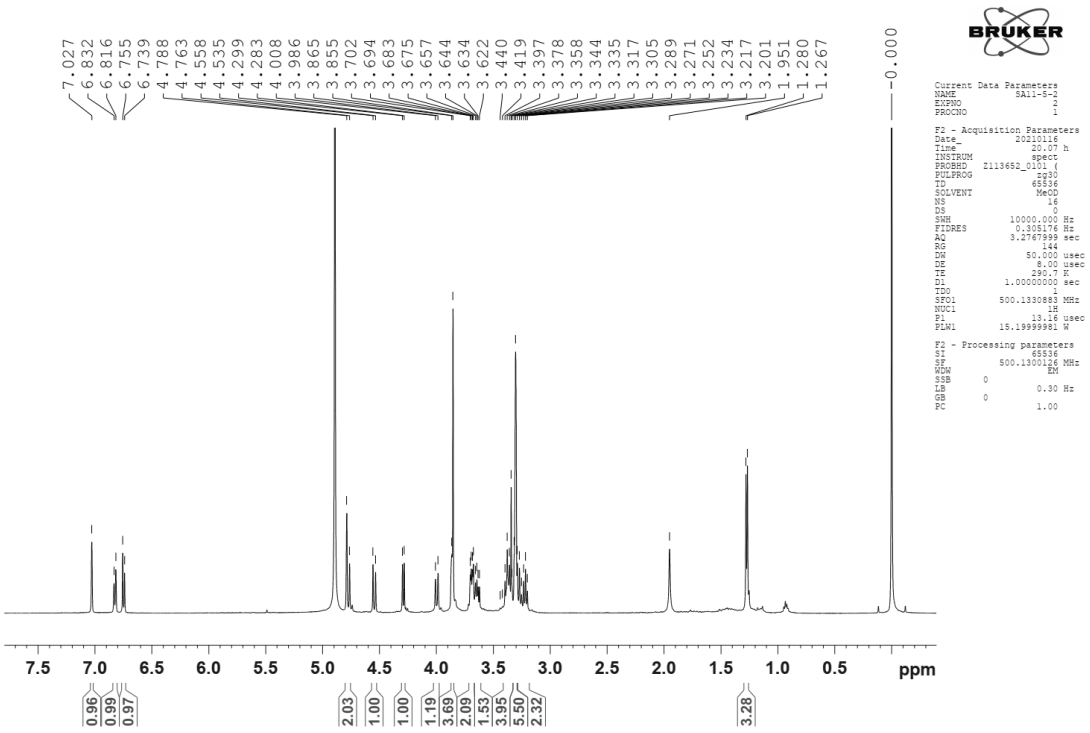


Figure S7. ^{1}H NMR (500 MHz, CD_3OD) spectrum of **2**

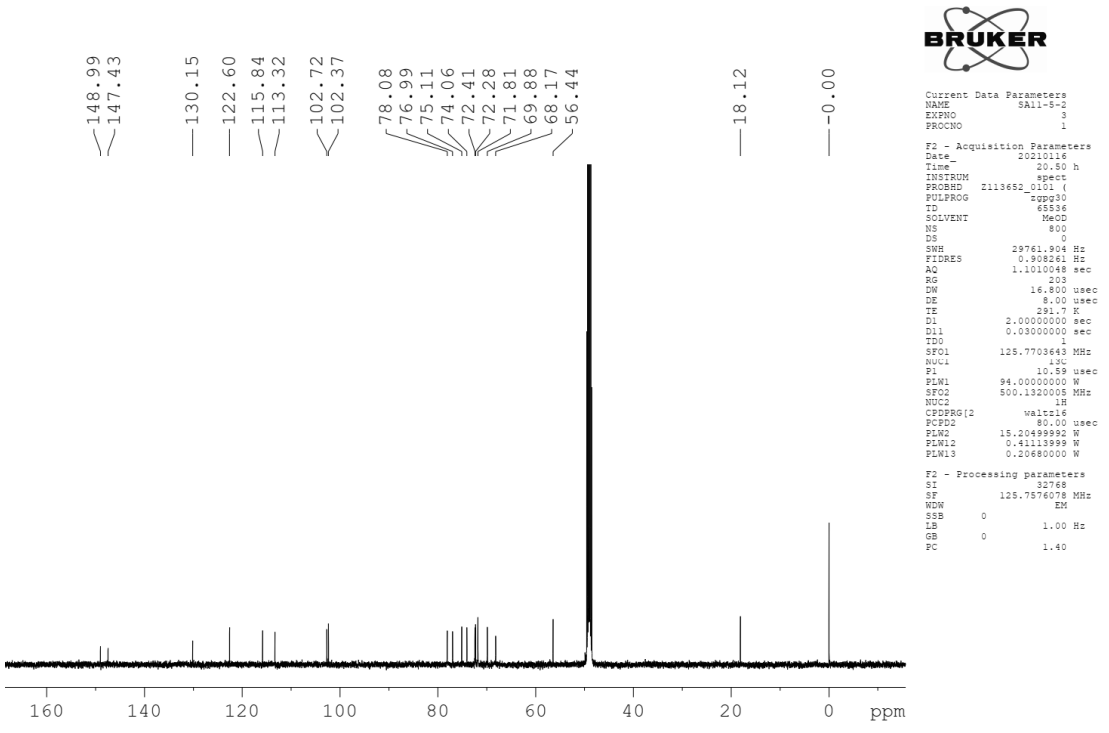


Figure S8. ^{13}C NMR (125 MHz, CD_3OD) spectrum of **2**

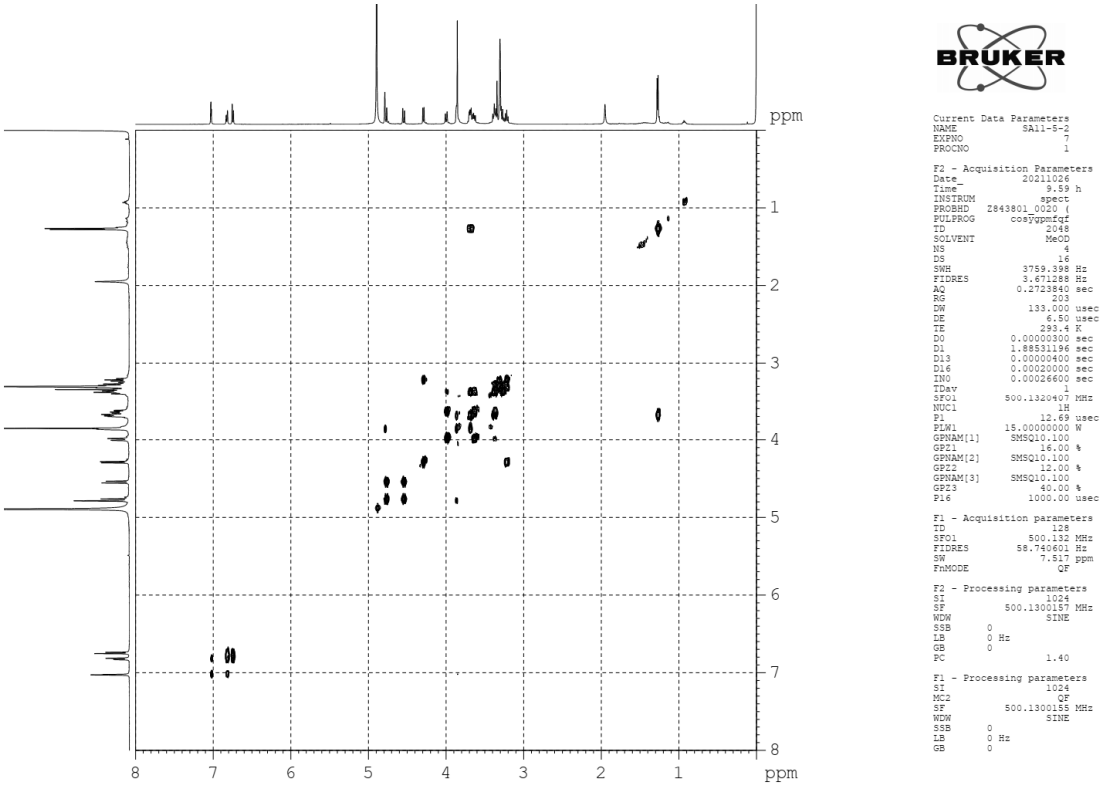


Figure S9. ^{1}H ^{1}H COSY (CD$_3$OD) spectrum of **2**

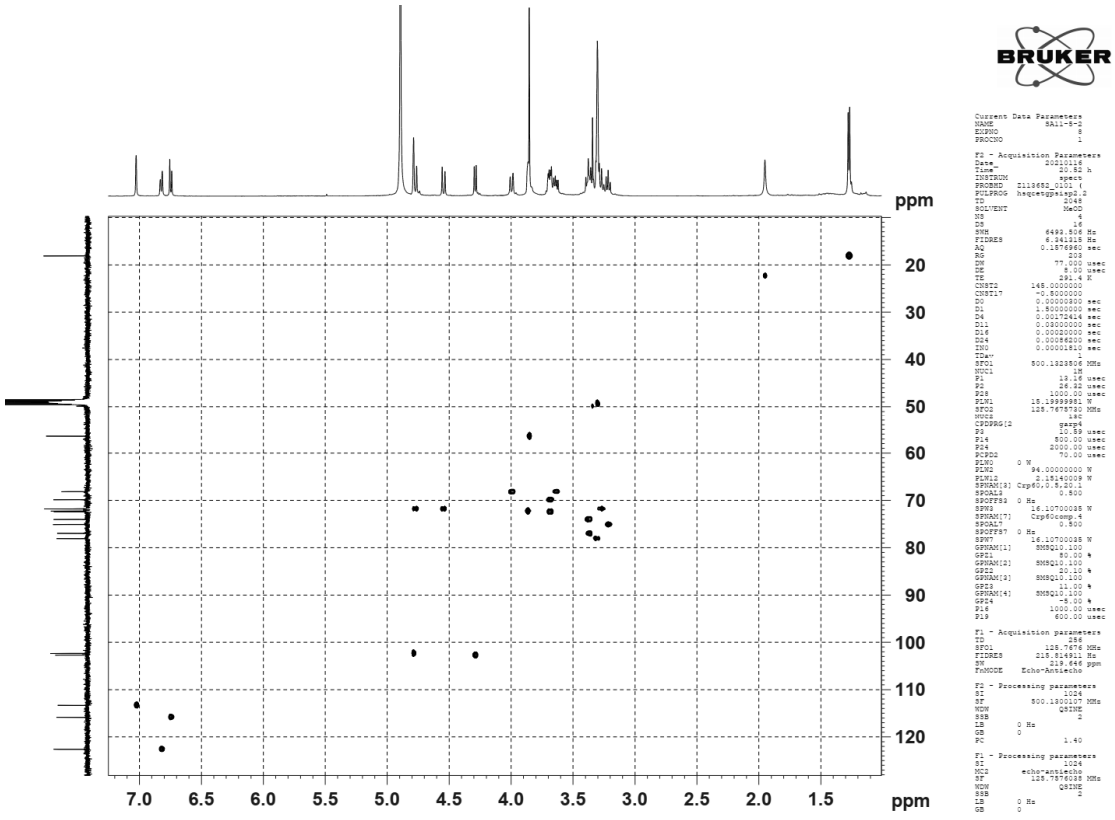


Figure S10. HSQC (CD$_3$OD) spectrum of **2**

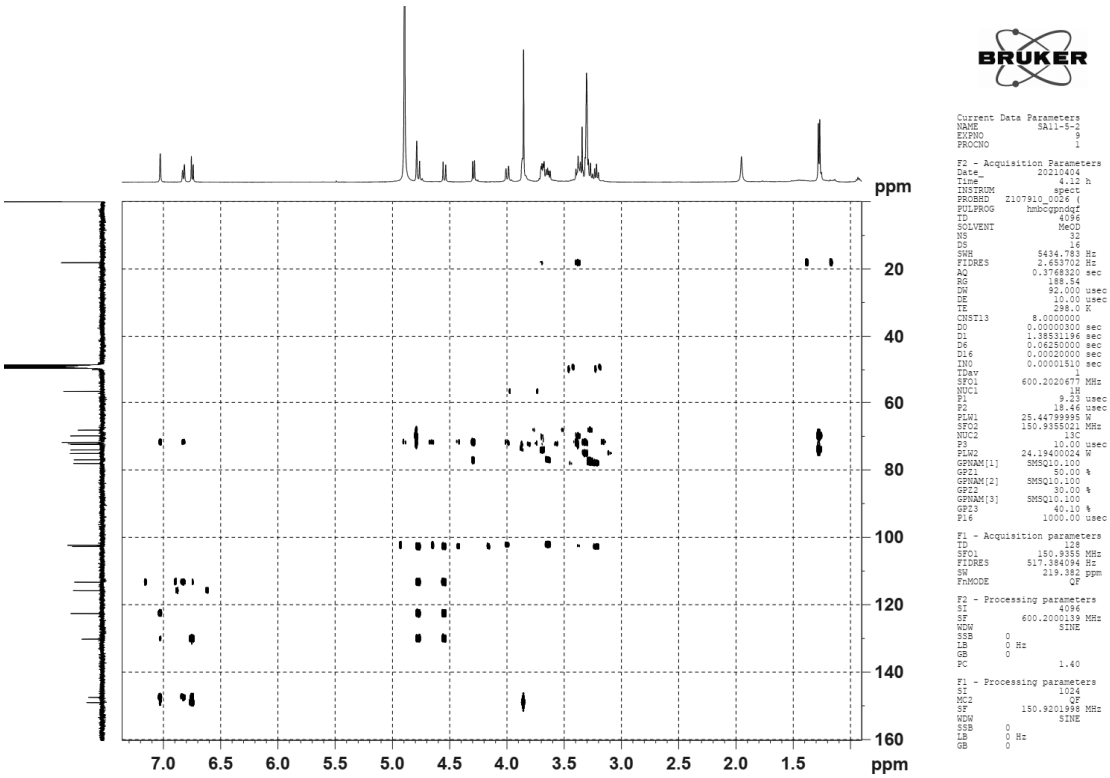


Figure S11. HMBC (CD_3OD) spectrum of **2**

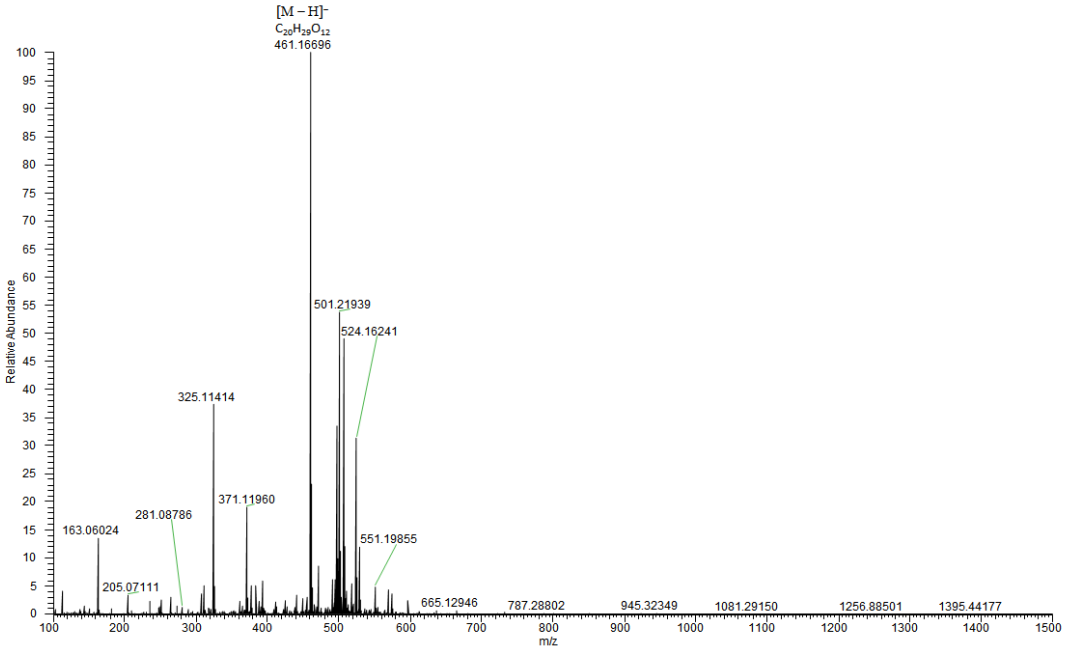


Figure S12. ESI-Q-Orbitrap-MS spectrum of **2**

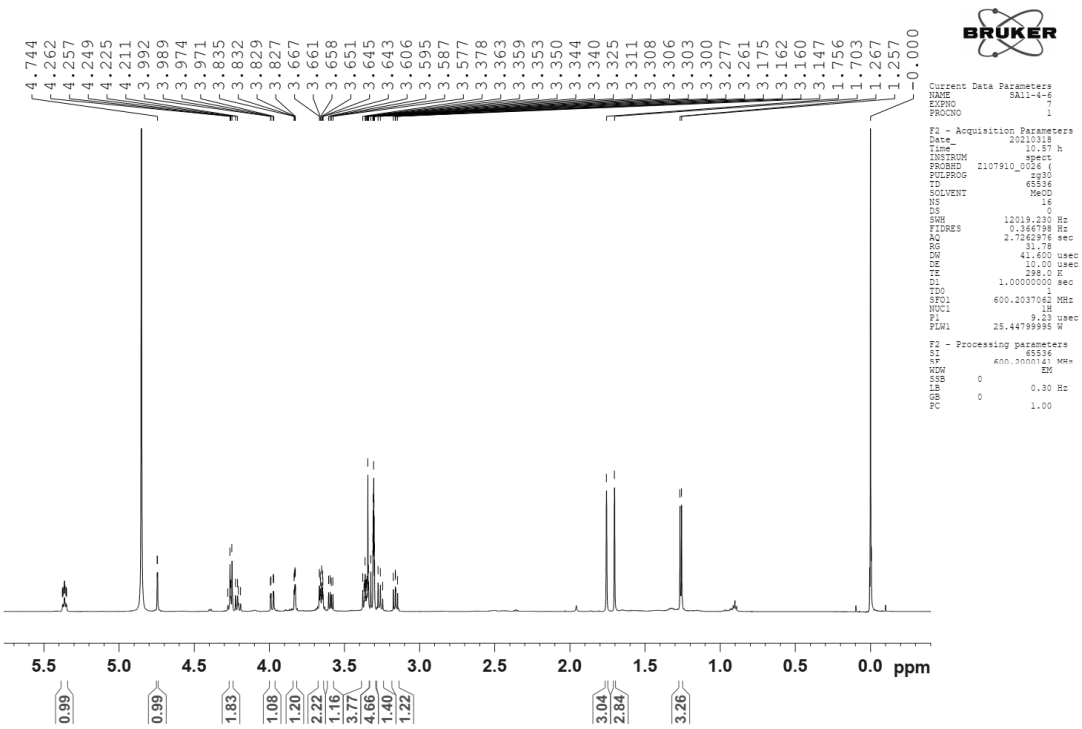


Figure S13. ^{1}H NMR (600 MHz, CD_3OD) spectrum of **3**

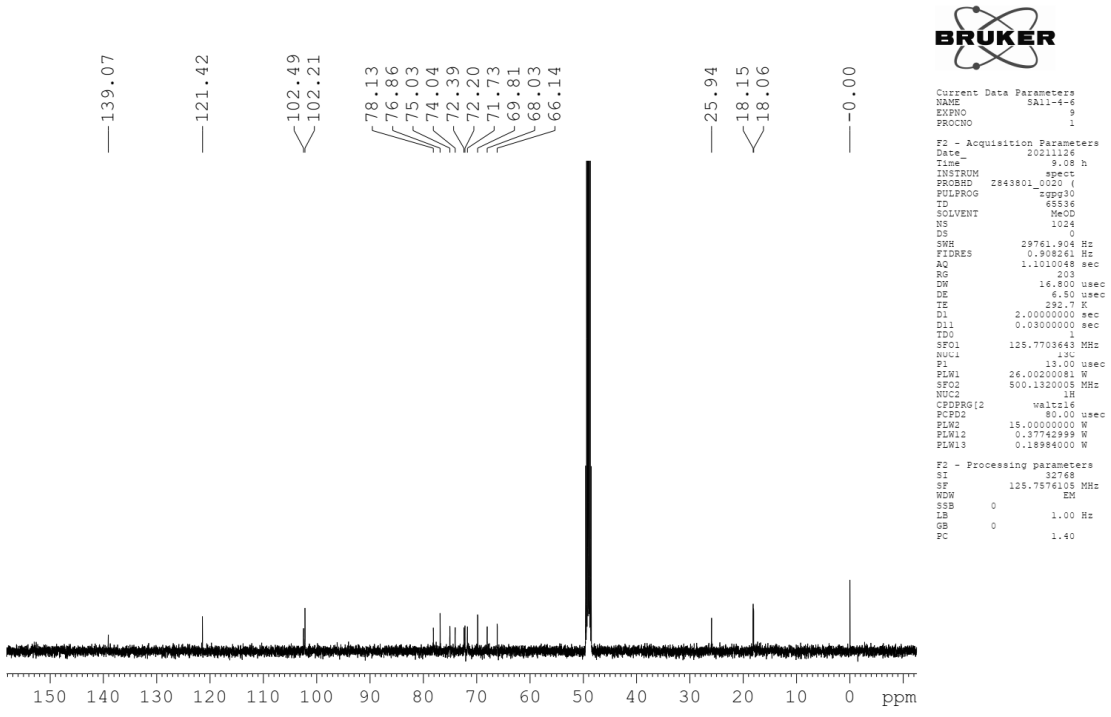


Figure S14. ^{13}C NMR (125 MHz, CD_3OD) spectrum of **3**

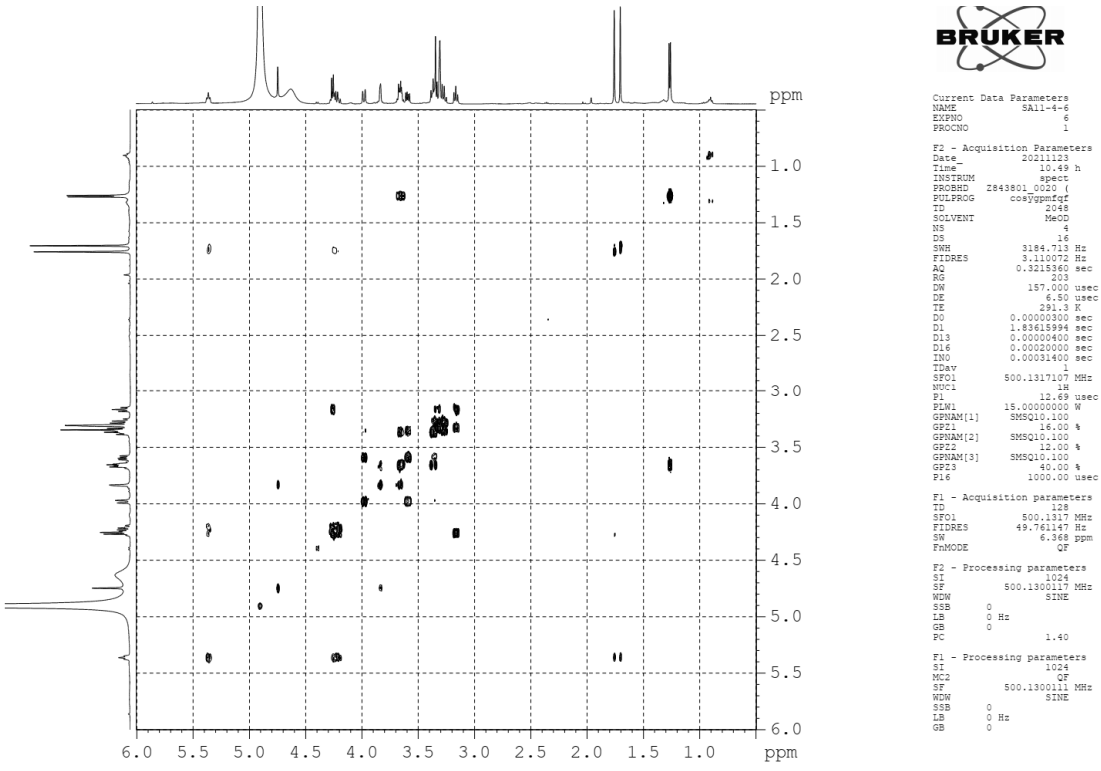


Figure S15. ^{1}H ^{1}H COSY (CD_3OD) spectrum of **3**

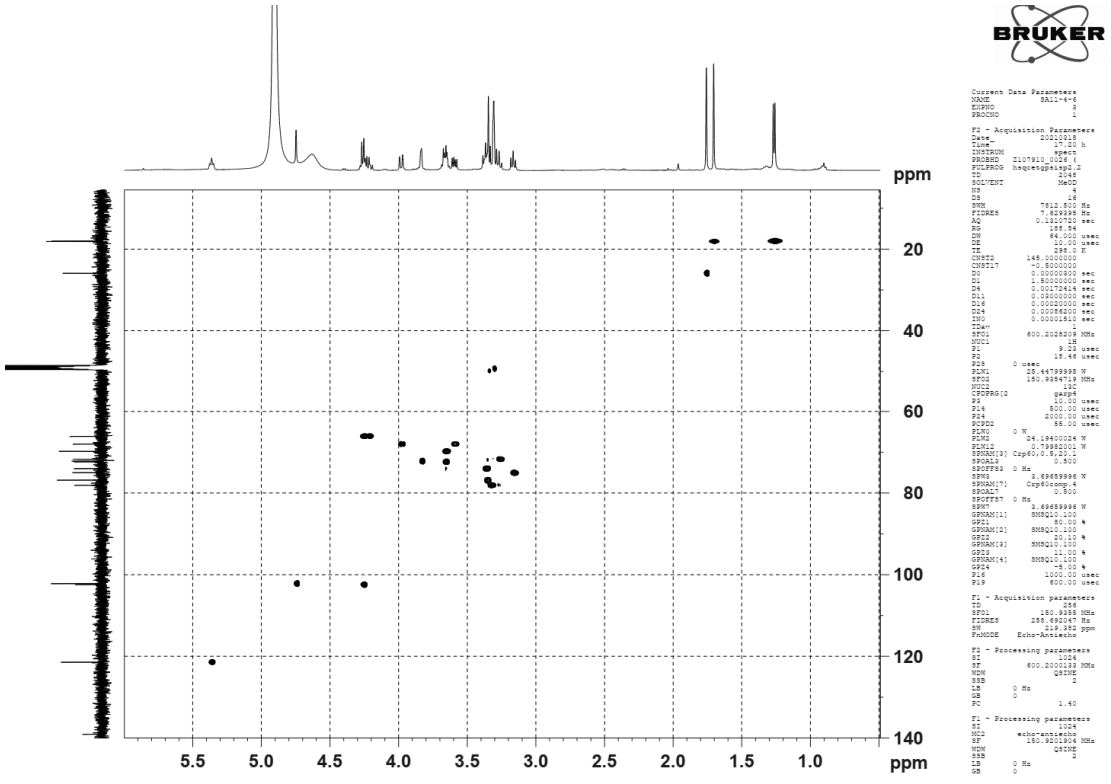


Figure S16. HSQC (CD_3OD) spectrum of **3**

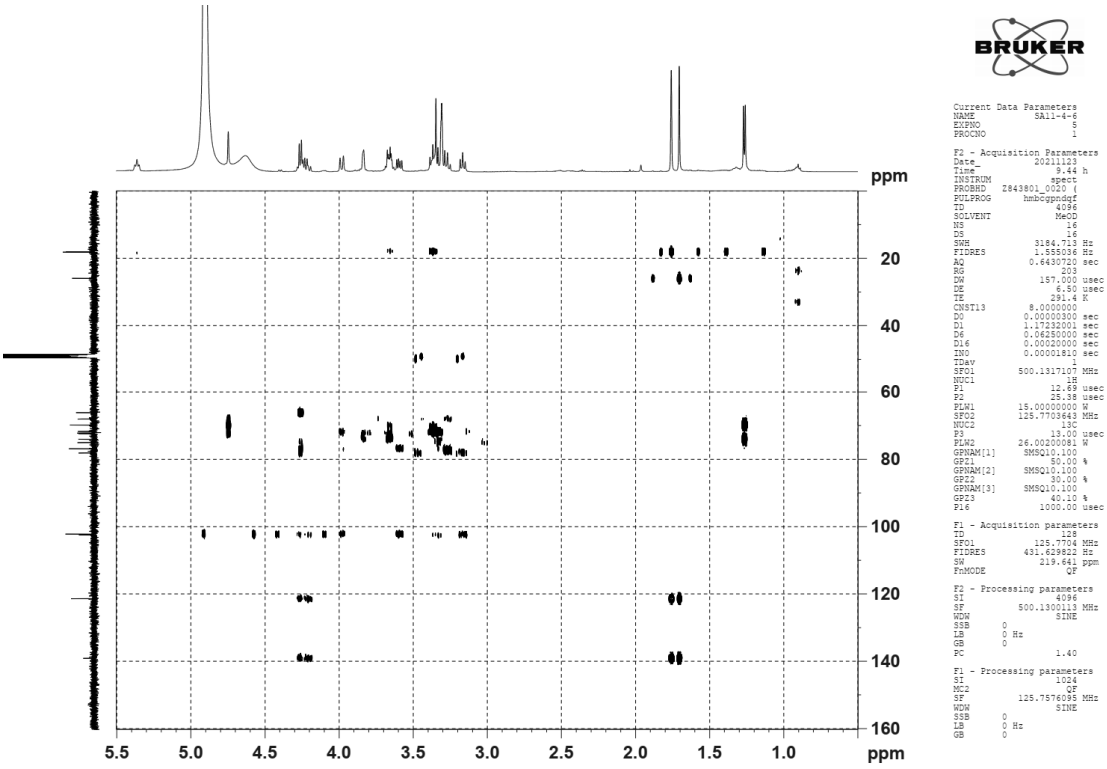


Figure S17. HMBC (CD_3OD) spectrum of **3**

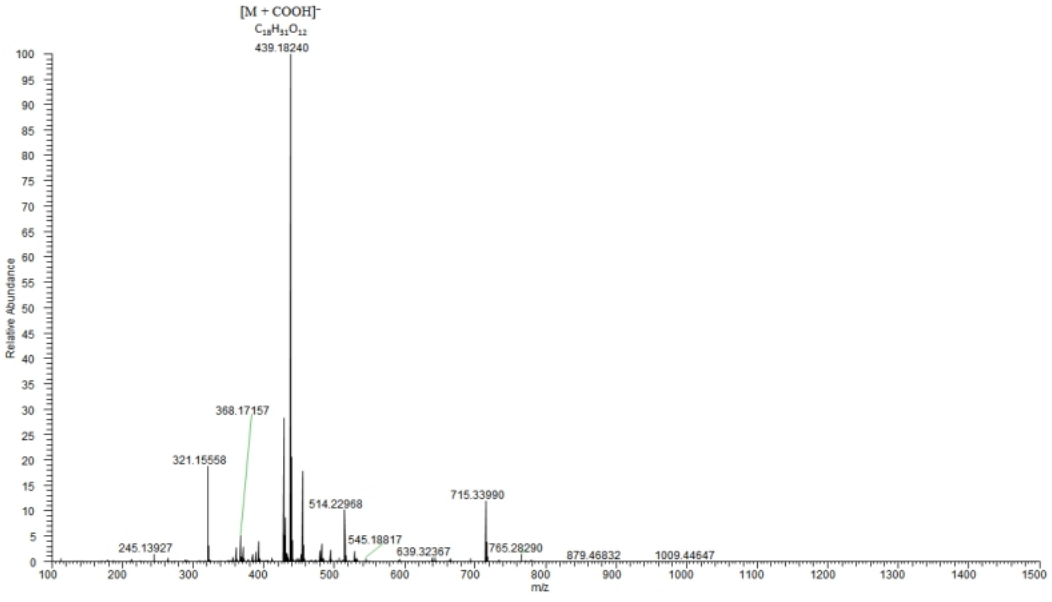


Figure S18. ESI-Q-Orbitrap-MS spectrum of **3**

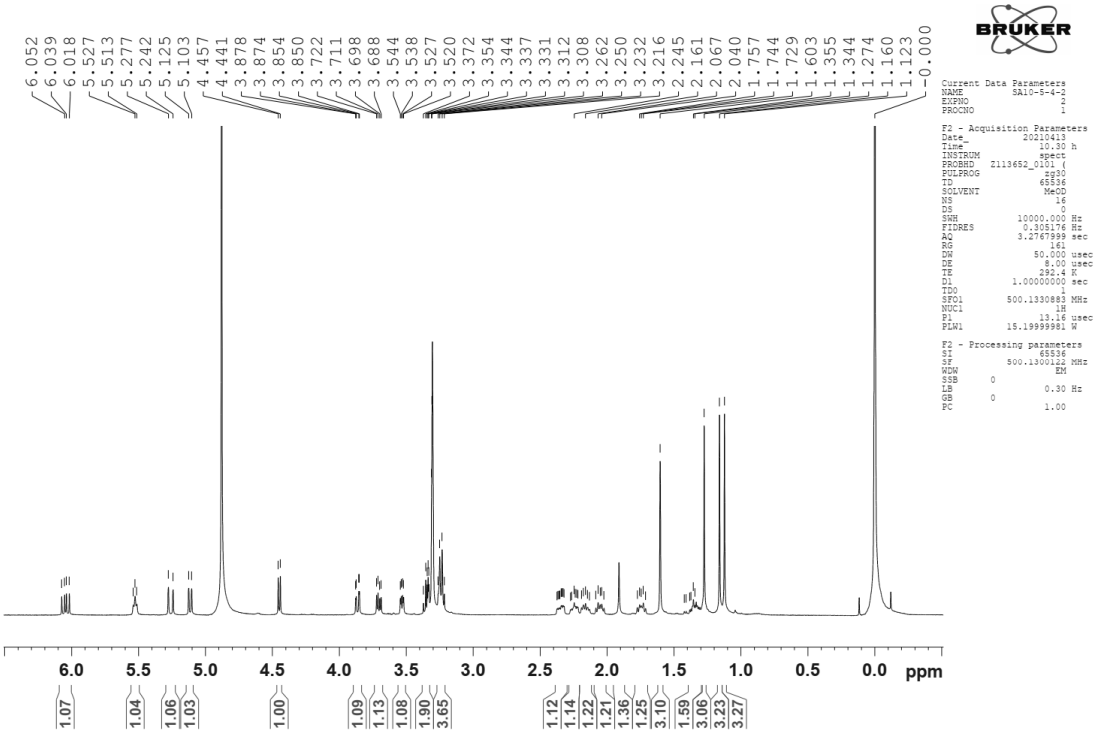


Figure S19. ^{1}H NMR (500 MHz, CD_3OD) spectrum of **4**

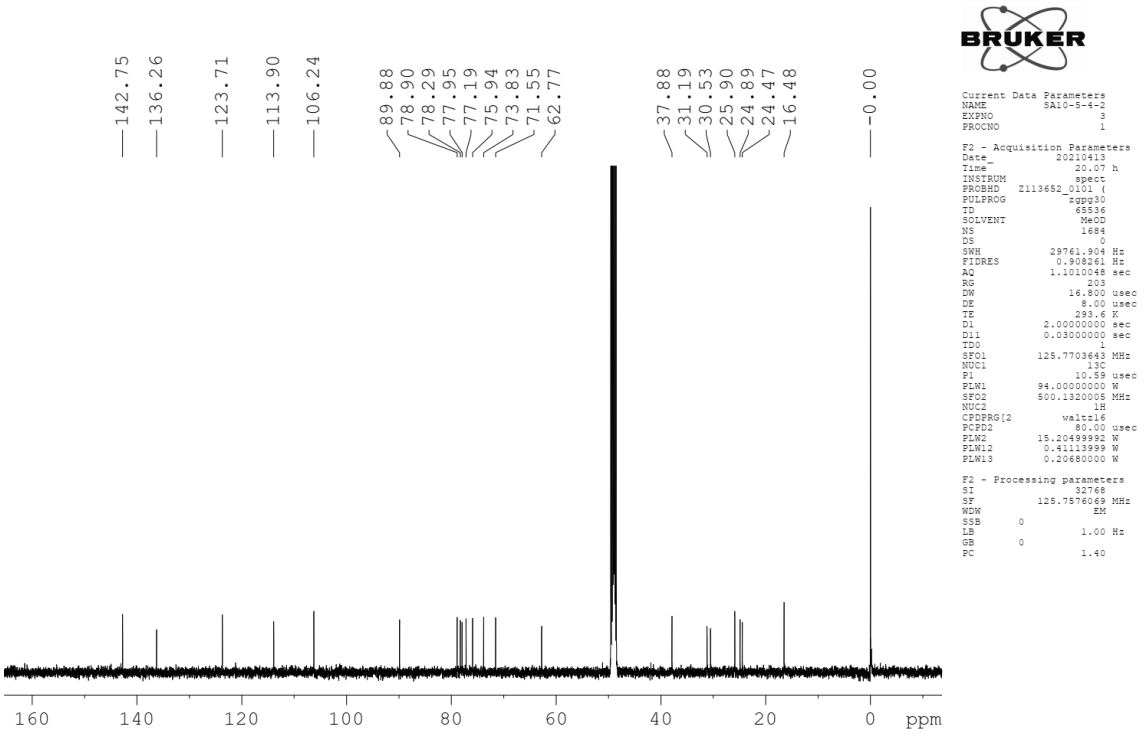
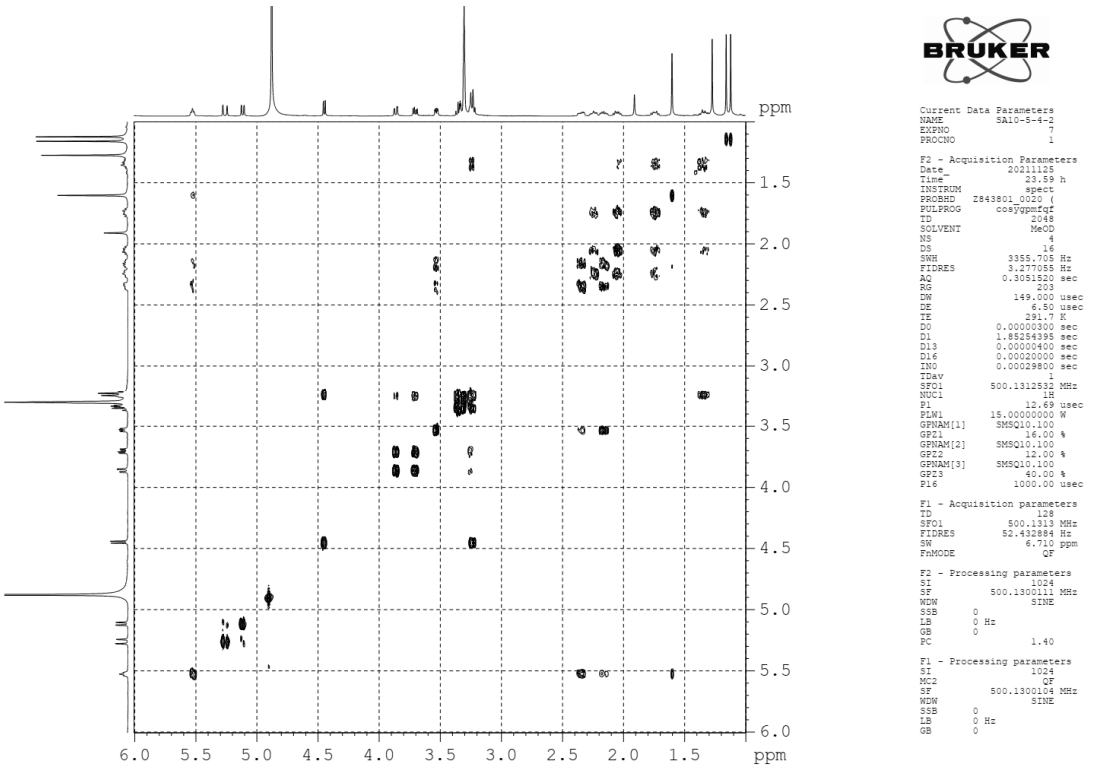


Figure S20. ^{13}C NMR (125 MHz, CD_3OD) spectrum of **4**



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EXPNO 7
PROCNO 1

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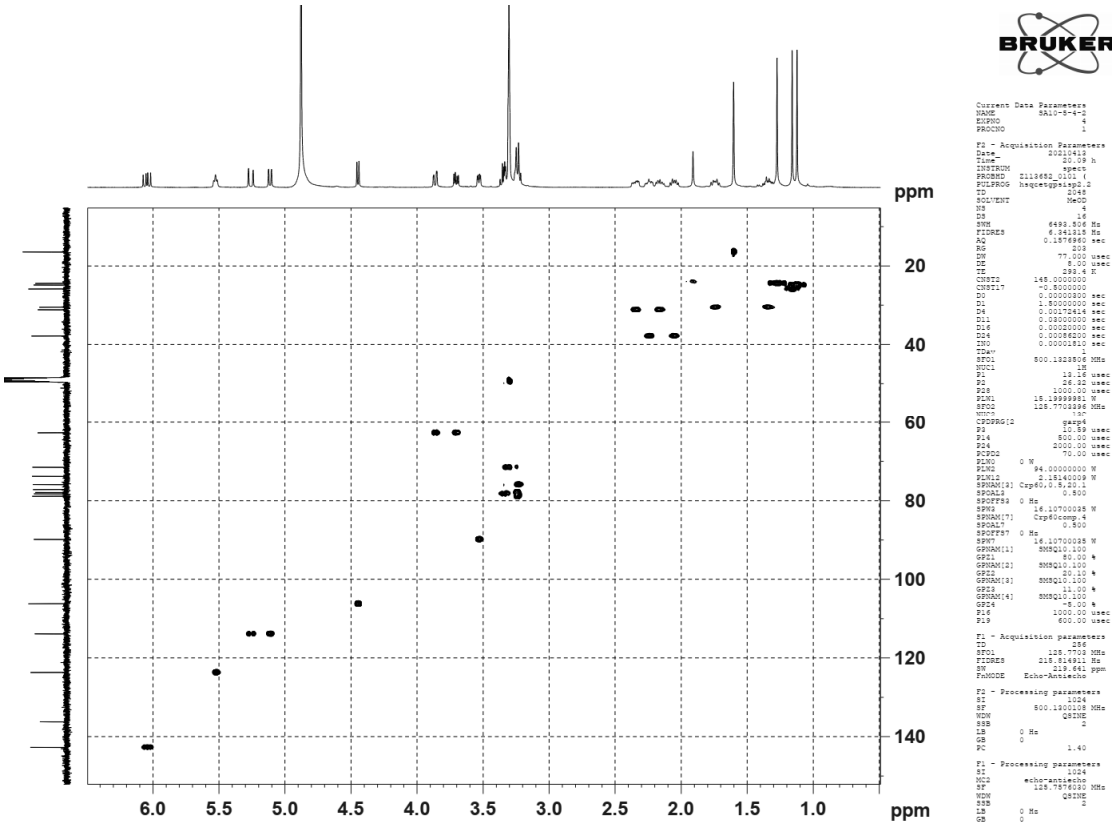
PULPROG cosygpmfqf
TD 2048
SOLVENT MeOD
NS 4
DS 16
SWH 3355.705 Hz
FIDRES 3.277055 Hz
AQ 0.3051520 sec
RG 203
DW 149.000 usec
DE 6.50 usec
TE 291.7 K
D0 0.00000300 sec
D1 1.85254395 sec
D13 0.00000400 sec
D16 0.00020000 sec
IN0 0.00029800 sec
TDav 1
SFO1 500.1312532 MHz
NUC1 1H
P1 12.69 usec
PLW1 15.00000000 W
GPNAM[1] SMSQ10.100
GPZ1 16.00 %
GPNAM[2] SMSQ10.100
GPZ2 12.00 %
GPNAM[3] SMSQ10.100
GPZ3 40.00 %
P16 1000.00 usec

F1 - Acquisition parameters
TD 128
SFO1 500.1313 MHz
FIDRES 52.432884 Hz
SW 6.710 ppm
FnMODE QF

F2 - Processing parameters
SI 1024
SF 500.1300111 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0
PC 1.40

F1 - Processing parameters
SI 1024
MC2 QF
SF 500.1300104 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0

Figure S21. ^{1}H ^{1}H COSY (CD_3OD) spectrum of **4**



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PROCNO 1

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PULPROG hsqcetgpsisp2.2
TD 2048
SOLVENT MeOD
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DS 16
SWH 6492.506 Hz
FIDRES 6.341815 Hz
AQ 0.1576960 sec
RG 203
DW 77.000 usec
DE 6.00 usec
TE 298.4 K
CNST2 145.0000000
CNST17 +0.0000000
D0 0.00000300 sec
D1 1.50000000 sec
D4 0.00172414 sec
D11 0.03000000 sec
D16 0.00020000 sec
D24 0.00086200 sec
IN0 0.00001810 sec
TD1 2
SFO1 500.1328506 MHz
NUC1 1H
P1 12.16 usec
P2 24.32 usec
P28 1000.00 usec
PLW1 15.19999981 W
SFO2 125.7703896 MHz
NUC2 13C
CPDPRG[2 garp4
P3 20.89 usec
P14 500.00 usec
P24 2000.00 usec
PCPD2 70.00 usec
PLW2 0 W
PLW12 94.00000000 W
PLW13 2.18140009 W
SPNAM[9] Crp60,0.5,20.1
SPOAL9 0.500
SPOFFS9 0 Hz
SPW9 16.10700025 W
SPNAM[7] Crp60comp.4
SPOAL7 0.500
SPOFFS7 0 Hz
SPW7 16.10700025 W
GPNAM[1] SMSQ10.100
GPZ1 80.00 %
GPNAM[2] SMSQ10.100
GPZ2 20.10 %
GPNAM[3] SMSQ10.100
GPZ3 11.00 %
GPNAM[4] SMSQ10.100
GPZ4 -5.00 %
P16 1000.00 usec
P19 600.00 usec

F1 - Acquisition parameters
TD 256
SFO1 125.7703 MHz
FIDRES 218.834911 Hz
SW 219.641 ppm
FnMODE Echo-Antiecho

F2 - Processing parameters
SI 1024
SF 500.1300109 MHz
WDW QSINE
SSB 2
LB 0 Hz
GB 0
PC 1.40

F1 - Processing parameters
SI 1024
MC2 echo-antiecho
SF 125.7576200 MHz
WDW QSINE
SSB 2
LB 0 Hz
GB 0

Figure S22. HSQC (CD_3OD) spectrum of **4**

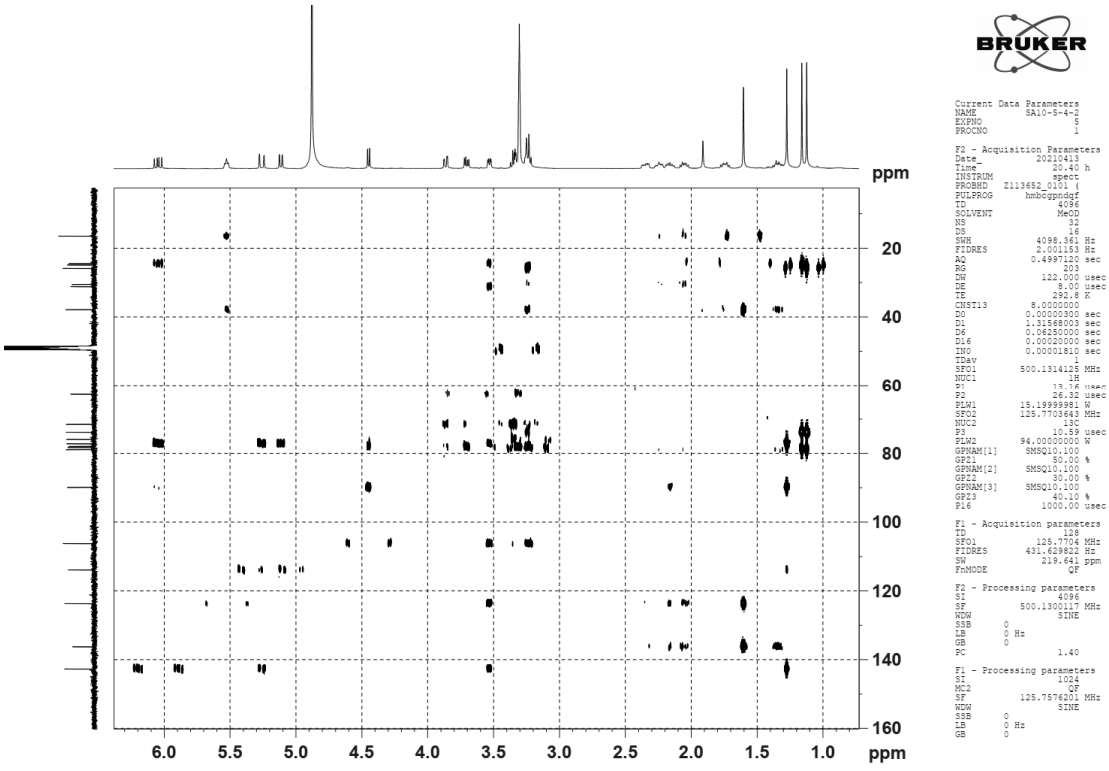

Figure S23. HMBC (CD_3OD) spectrum of **4**

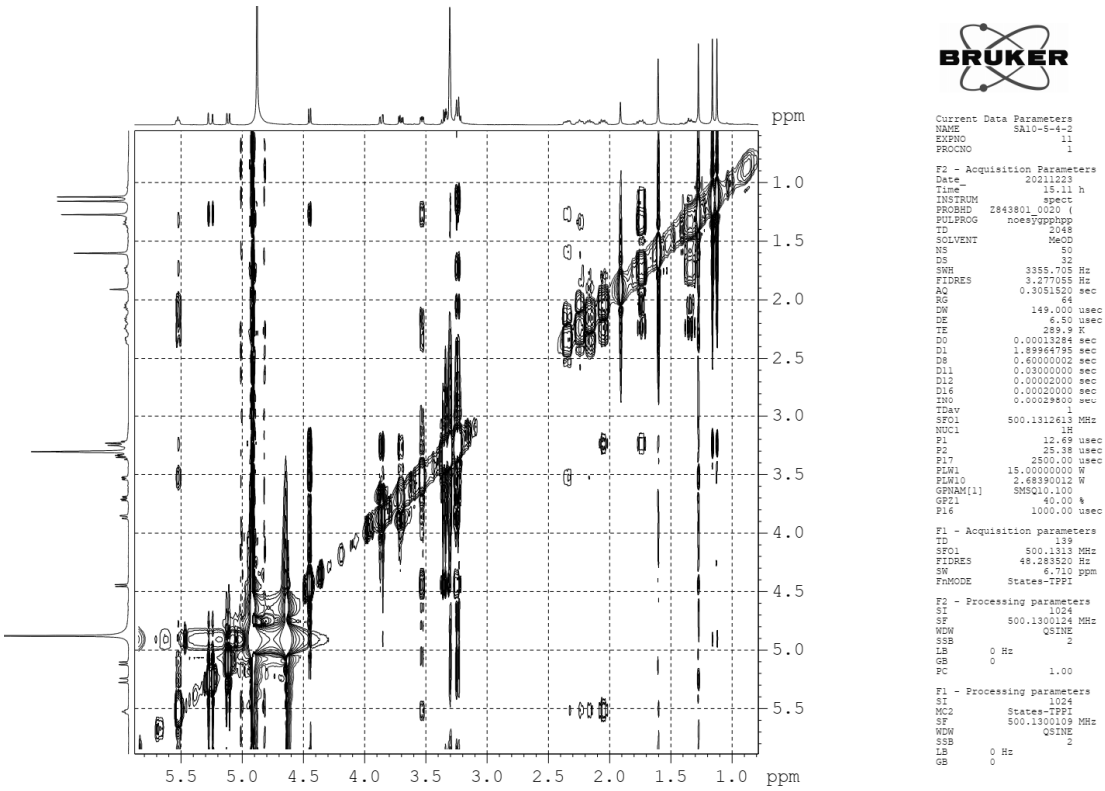

Figure S24. NOESY (CD_3OD) spectrum of **4**

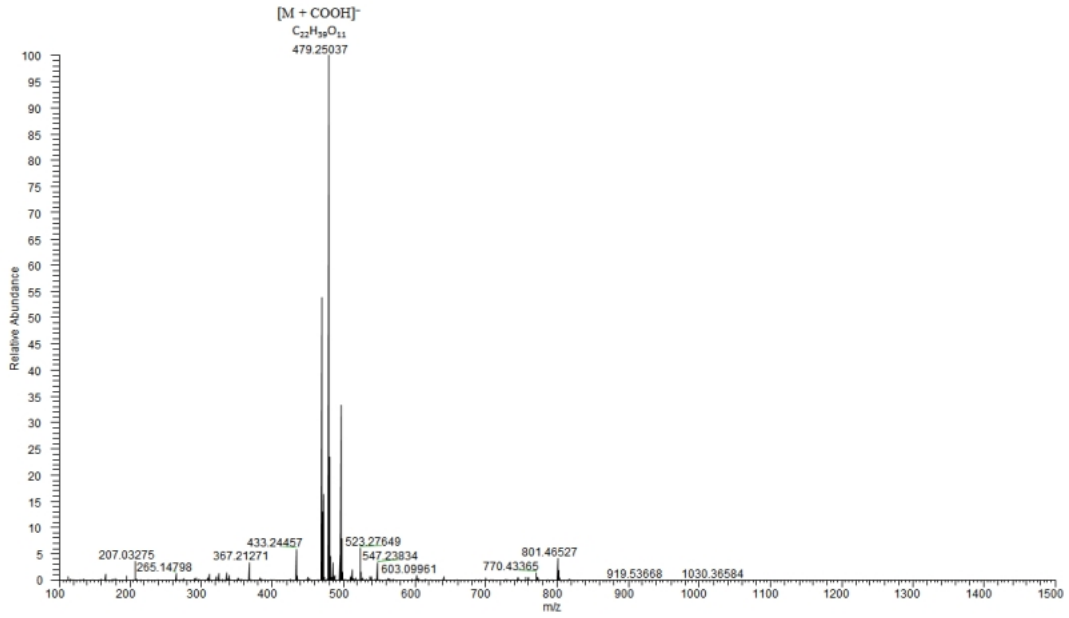

Figure S25. ESI-Q-Orbitrap-MS spectrum of **4**

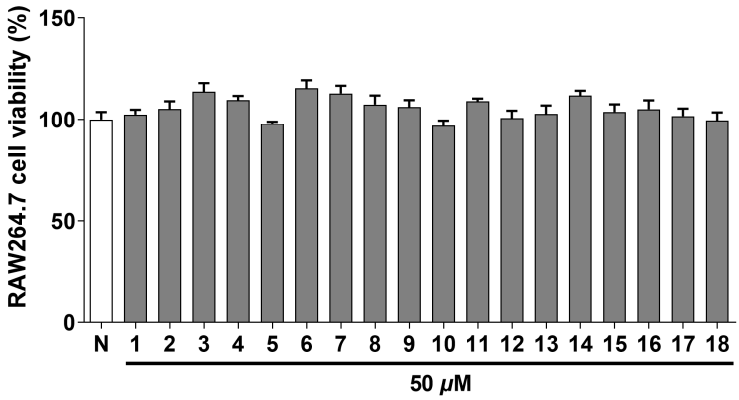

Figure S26. MTT asSAy of compounds **1**–**18** at the concentration of 50 μM on RAW264.7 cells Cell viability: percentage of normal group (set as 100%). Values represent the mean ± SD of six determinations. ***$P < 0.001$ (Difference between compound-treated group and normal group).