

SUPPORTING INFORMATION

Synthesis of Antioxidants for Prevention of Age-related Macular Degeneration.[#]

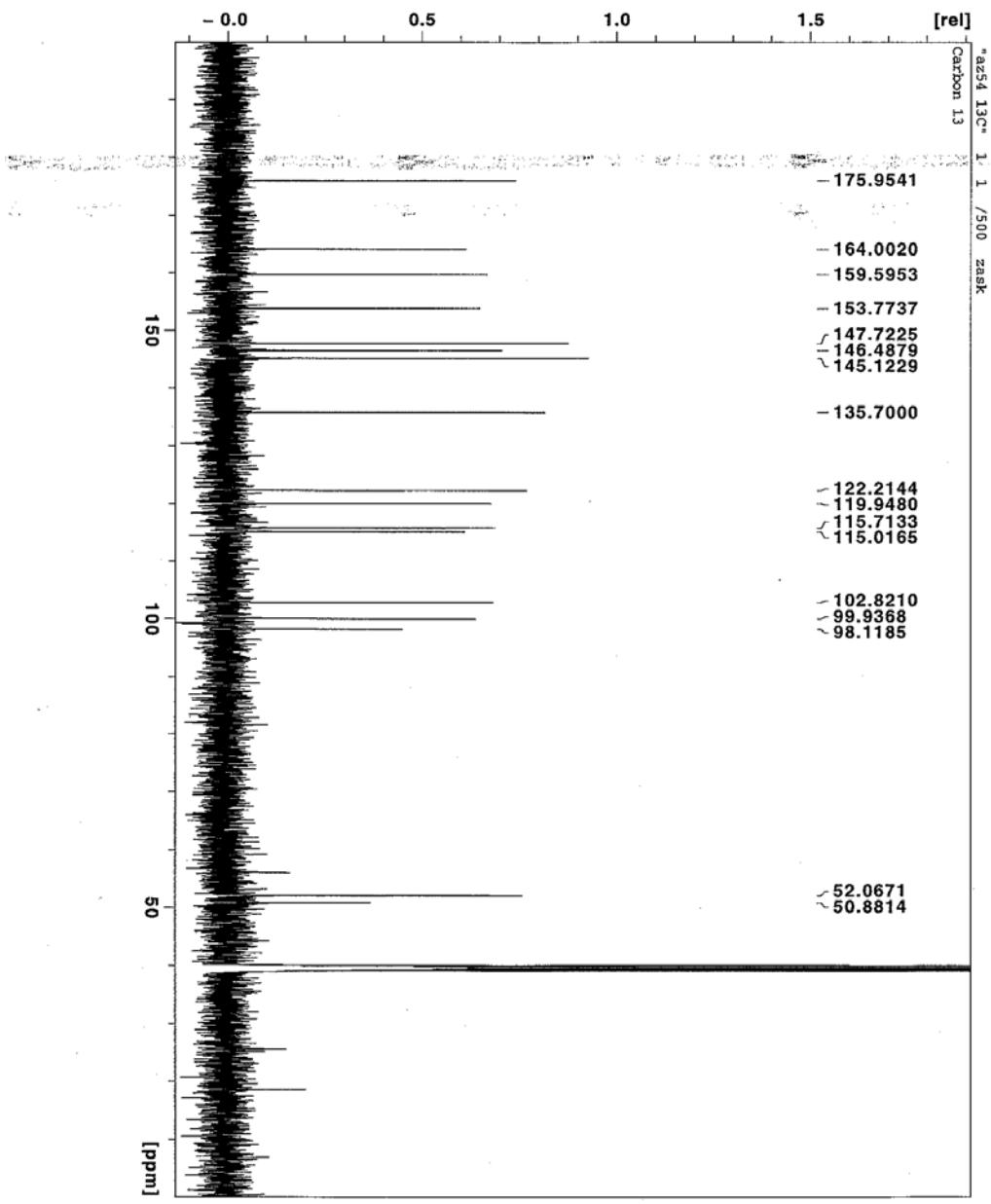
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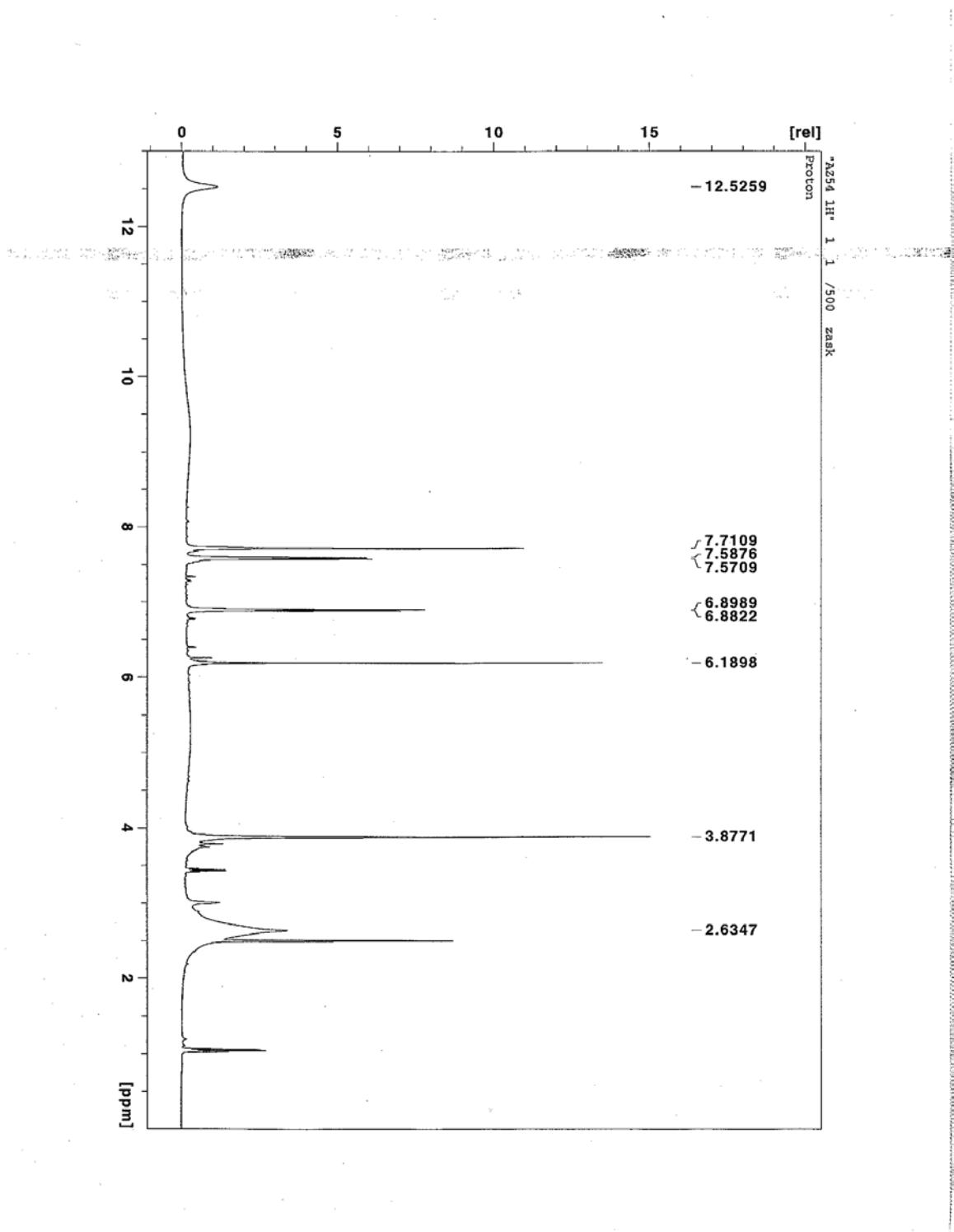
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[#]Dedicated to Dr. Lester A. Mitscher, of the University of Kansas, for his pioneering work on the discovery of bioactive natural products and their derivatives.

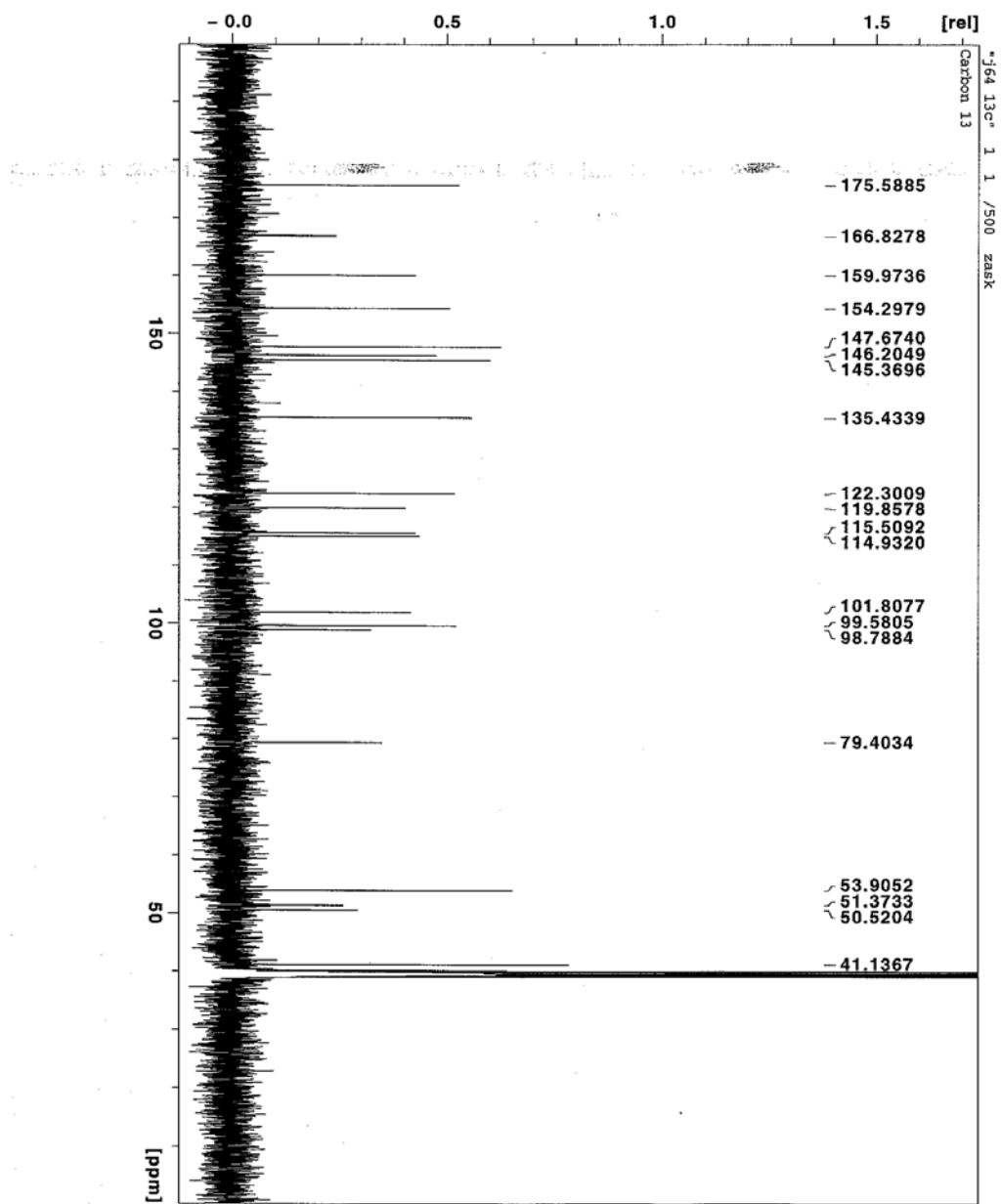
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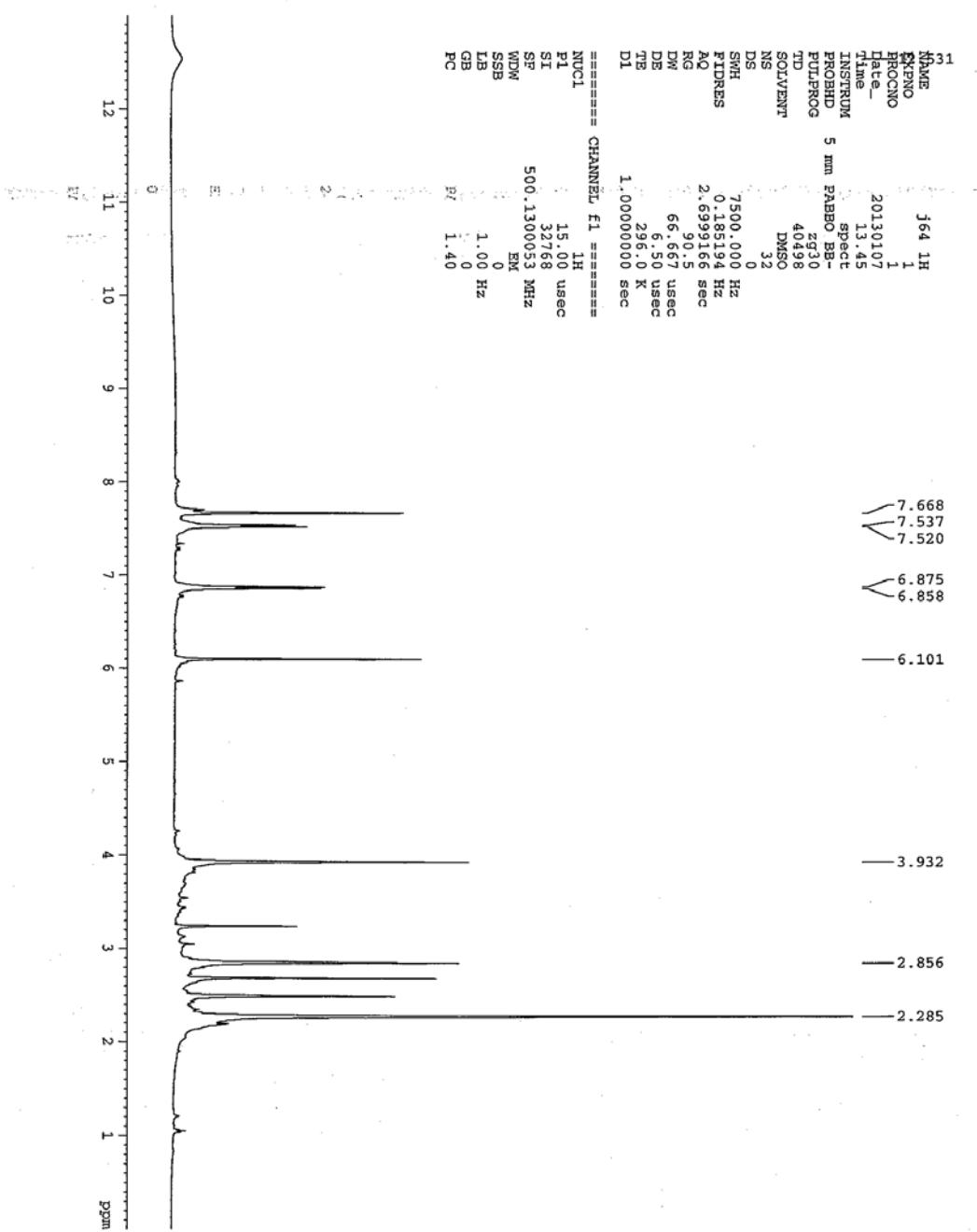
S1. ¹³C NMR (500 MHz, DMSO-*d*₆) spectrum of the new compound **3**.



S2. ${}^1\text{H}$ NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound 3.



S3. ^{13}C NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **4**.



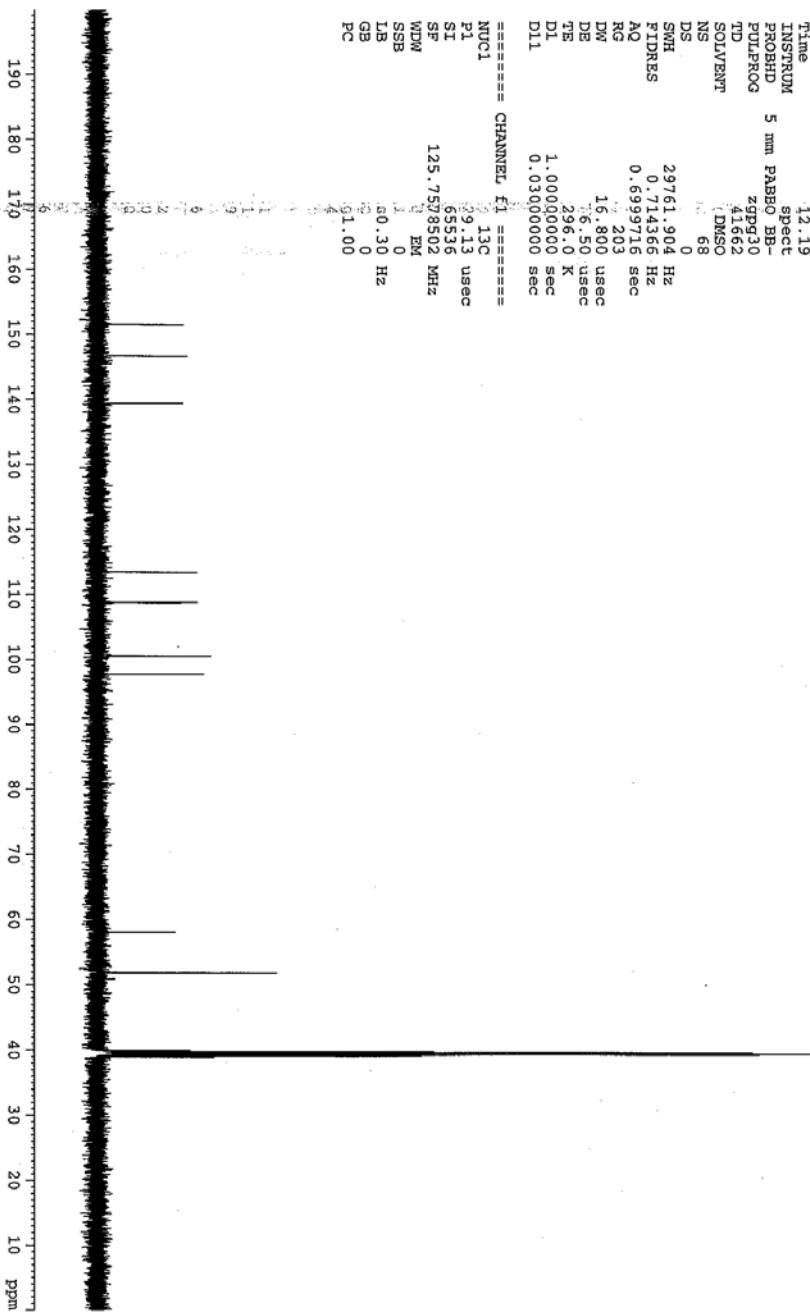
S4. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **4**.

NAME az52¹³C
 EXPNO 1
 PROCONO 1
 Date_ 20130107
 Time 12.19
 INSTRUM spect
 PROBHD 5 mm PAR50 BB-
 PULPROG zgpp30
 TD 41662
 SOLVENT DMSO
 NS 68
 DS 0
 SWH 29761.904 Hz
 FIDRES 0.71436 Hz
 AQ 0.6599716 sec
 RG 203
 DW 16.800 usec
 DE 16.50 usec
 TE 296.0 K
 D1 1.0000000 sec
 D11 0.0300000 sec

===== CHANNEL E1 =====

NUC1 ¹³C
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 SI 65336
 SP 125.7578502 MHz
 WDW EM
 SSB 0
 LB 50.30 Hz
 GB 0
 PC 01.00

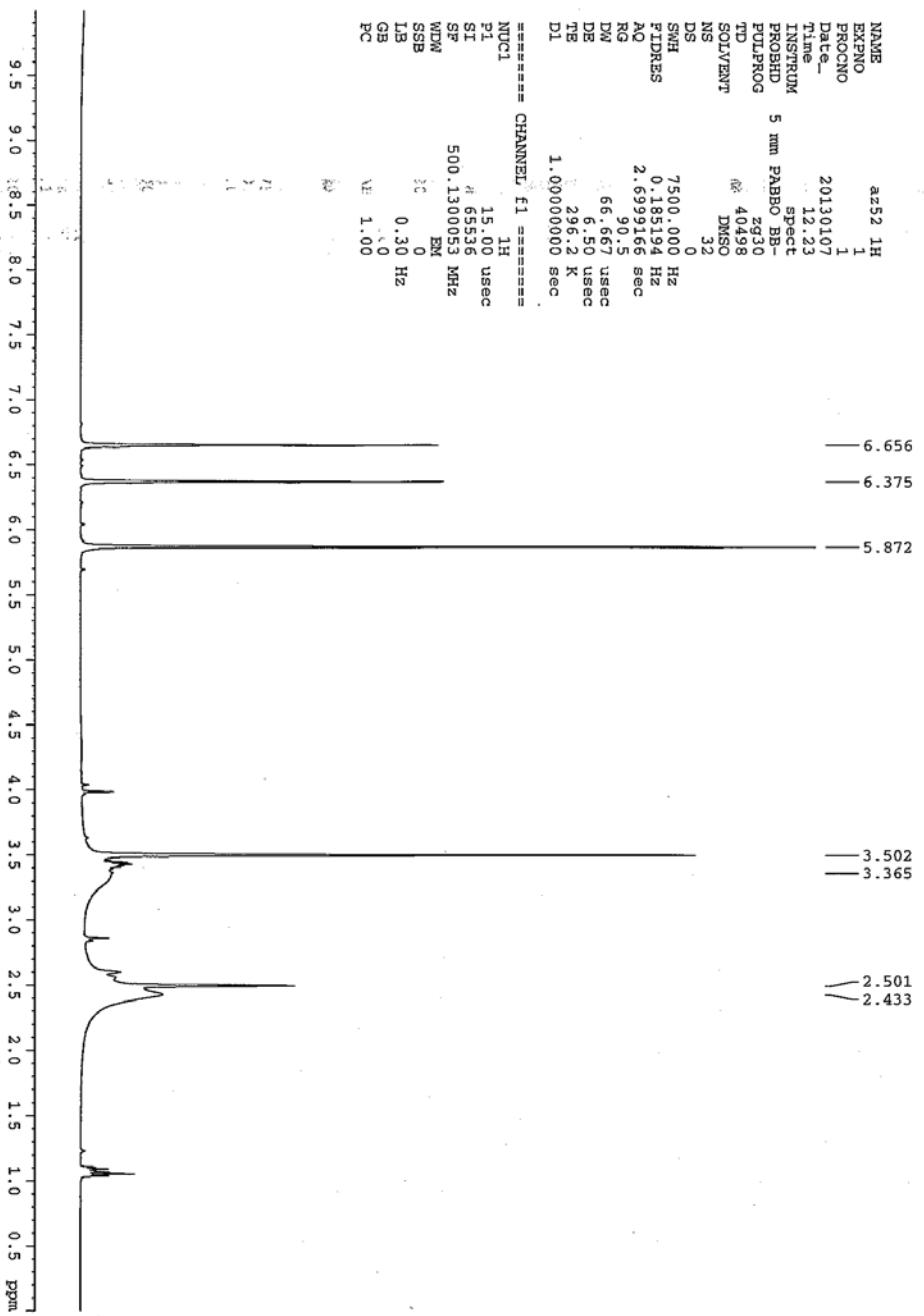
—— 151.486
 —— 146.672
 —— 139.484
 —— 113.467
 —— 108.795
 —— 100.489
 —— 97.723
 —— 58.104
 —— 51.927



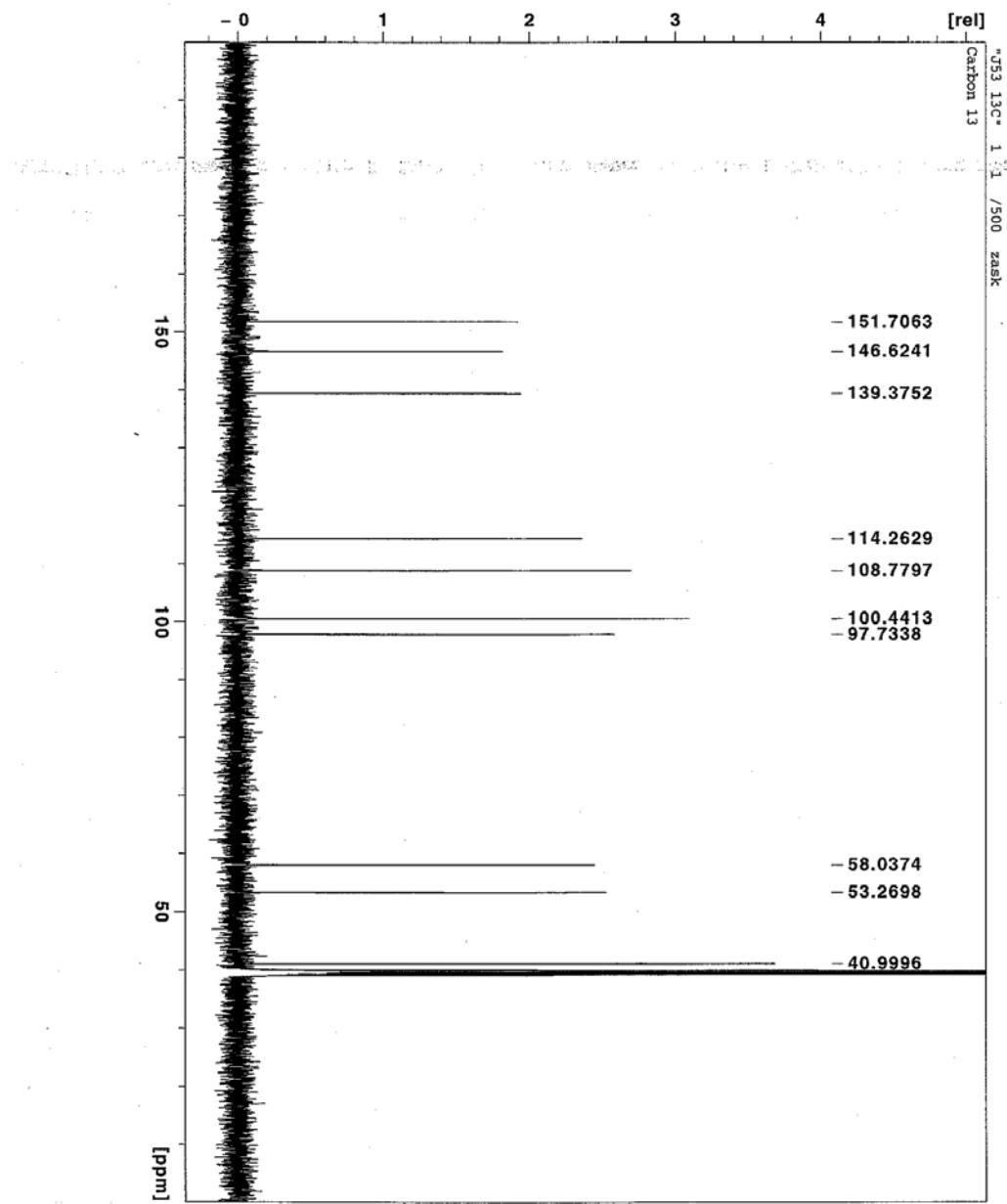
S5. ¹³C NMR (500 MHz, DMSO-*d*₆) spectrum of the new compound **5**.

NAME az52 1H
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 PROBNO 1
 DATE 20130107
 TIME 12.23
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG Z30
 TD 4098
 SOLVENT DMSO
 NS 32
 DS 0
 SWH 7500.000 Hz
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 DB 6.50 usec
 TB 296.2 K
 DL 1.0000000 sec

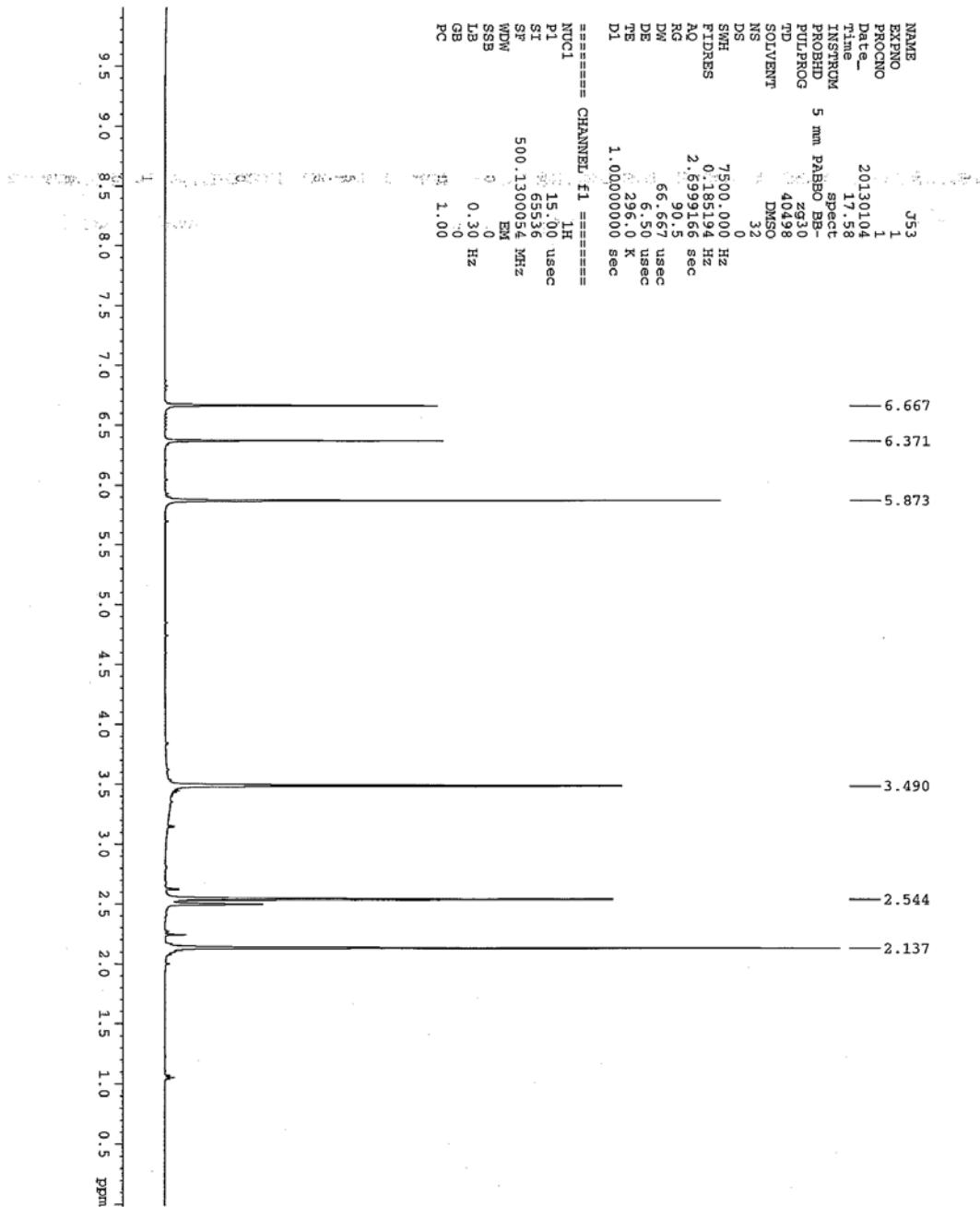
===== CHANNEL F1 ======
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 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



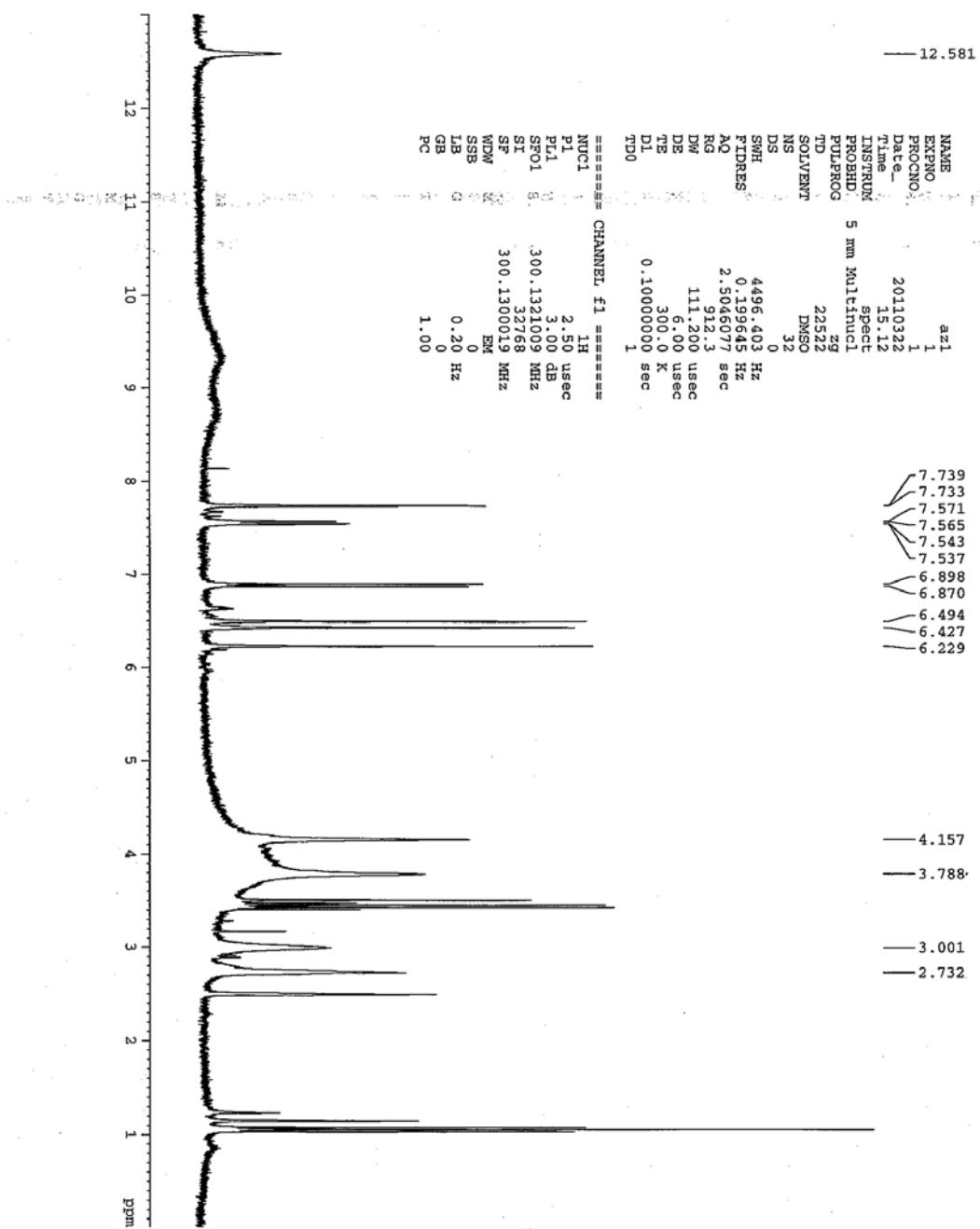
S6. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound 5.



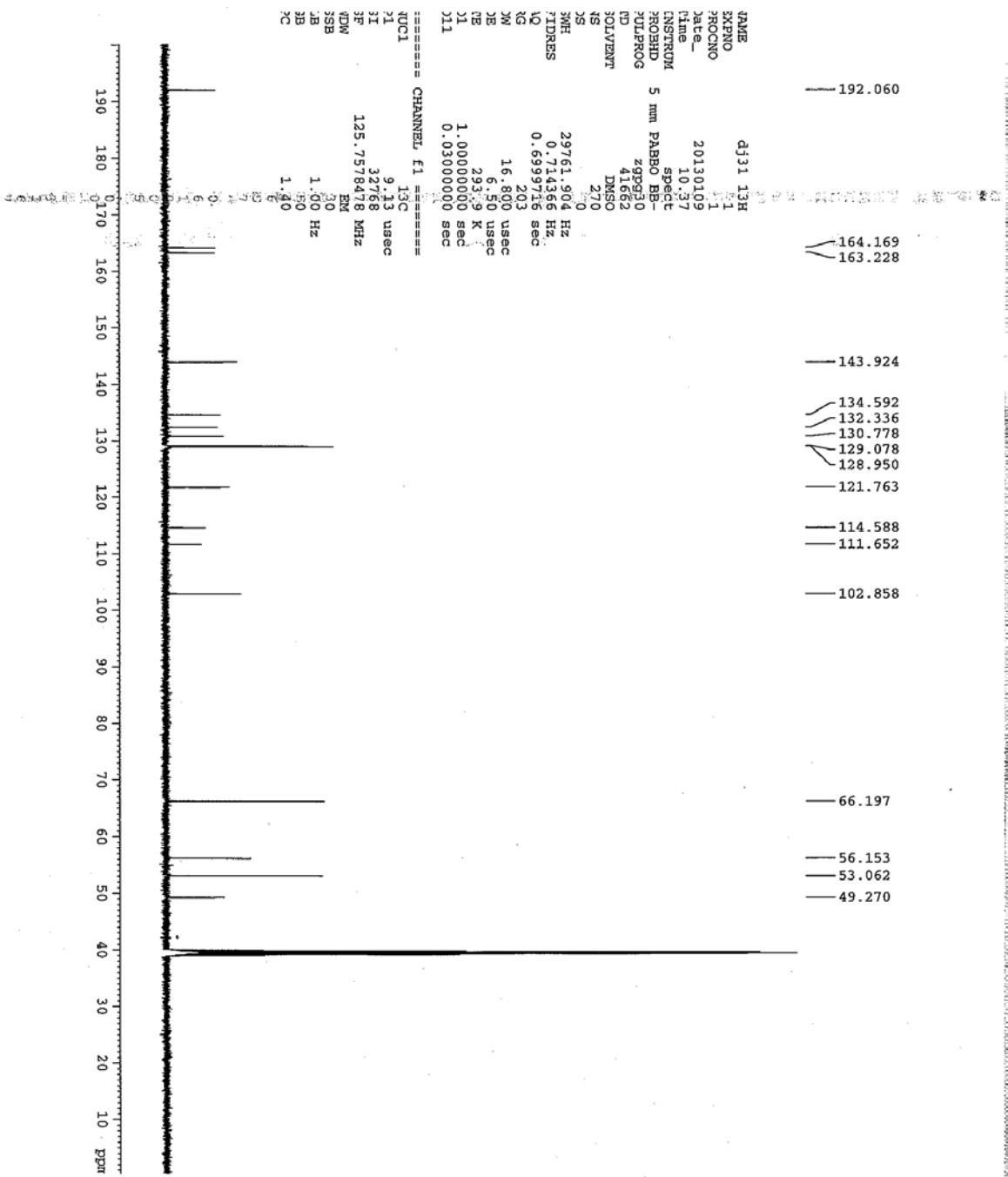
S7. ¹³C NMR (500 MHz, DMSO-*d*₆) spectrum of the new compound **6**.



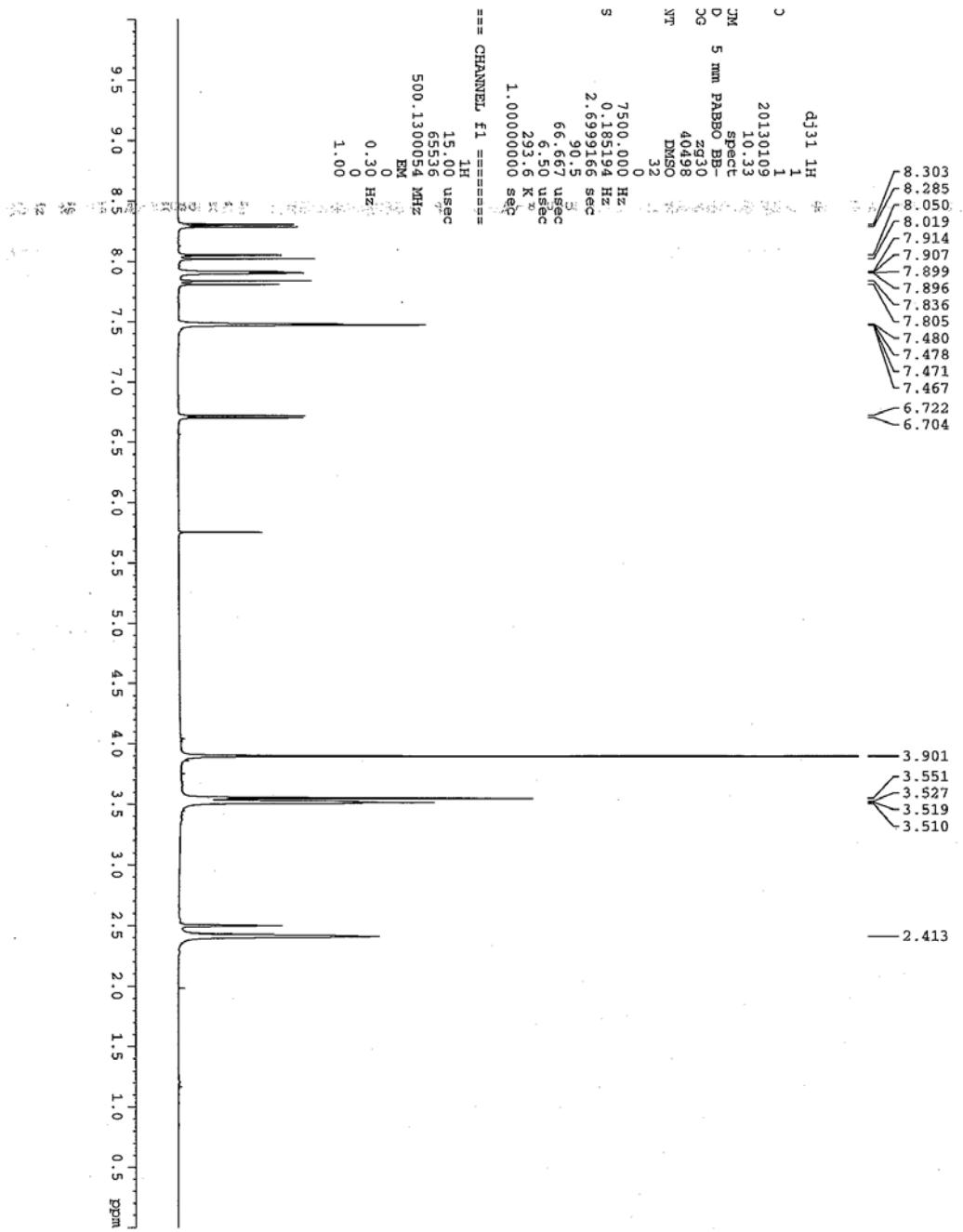
S8. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **6**.



S9. ^1H NMR (300 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **8**.



S10. ^{13}C NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **10b**.



S11. ^1H NMR (500 MHz, DMSO- d_6) spectrum of the new compound **10b**.