Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Synthesis and Photovoltaic Properties of Dithieno[3,2-b:2',3'-d]silole-Based conjugated copolymer

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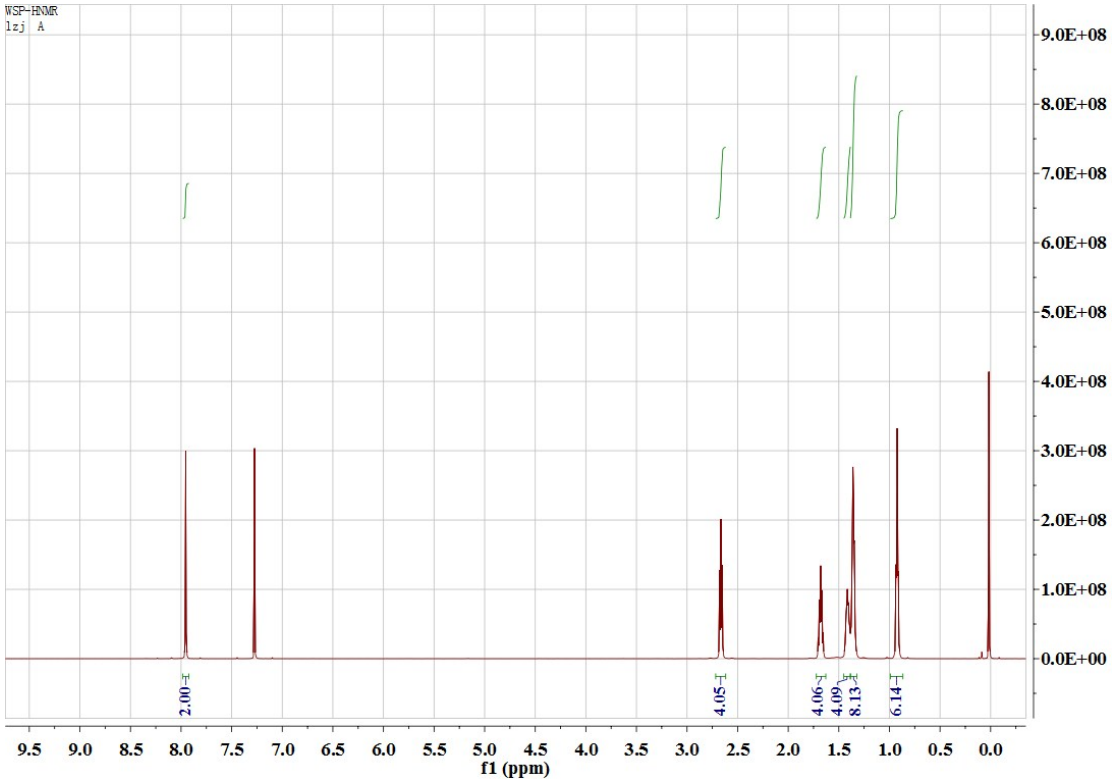
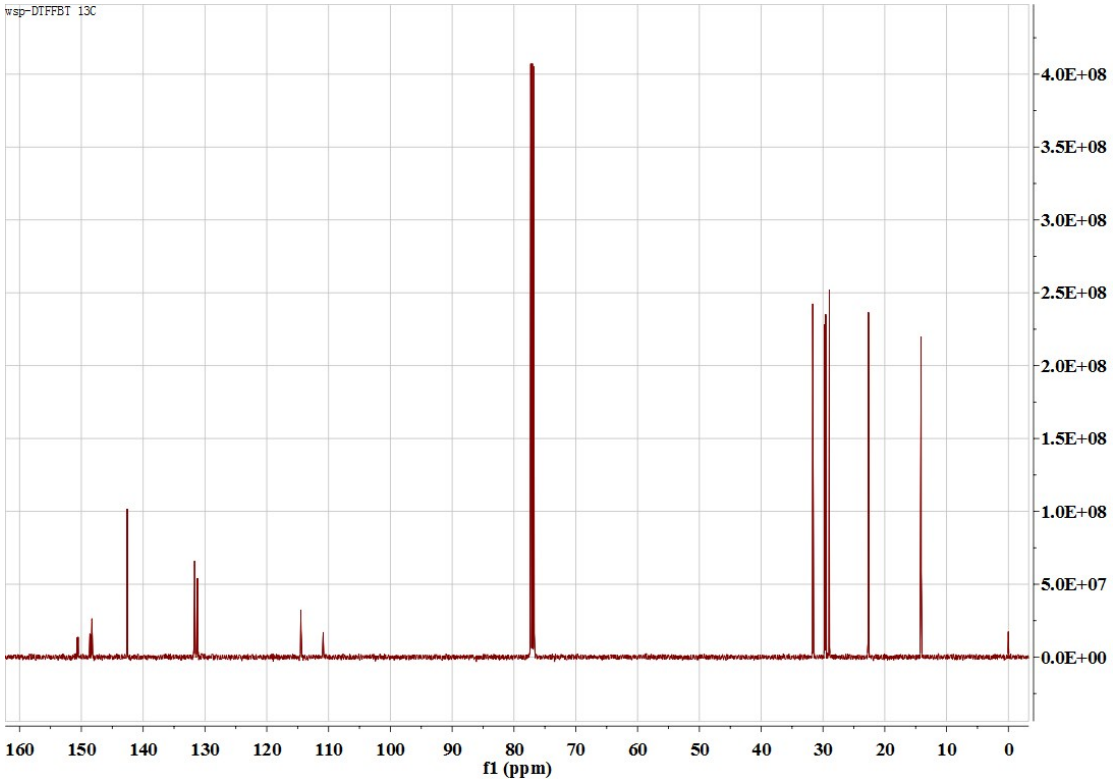


Figure S1. ^{1}H NMR spectrum of M1 at room temperature.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2.5E+08
2.0E+08
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5.0E+07
0.0E+00
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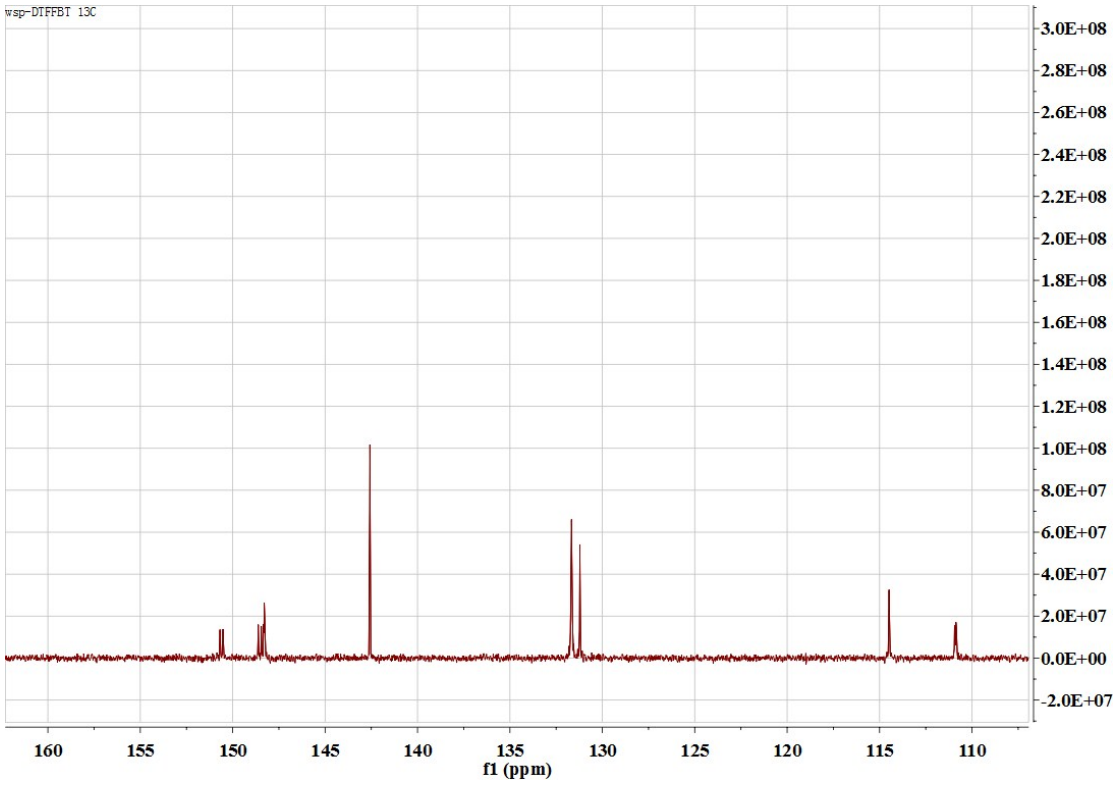
f1 (ppm)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1.4E+08
1.2E+08
1.0E+08
8.0E+07
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f1 (ppm)

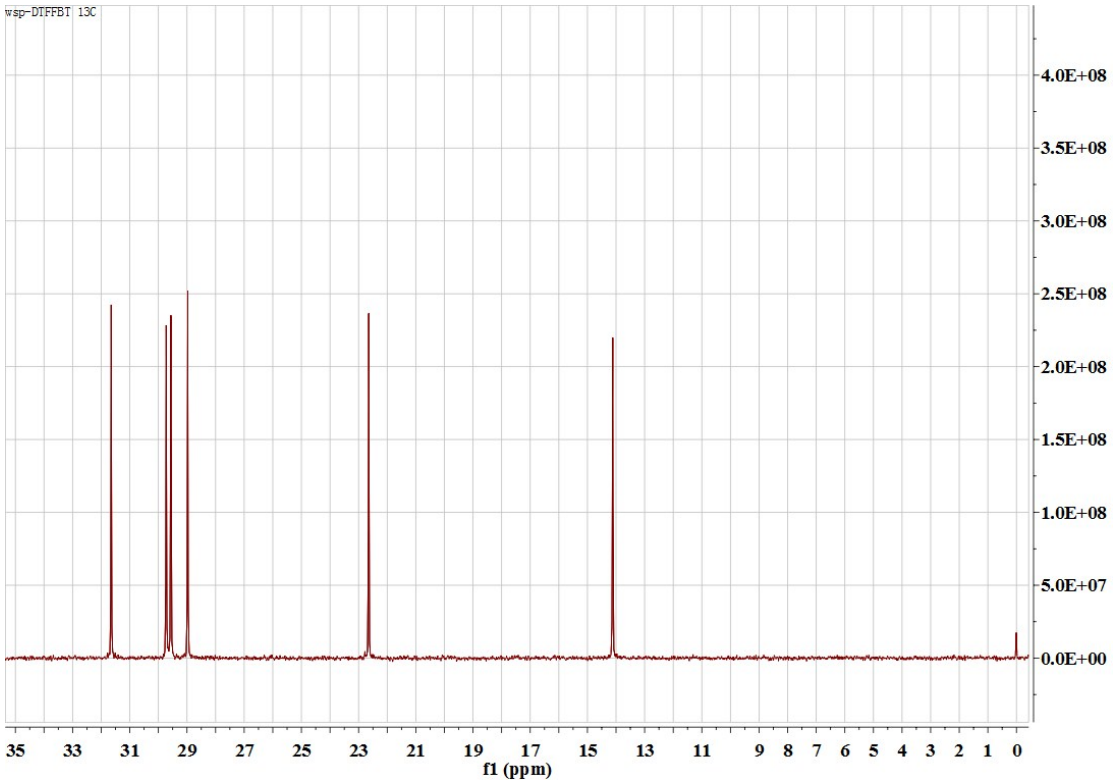


Figure S2. ^{13}C NMR spectra of M1 at room temperature (the peaks above 110 ppm and below 35 ppm are also shown for clarity.).

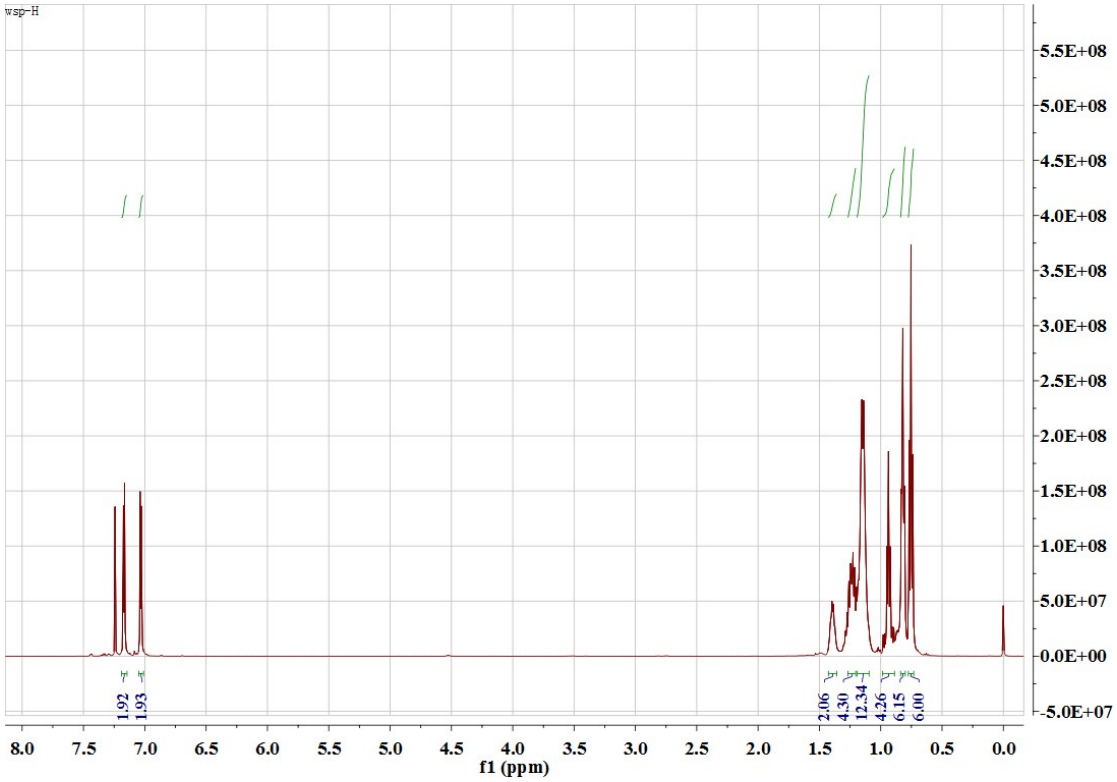


Figure S3. ^{1}H NMR spectrum of compound **4** at room temperature.

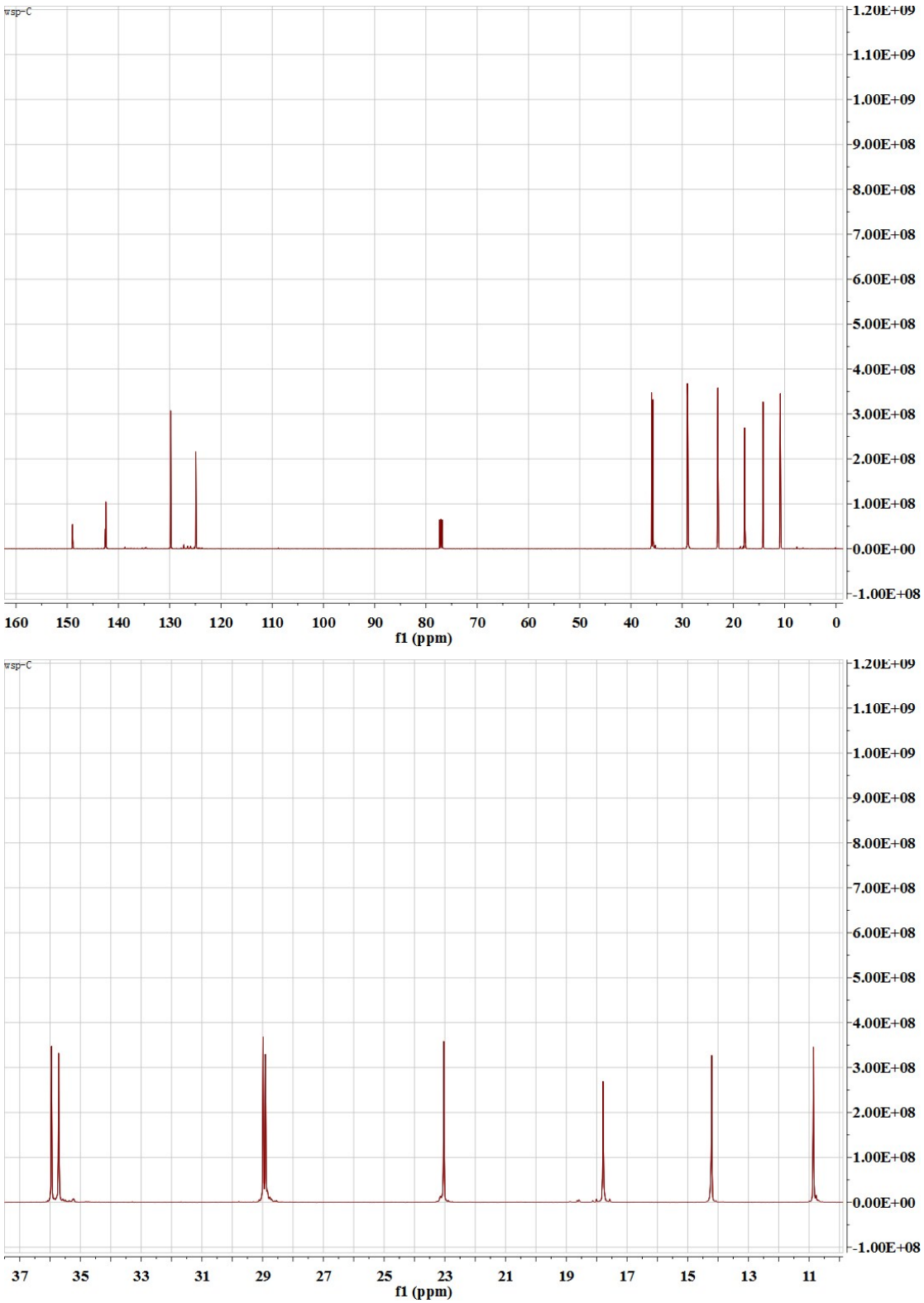


Figure S4. ^{13}C NMR of spectra of compound **4** at room temperature (the peaks below 37 ppm are also shown for clarity).

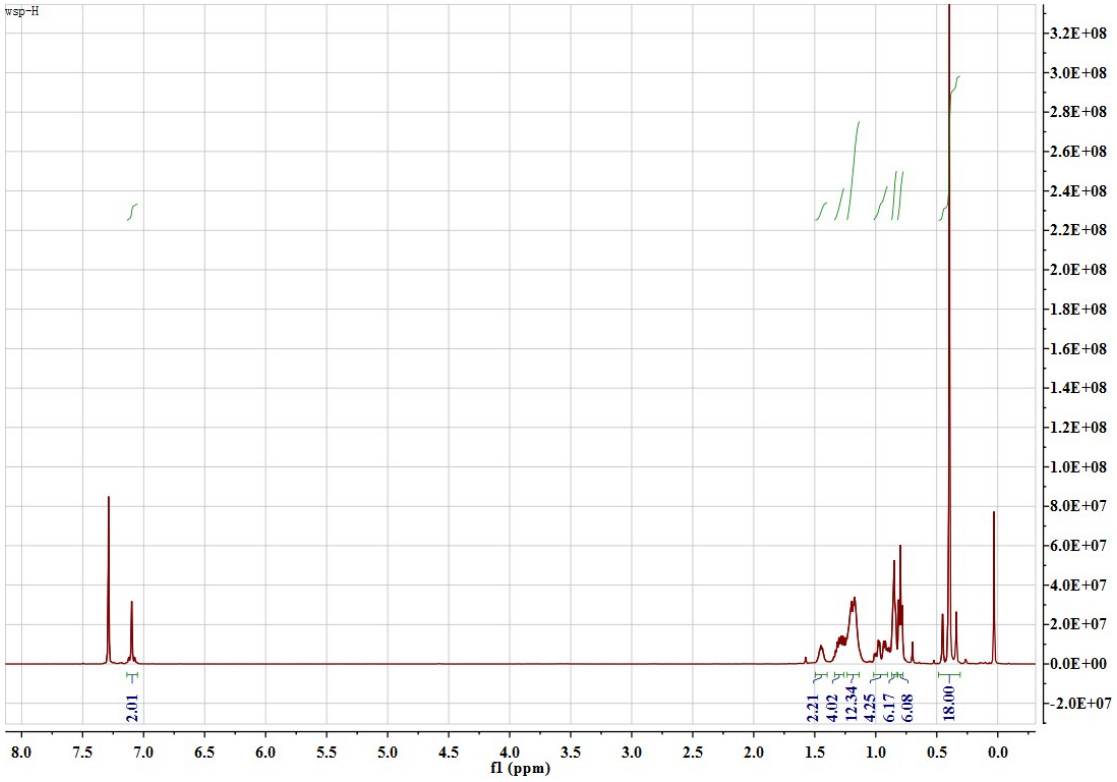
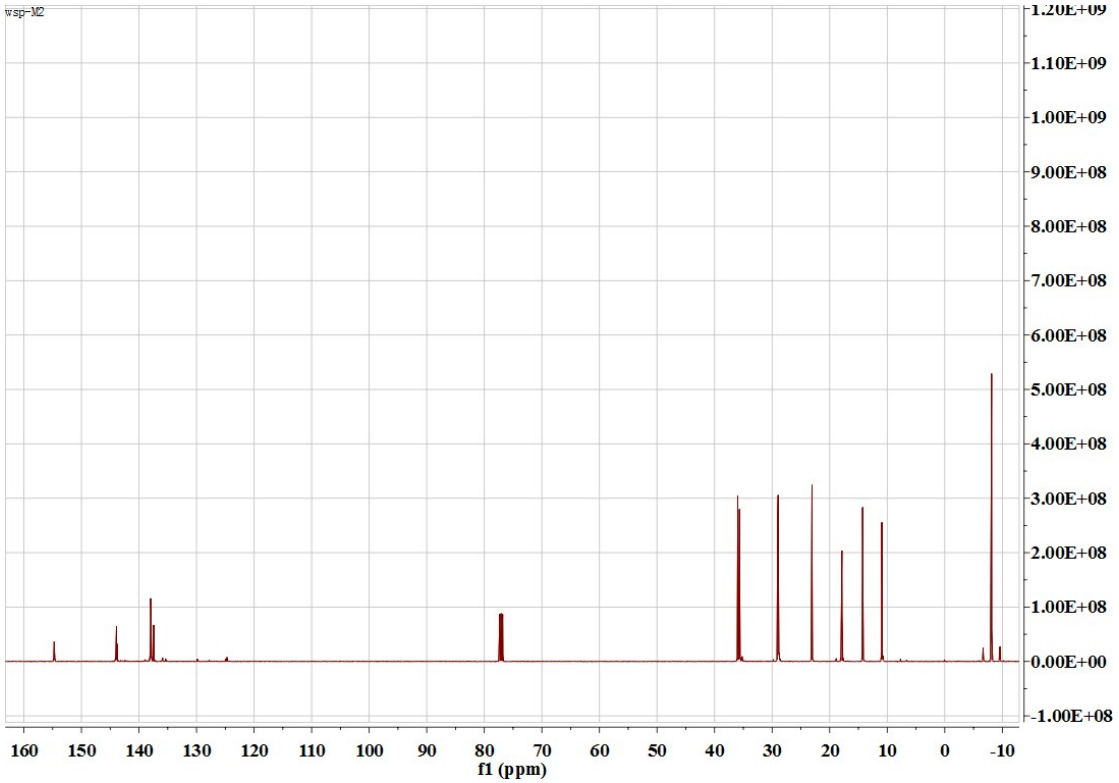


Figure S5. ^{1}H NMR spectrum of M2 at room temperature.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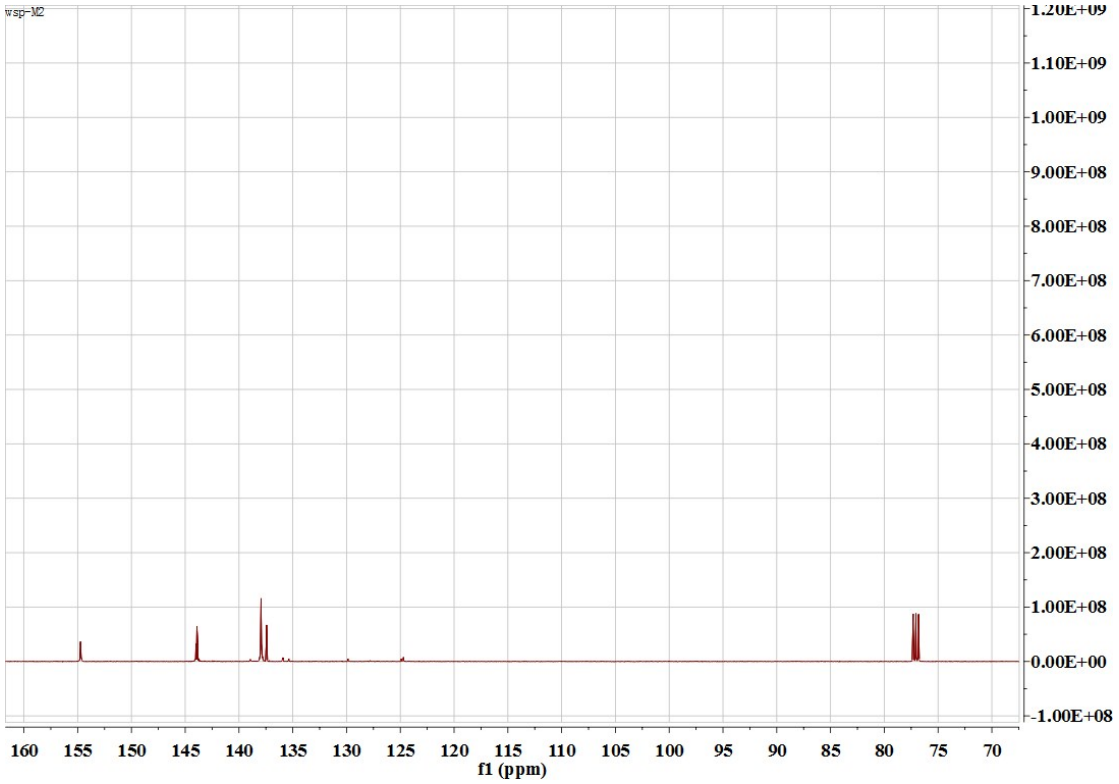
9.00E+08
8.00E+08
7.00E+08
6.00E+08
5.00E+08
4.00E+08
3.00E+08
2.00E+08
1.00E+08
0.00E+00
-1.00E+08
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10
f1 (ppm)


wsp-M2
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1.10E+09
1.00E+09
9.00E+08
8.00E+08
7.00E+08
6.00E+08
5.00E+08
4.00E+08
3.00E+08
2.00E+08
1.00E+08
0.00E+00
-1.00E+08
160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70
f1 (ppm)

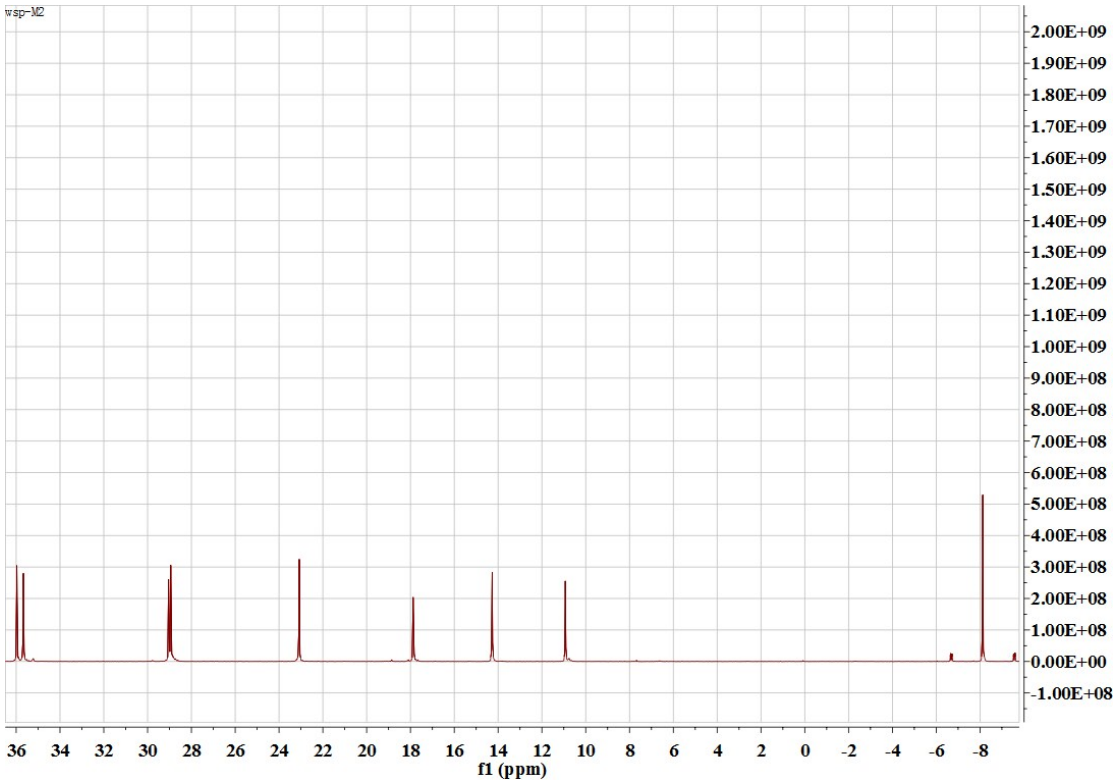

Figure S6. ^{13}C NMR spectra of M2 at room temperature (The peaks above 70 ppm and below 36 ppm are shown for clarity.).