

**5-Methyl-3,8-di-(2-amino-4-bromophenyl)-4,9-dioxo-1,2,6,7-tetraaza-5 $\lambda$ <sup>5</sup>-phosphaspiro[4.4]nona-2,7-diene – Synthesis and Preliminary Cytotoxic Screening**

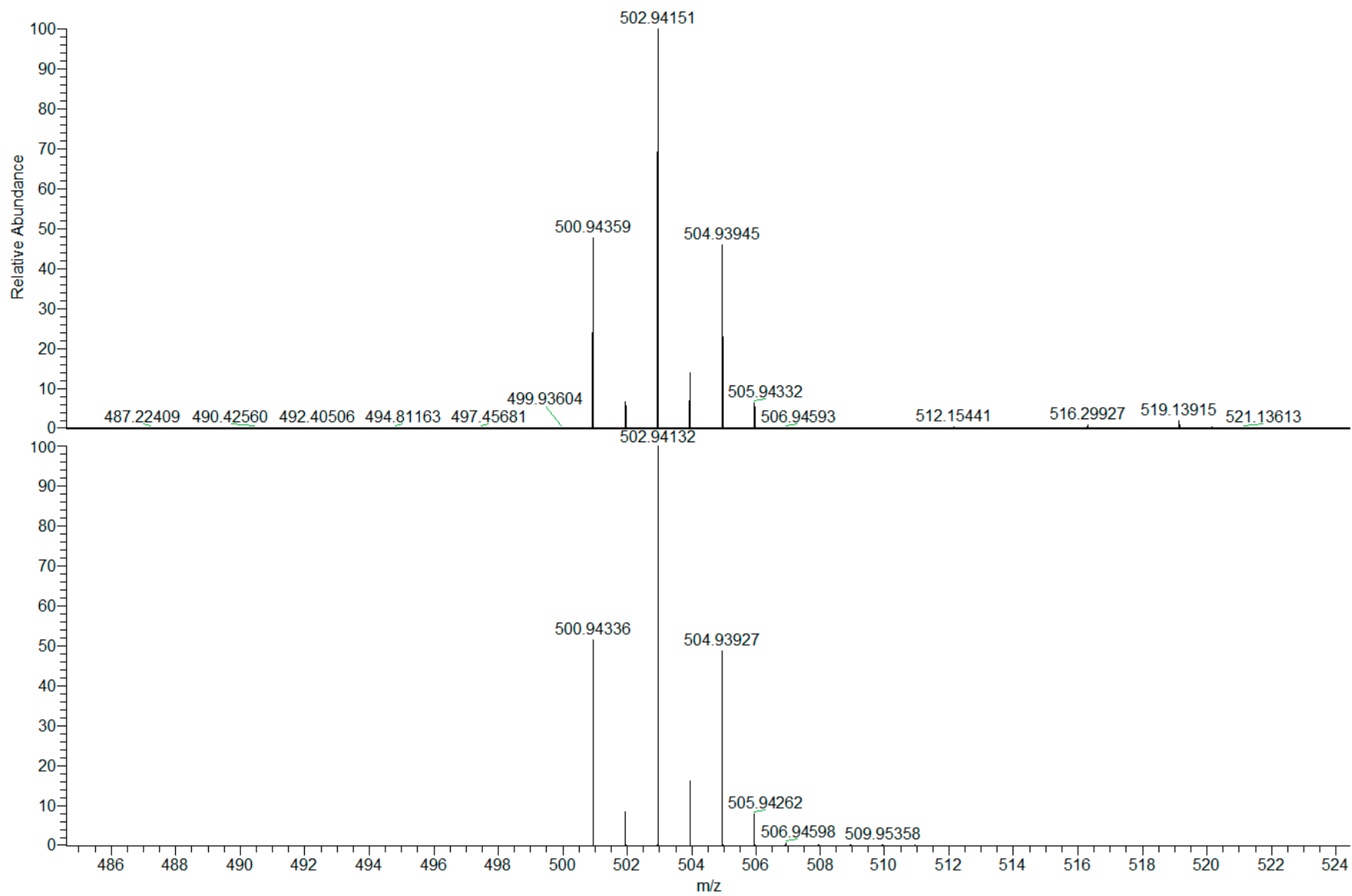
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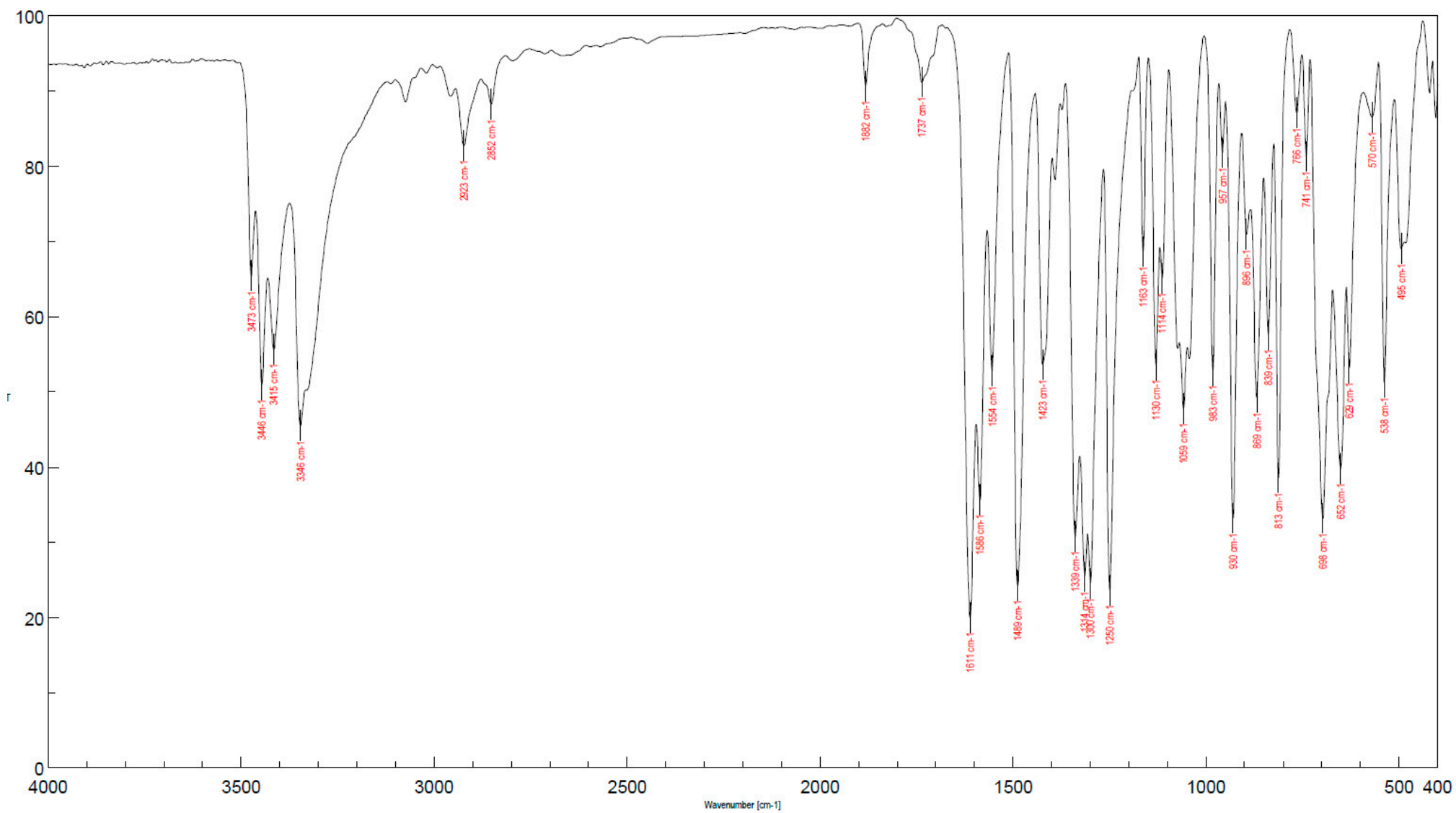
**SUPPLEMENTARY MATERIAL**



NL:  
3.18E7  
171204\_AJM\_05\_668\_1#  
56-170 RT: 0.55-1.63  
AV: 115 T: FTMS + p ESI  
Full ms  
[100.0000-1500.0000]

NL:  
4.13E5  
C<sub>15</sub>H<sub>15</sub>Br<sub>2</sub>N<sub>6</sub>O<sub>2</sub>P +H:  
C<sub>15</sub>H<sub>16</sub>Br<sub>2</sub>N<sub>6</sub>O<sub>2</sub>P<sub>1</sub>  
pa Chrg 1

Fig. S1 HRMS spectrum for 8



[Comments]  
Sample name AJM-05-668-1; w KBr

17112806.jws

Fig. 2S IR spectrum for 8

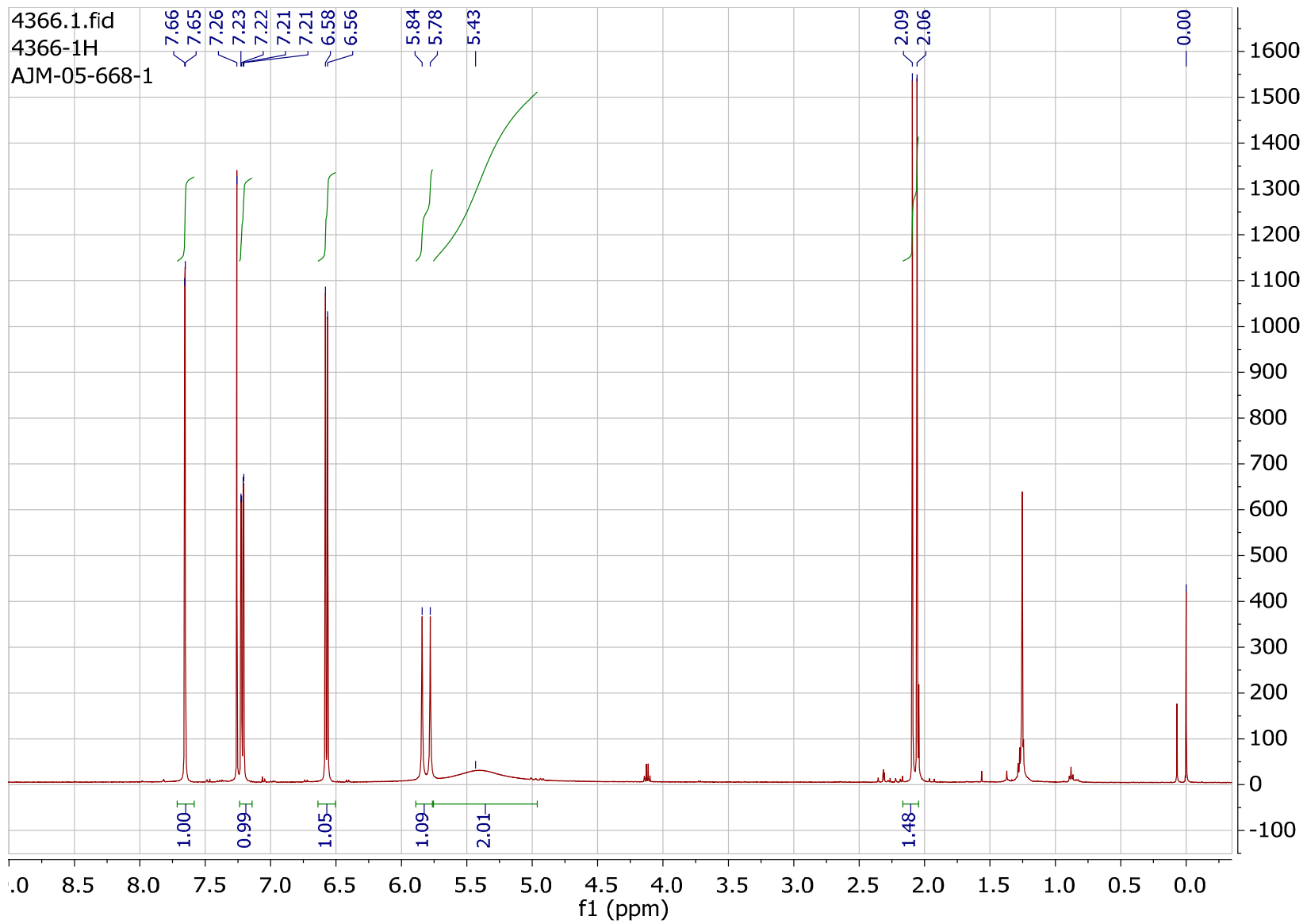


Fig. 3S 1H-NMR for 15

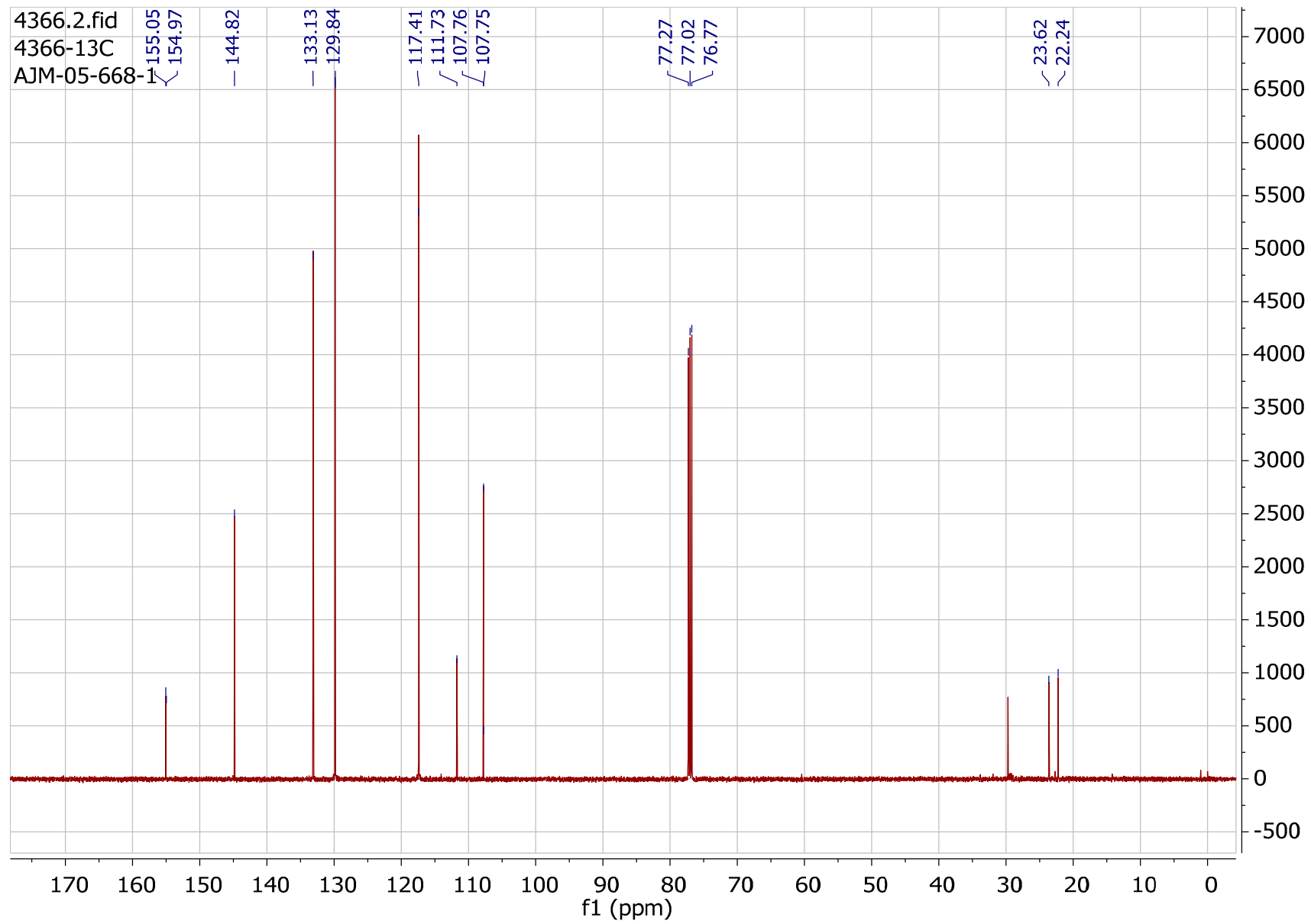


Fig. 4S <sup>13</sup>C-NMR for 15

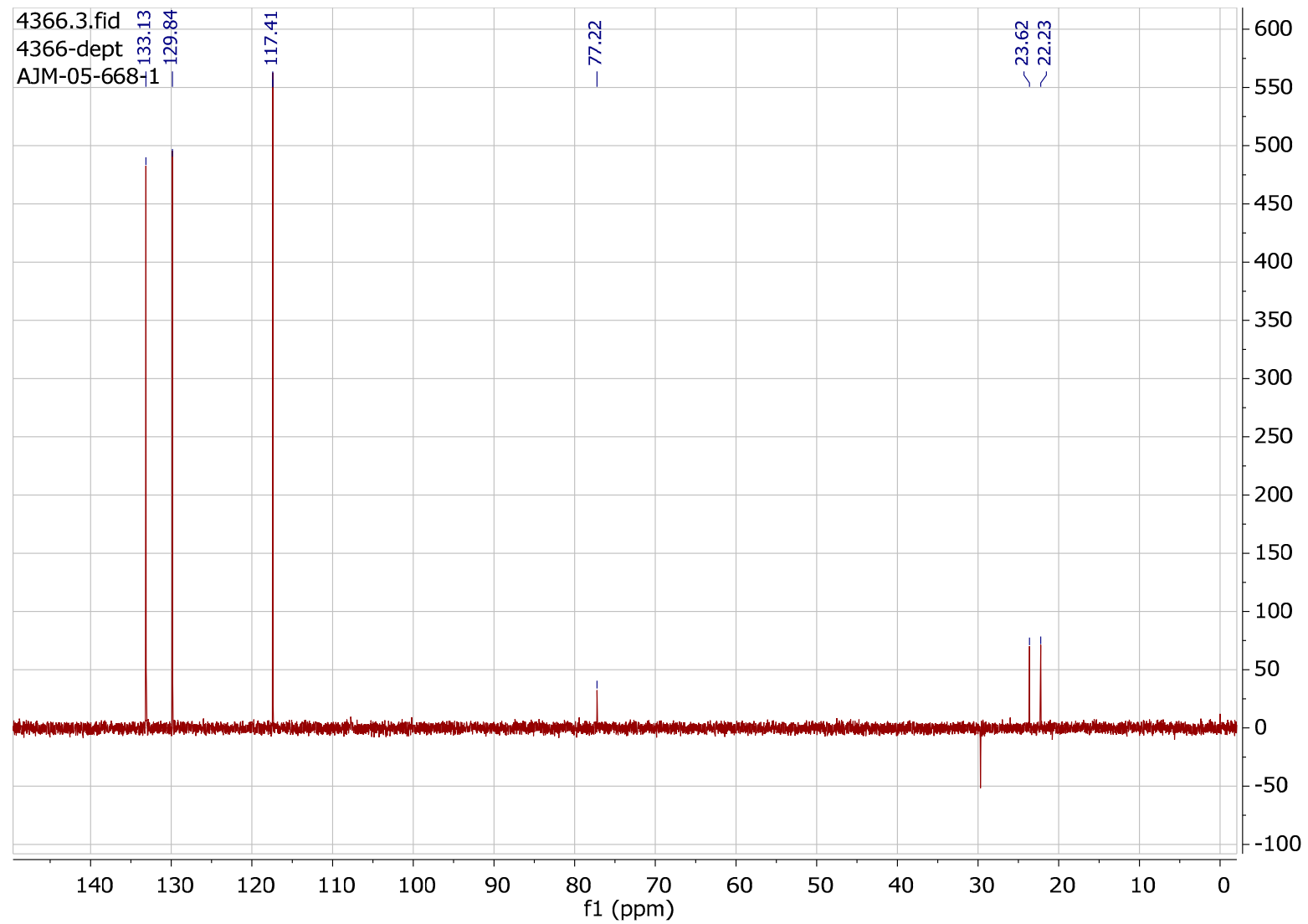


Fig. 5S DEPT135 for 15

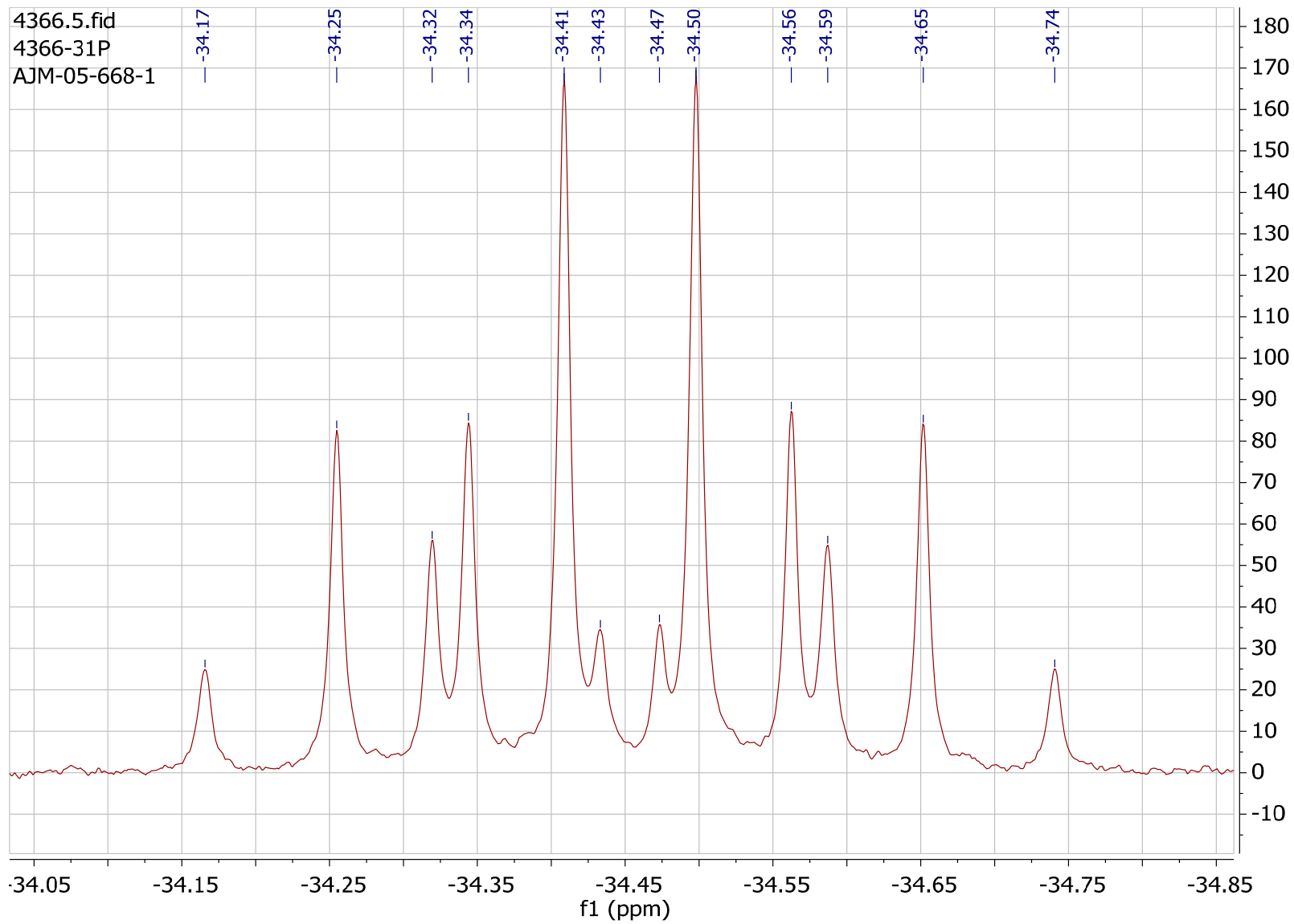


Fig. 6S  $^{31}\text{P}$  (coupled with H) for 15

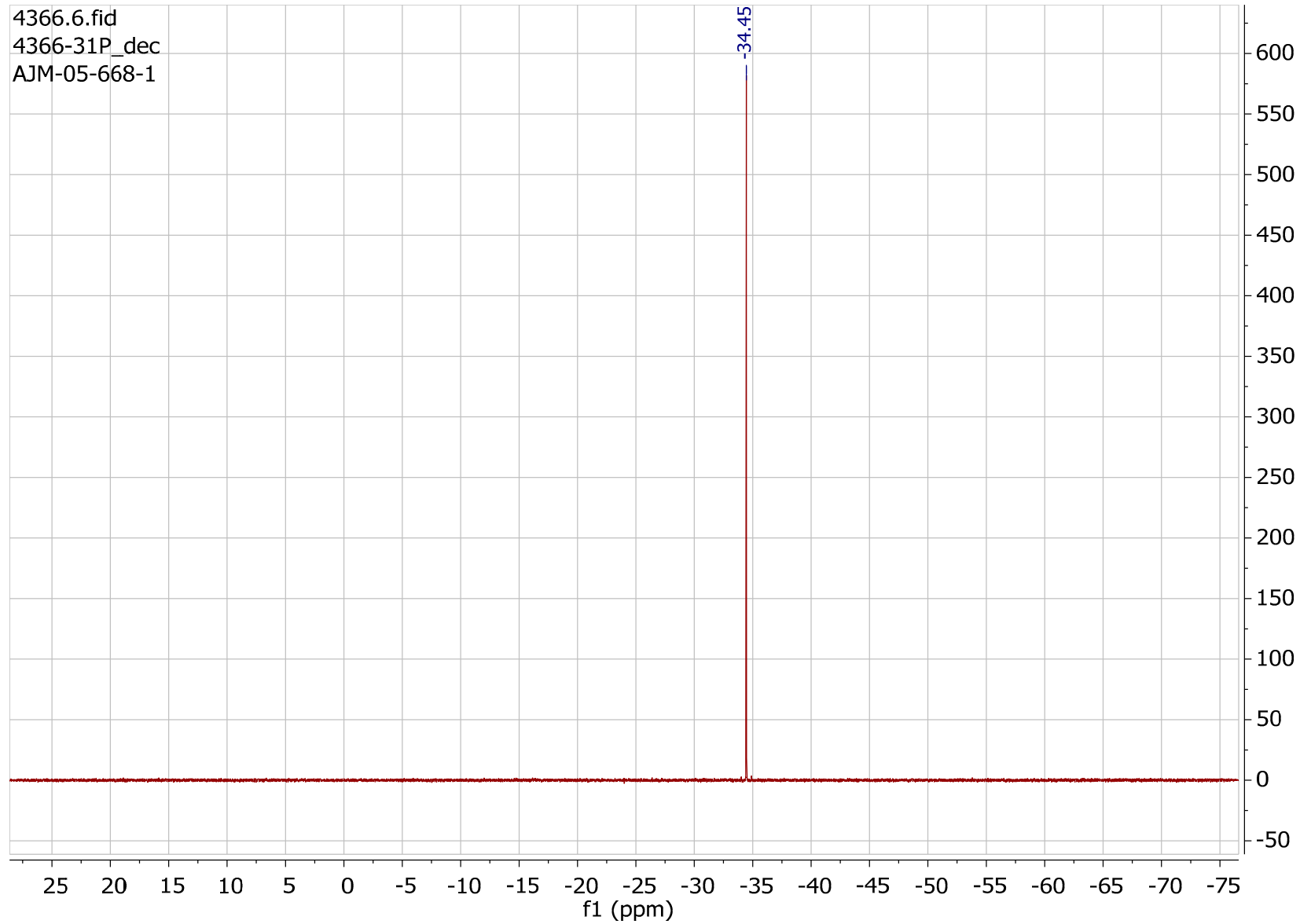


Fig. 7S <sup>31</sup>P (decoupled H) for 15