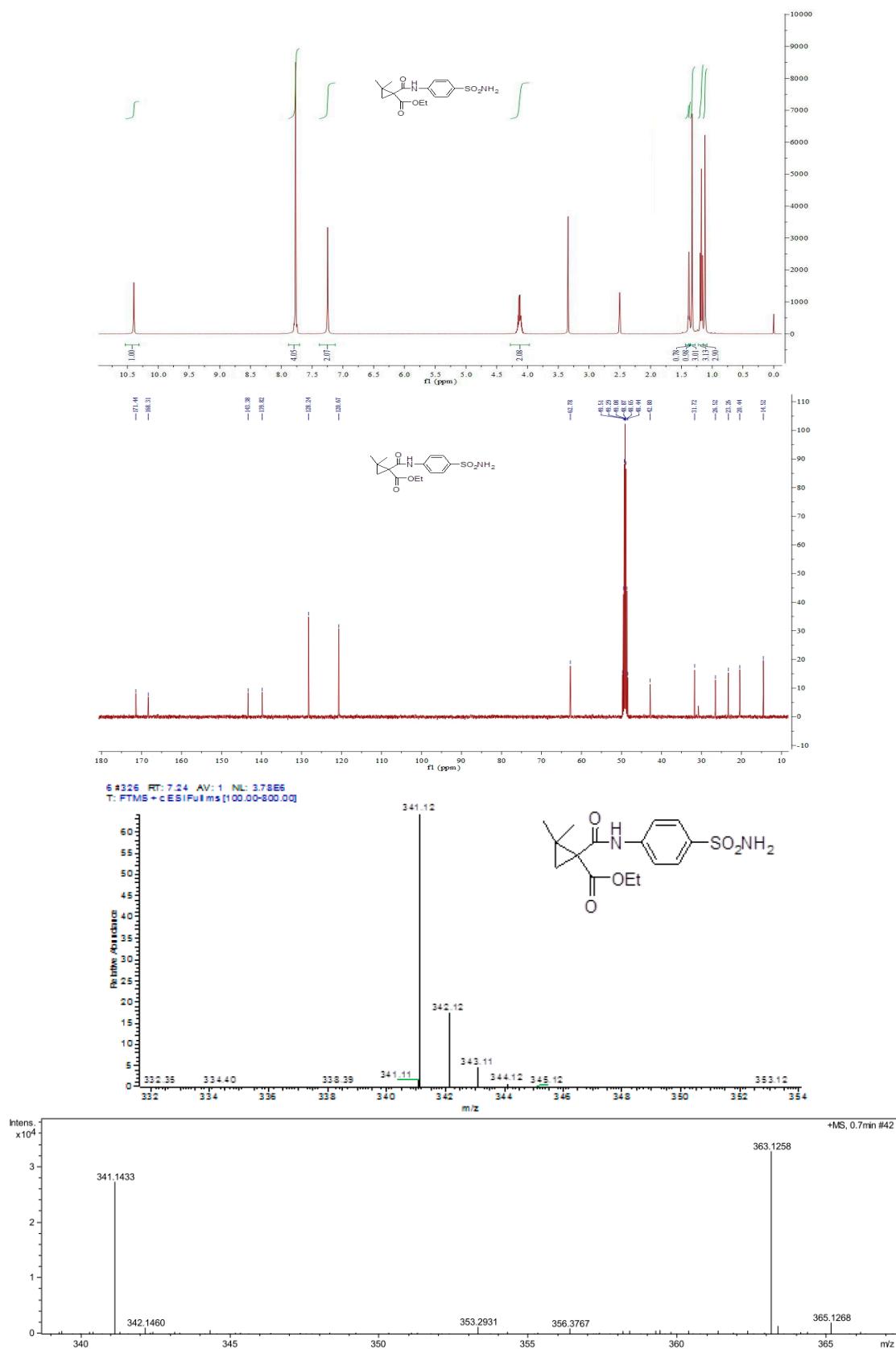
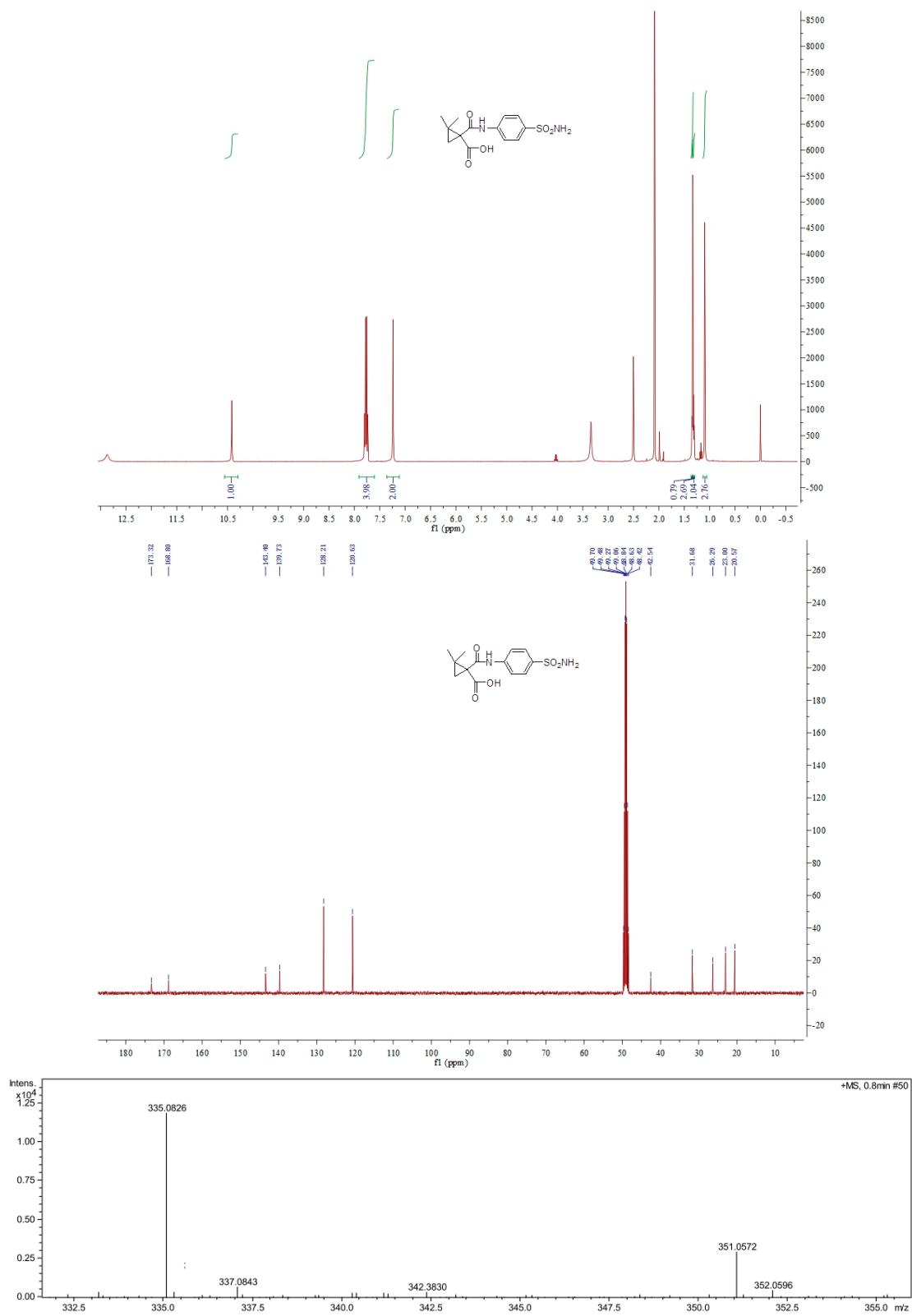
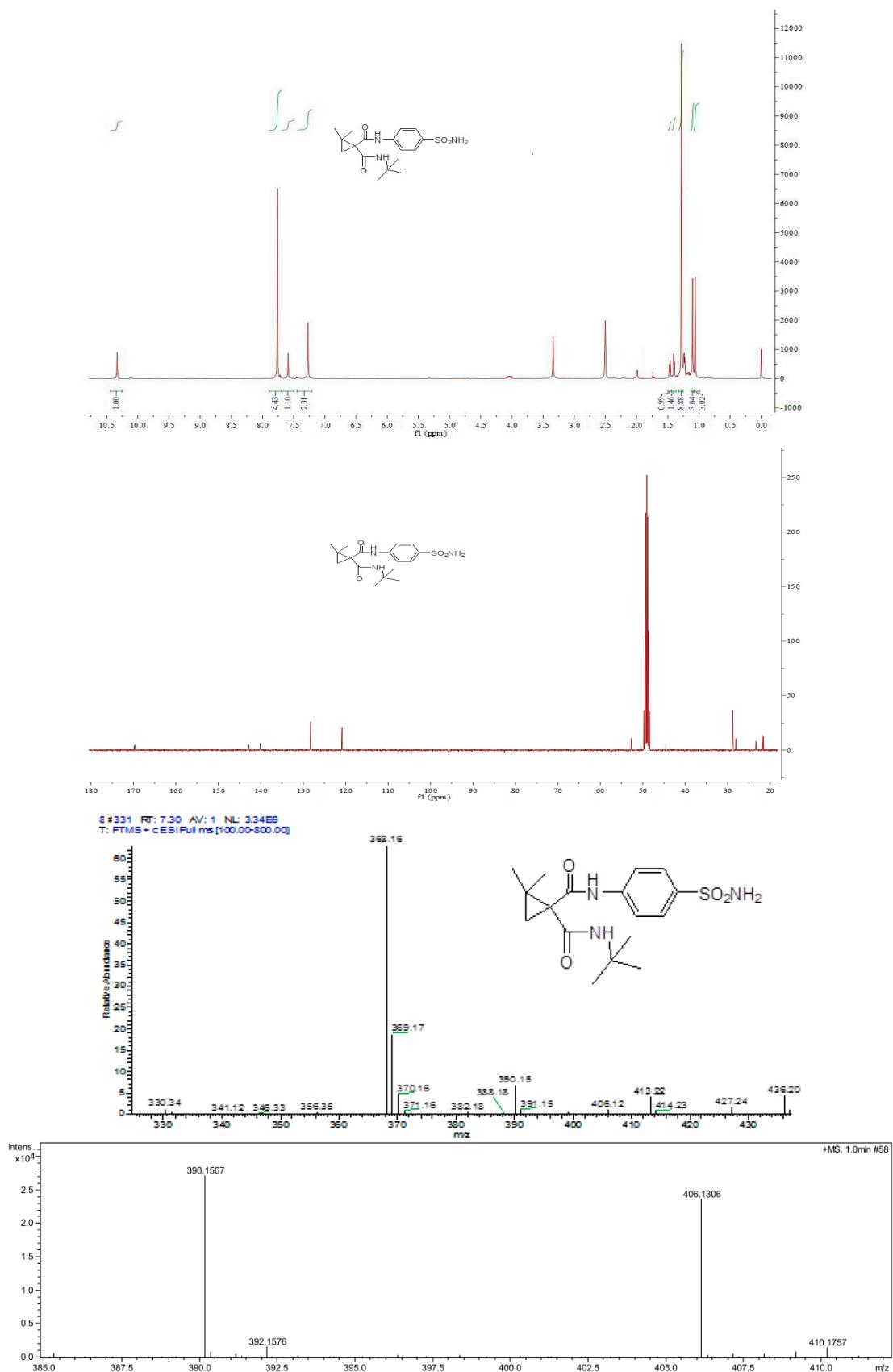


## Supplementary Materials

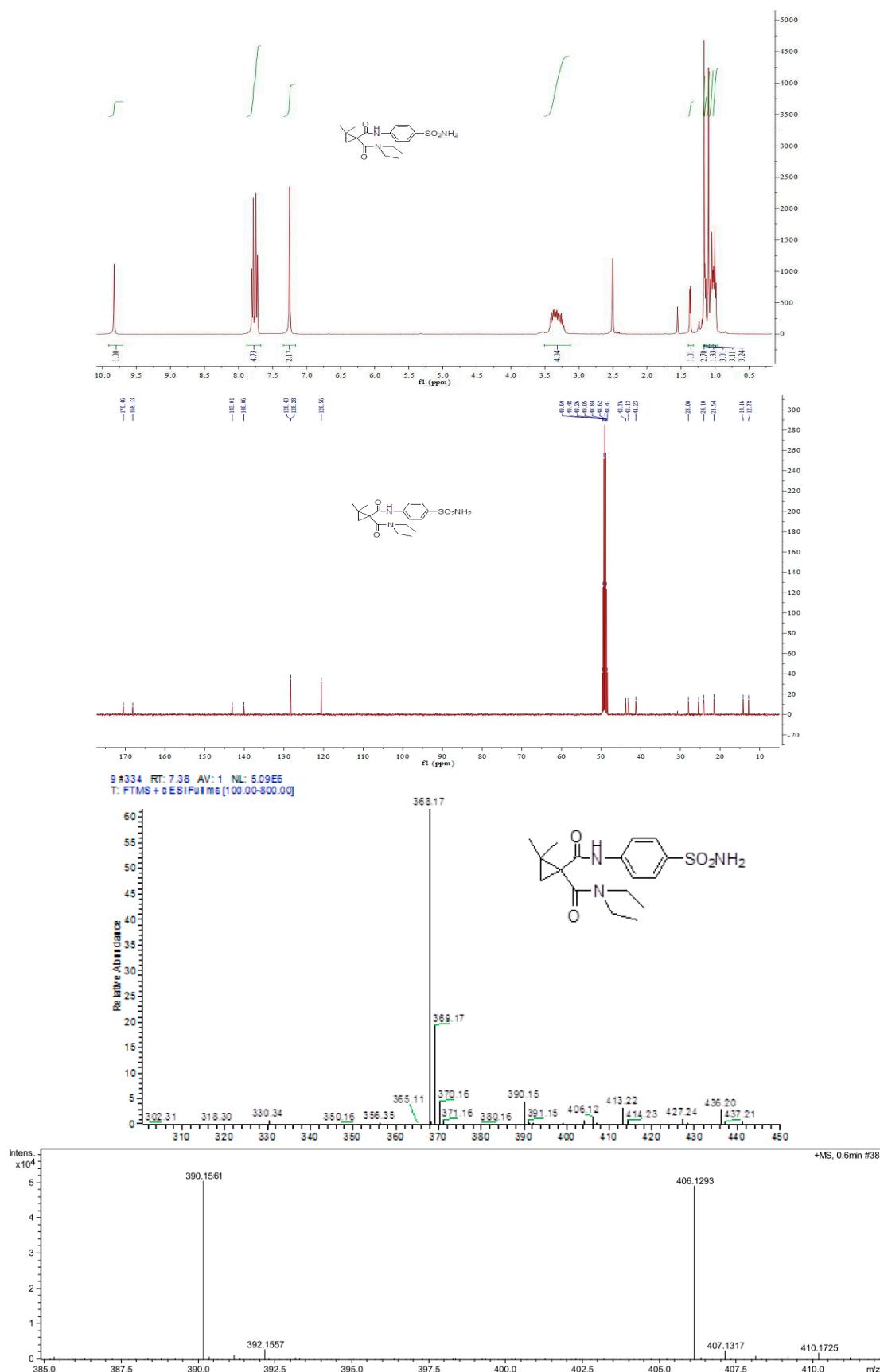


**Figure S1.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound **10**.

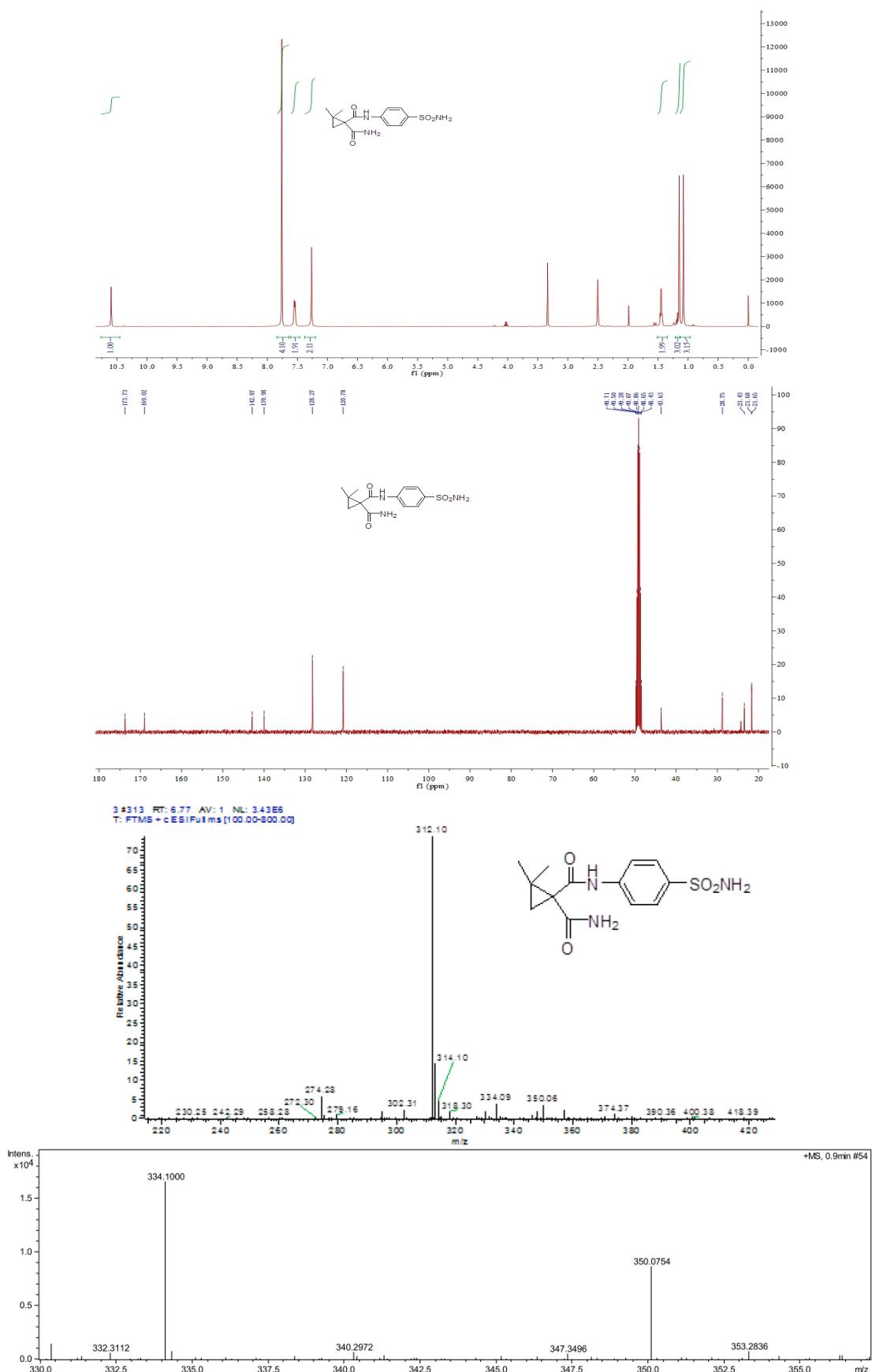




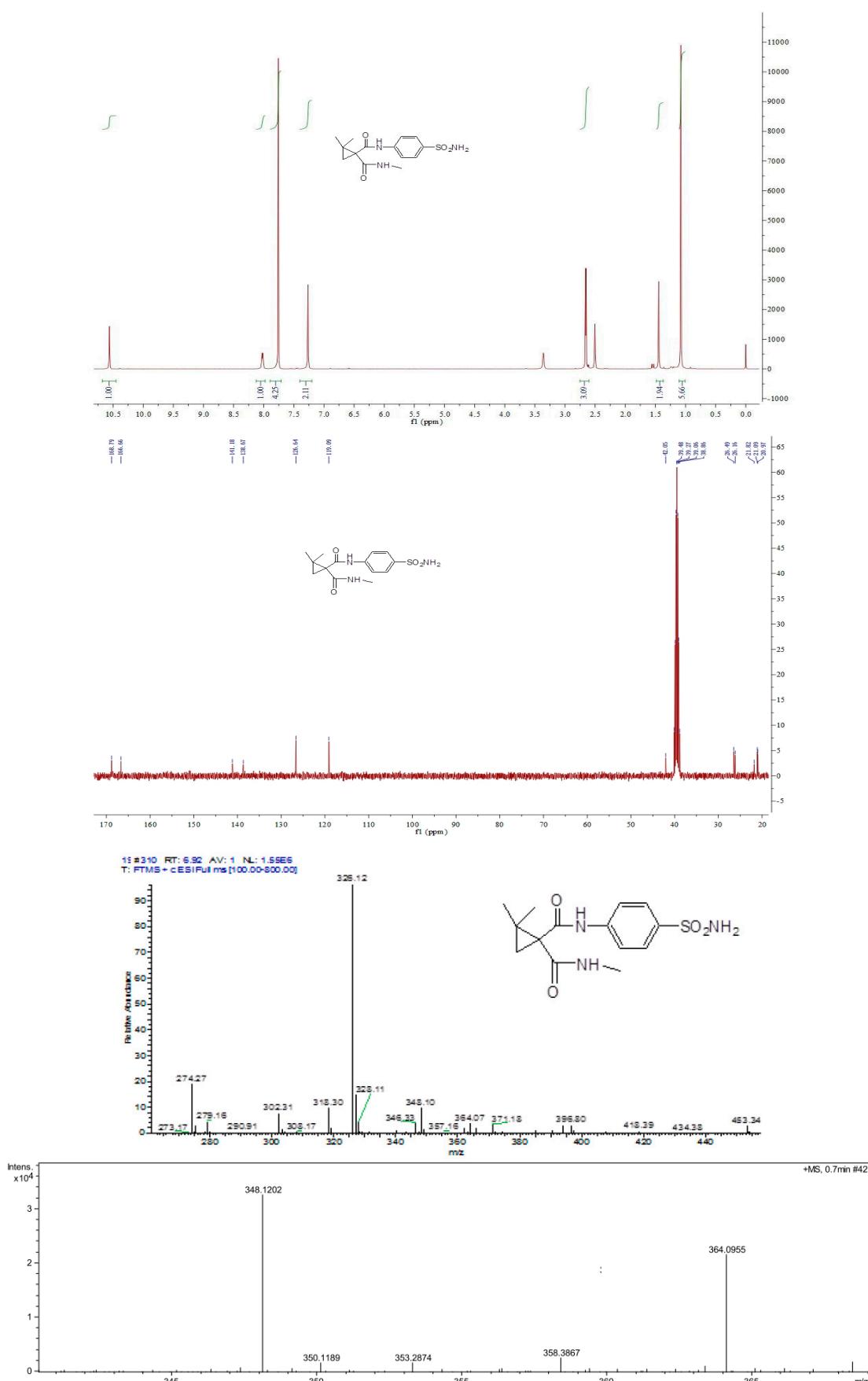
**Figure S3.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound 12a.



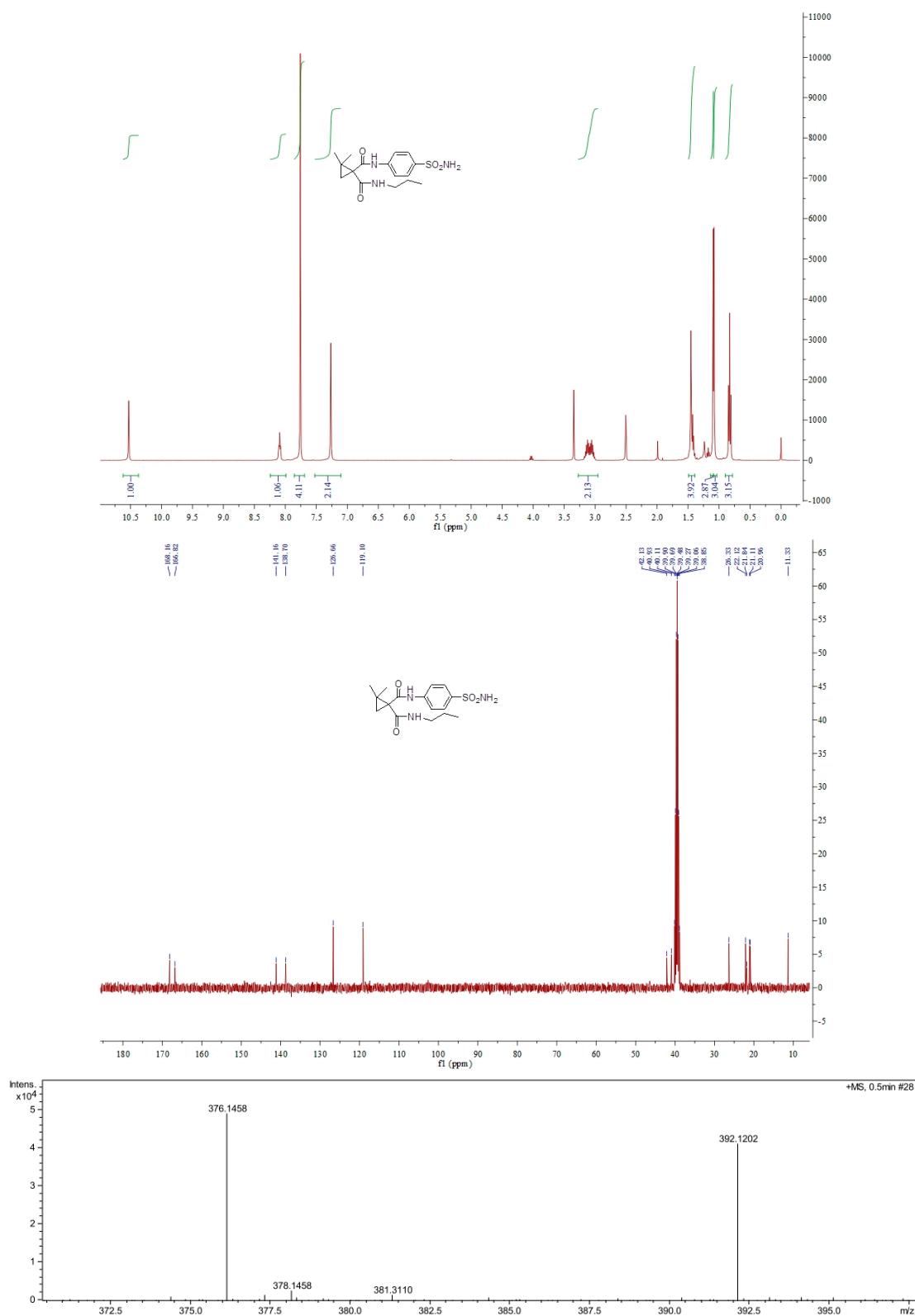
**Figure S4.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound **12b**.



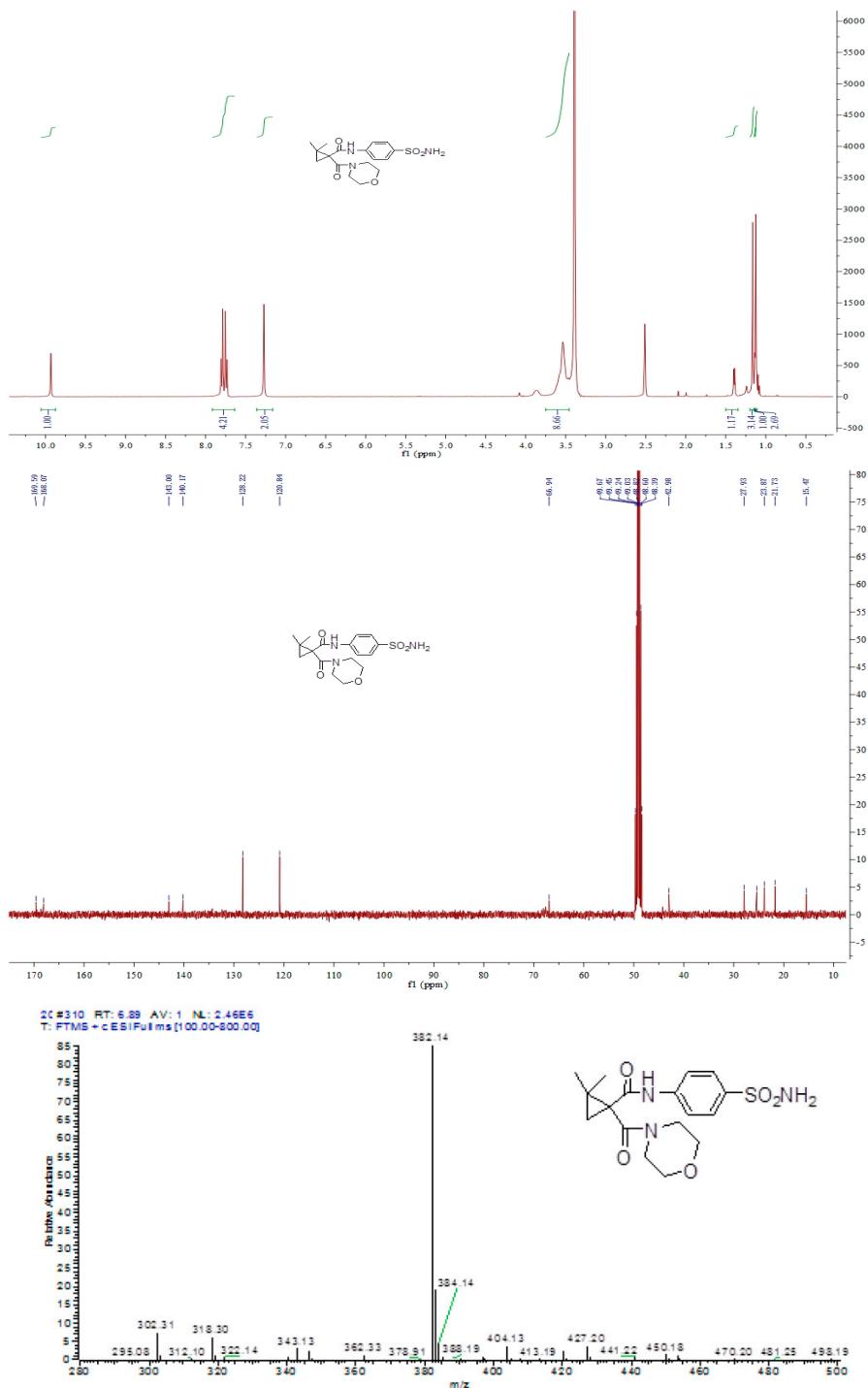
**Figure S5.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound 12c.



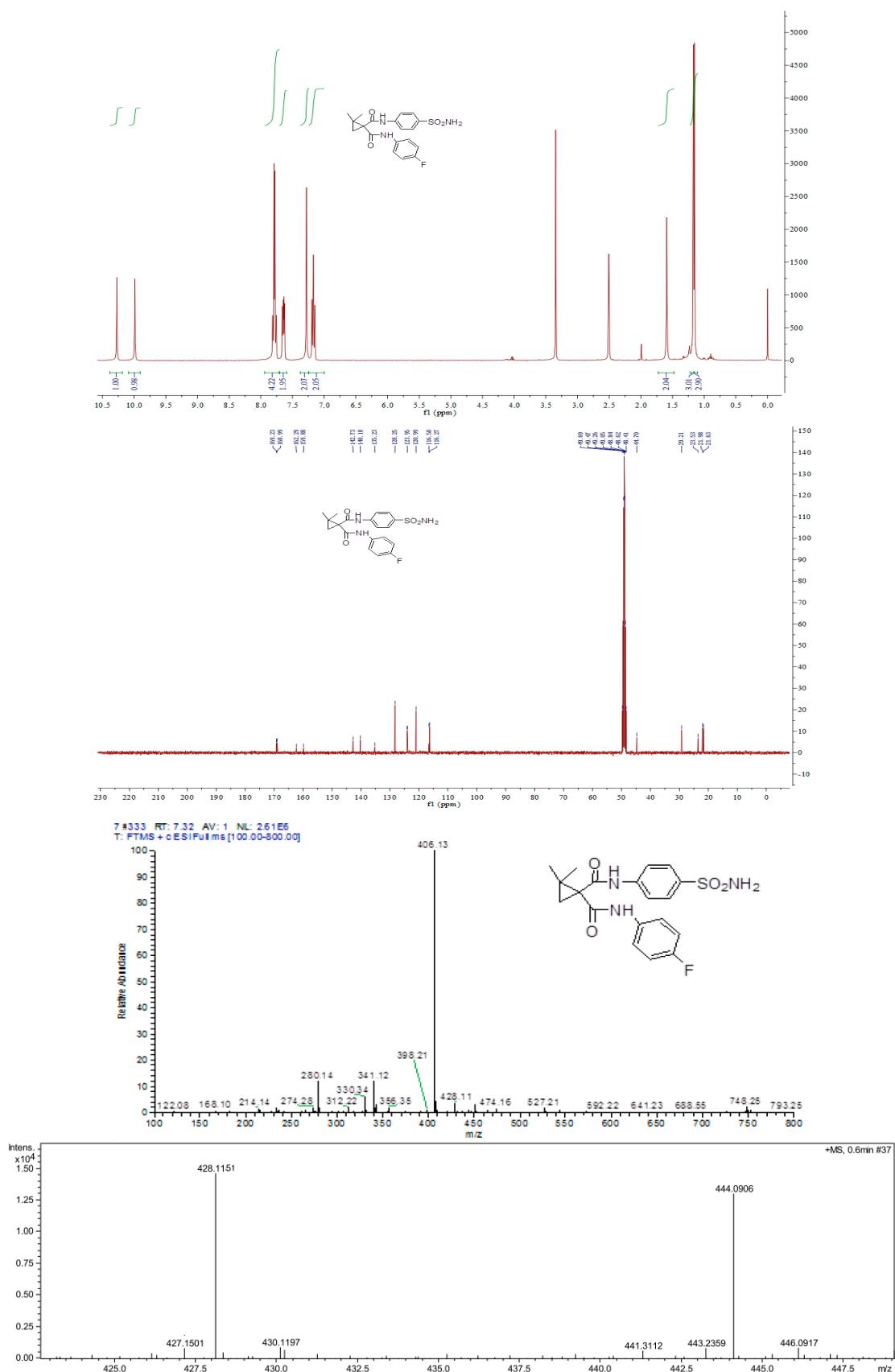
**Figure S6.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound **12d**.



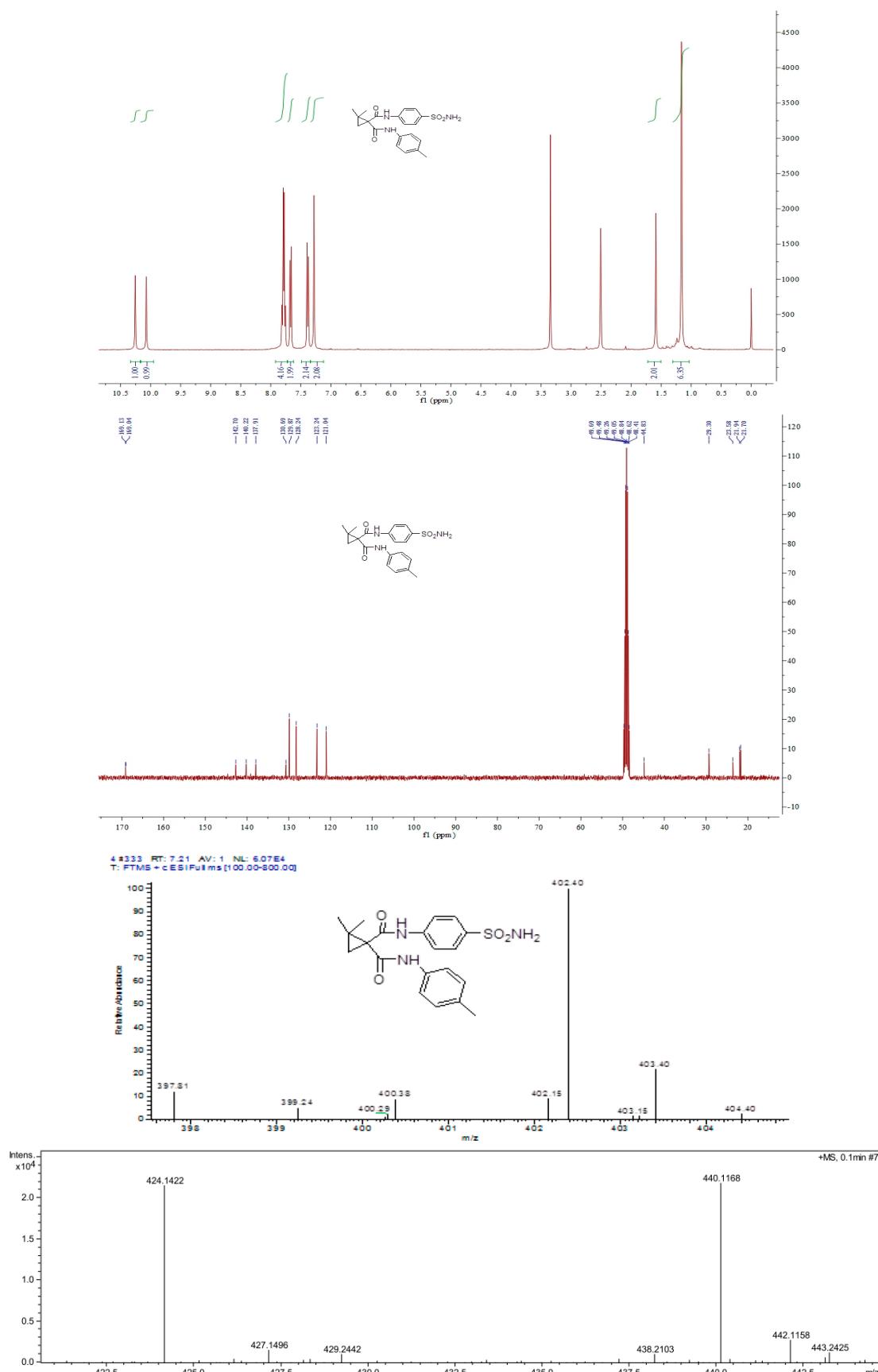
**Figure S7.** <sup>1</sup>H-NMR, <sup>13</sup>C-NMR and HRMS spectra of compound **12e**.



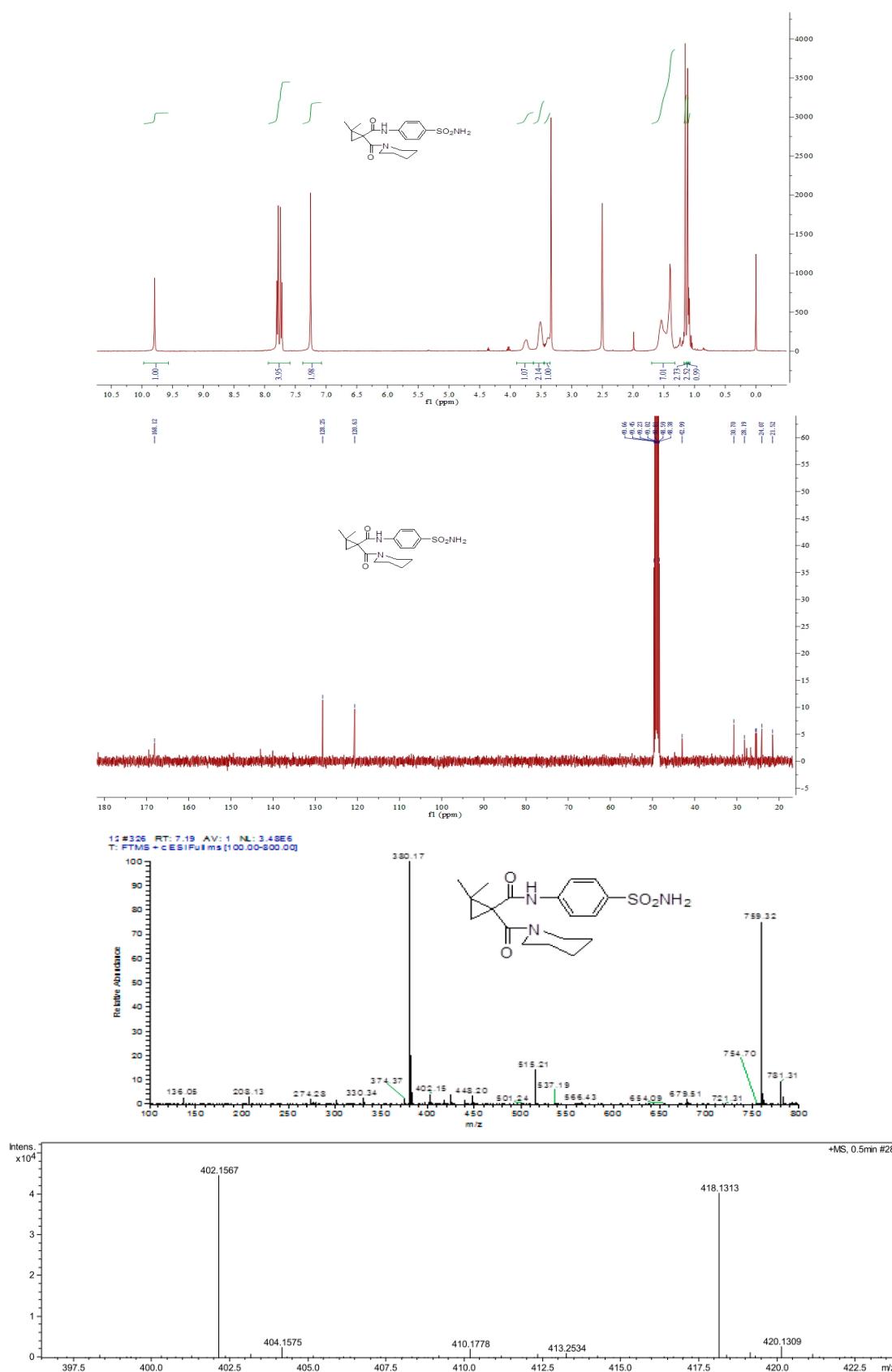
**Figure S8.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR and MS-ESI spectra of compound 12g.



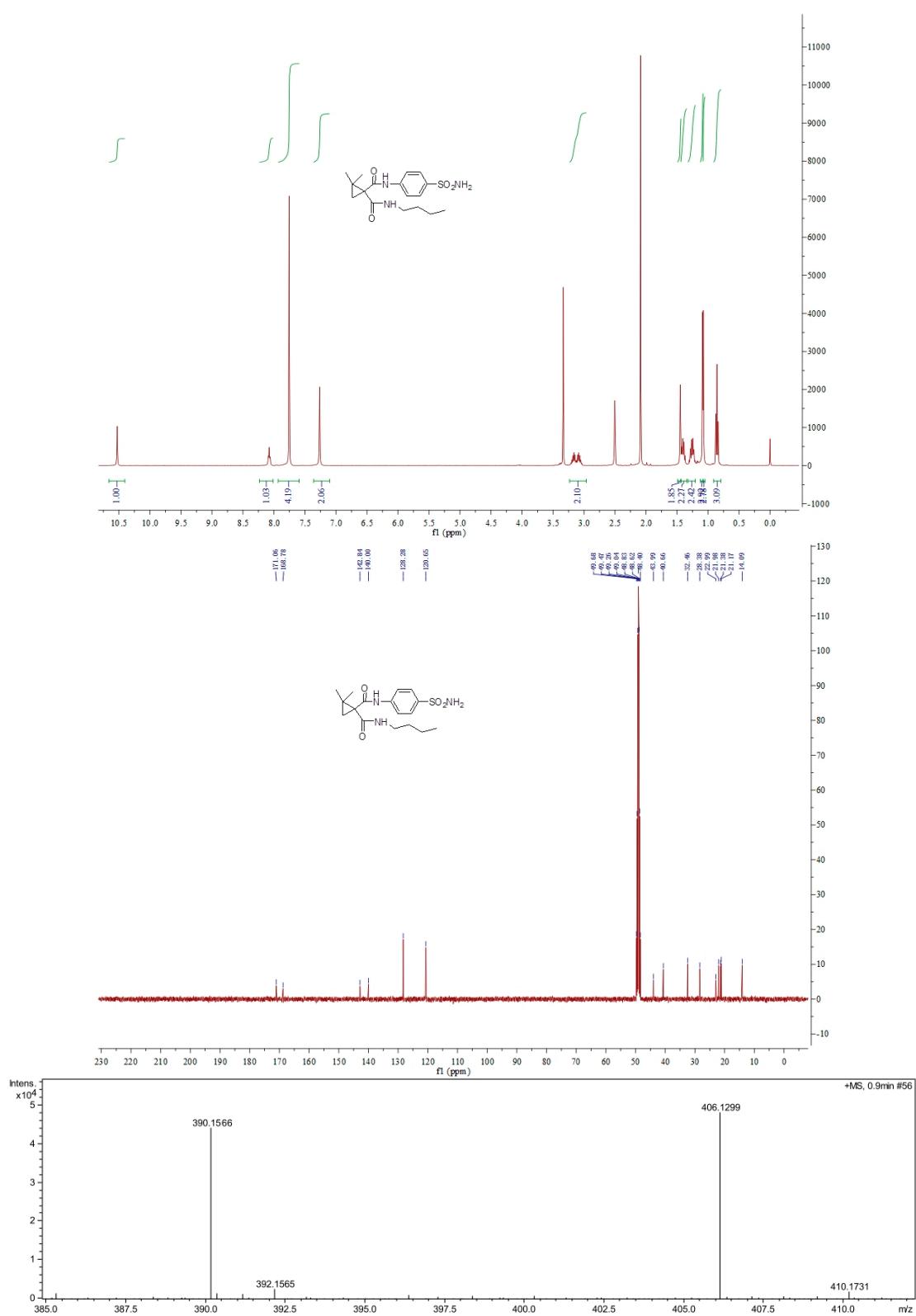
**Figure S9.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound 12h.



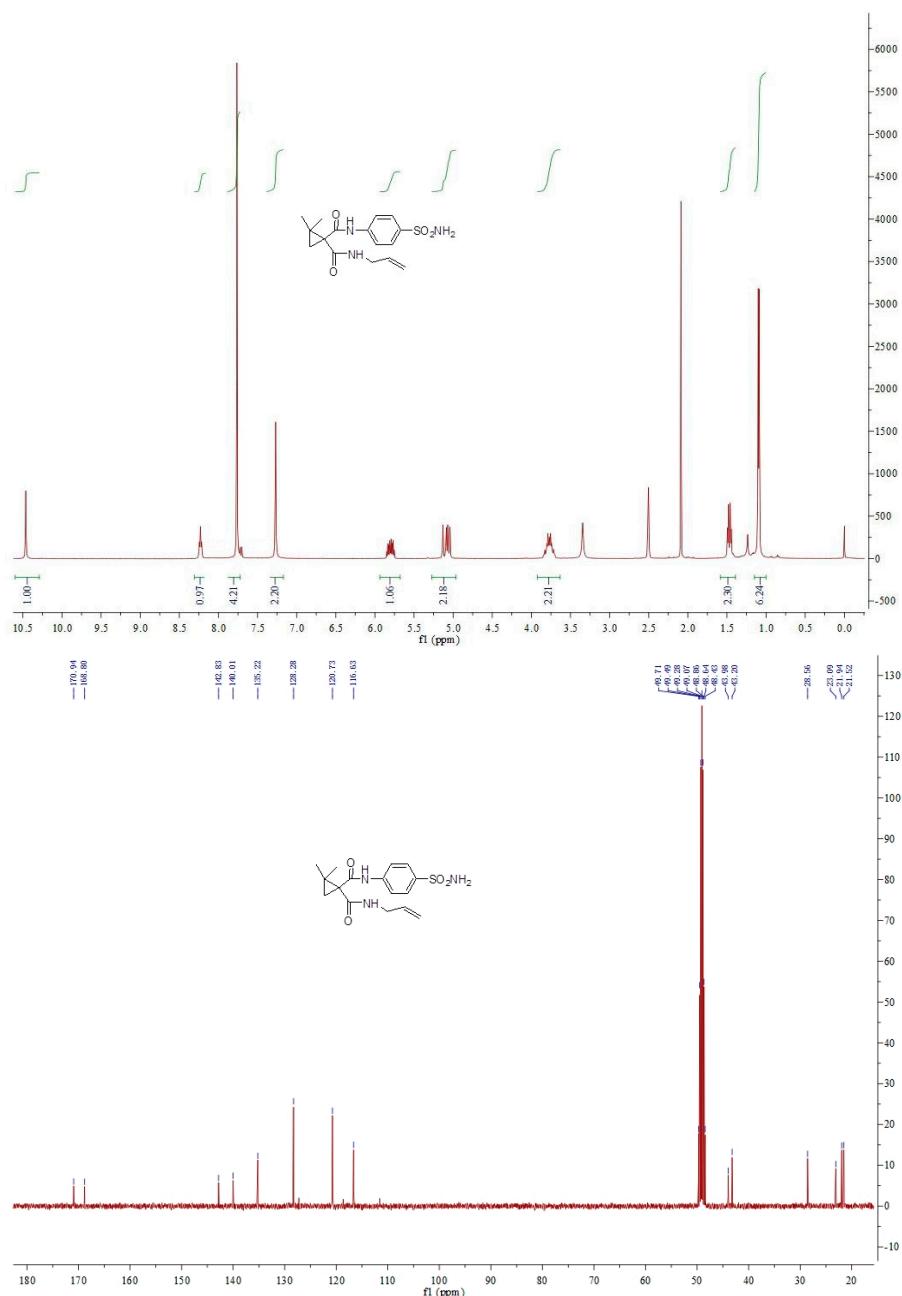
**Figure S10.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound **12i**.



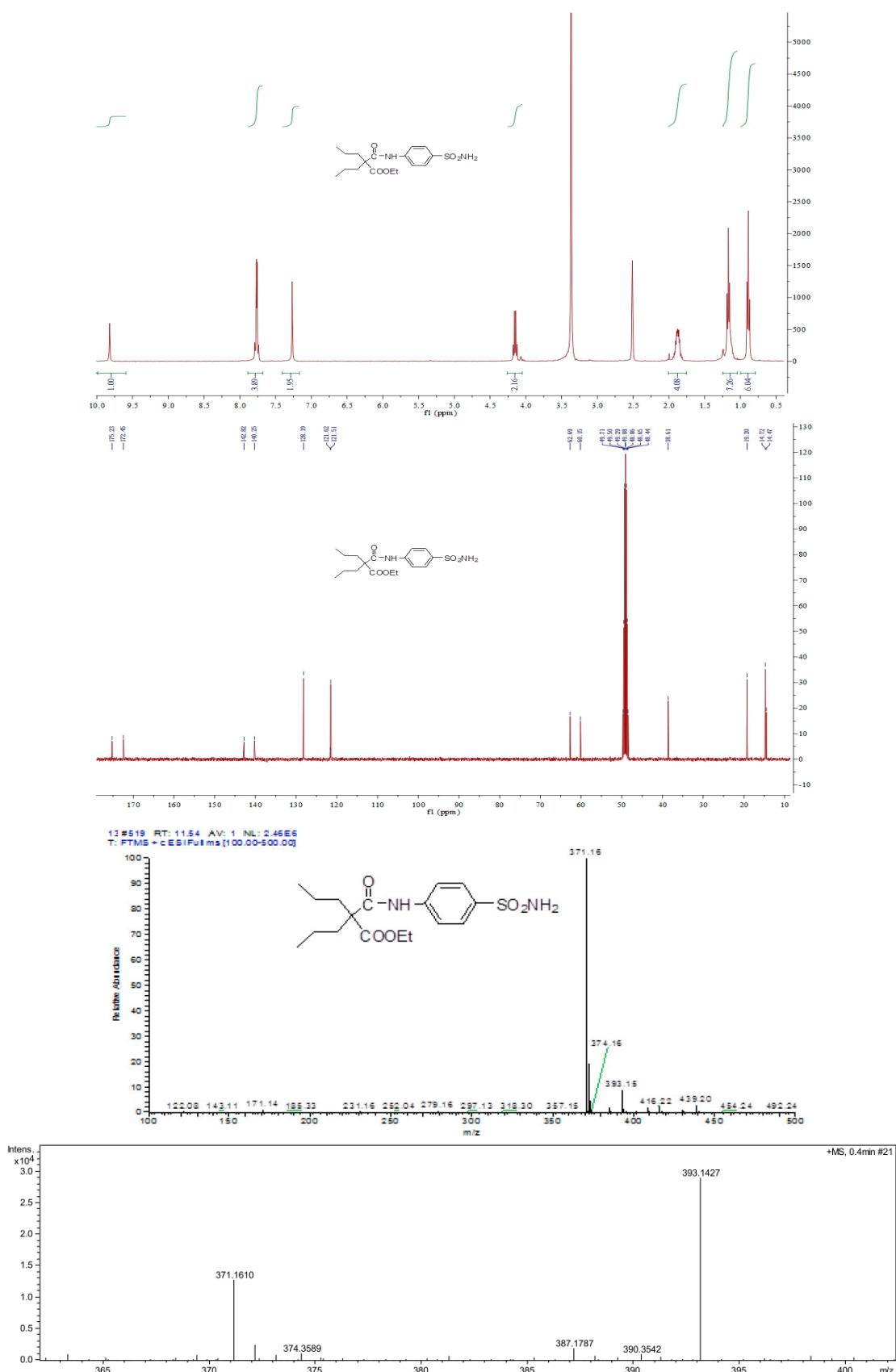
**Figure S11.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectra of compound **12j**.

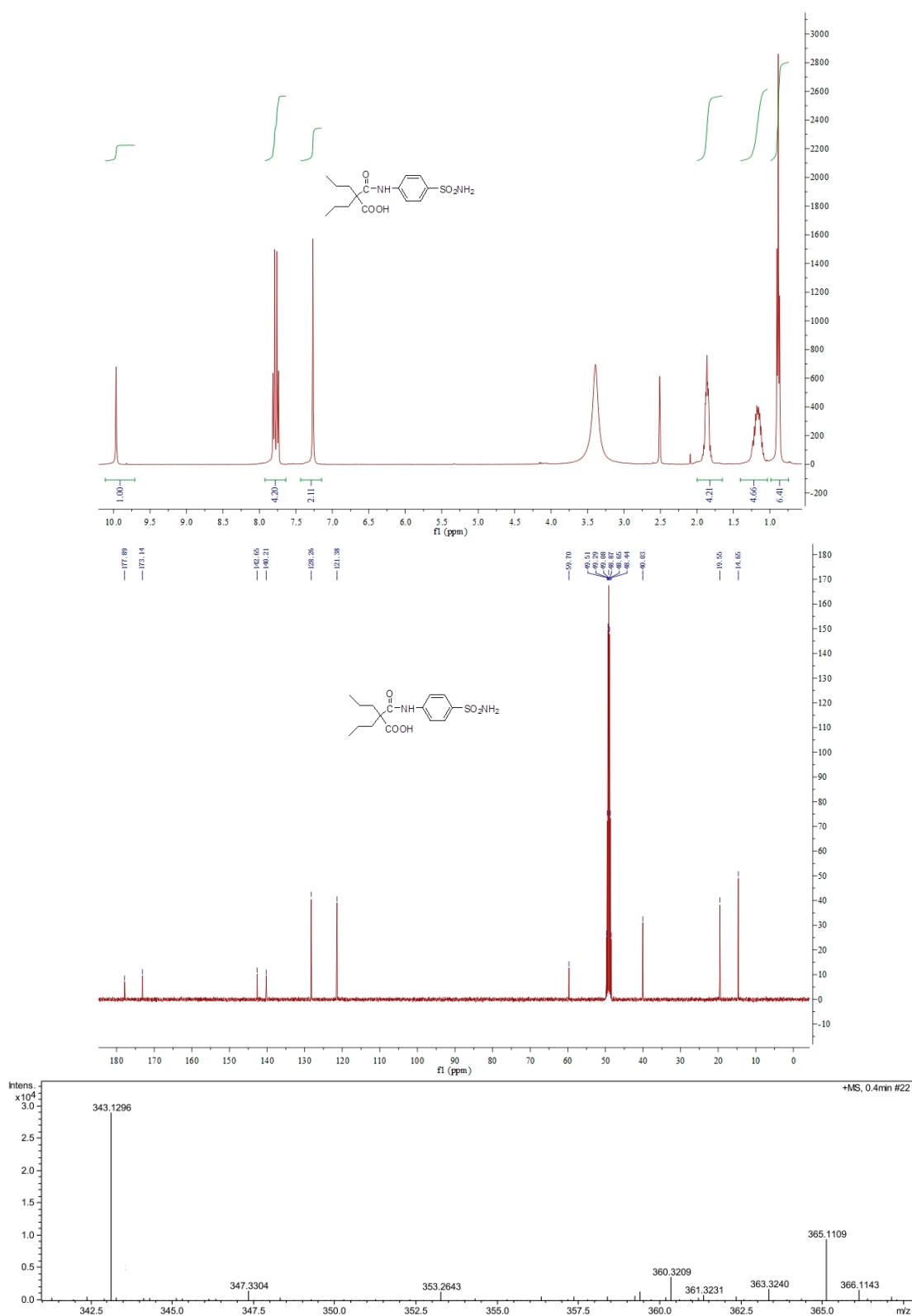


**Figure S12.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR and HRMS spectra of compound **12k**.

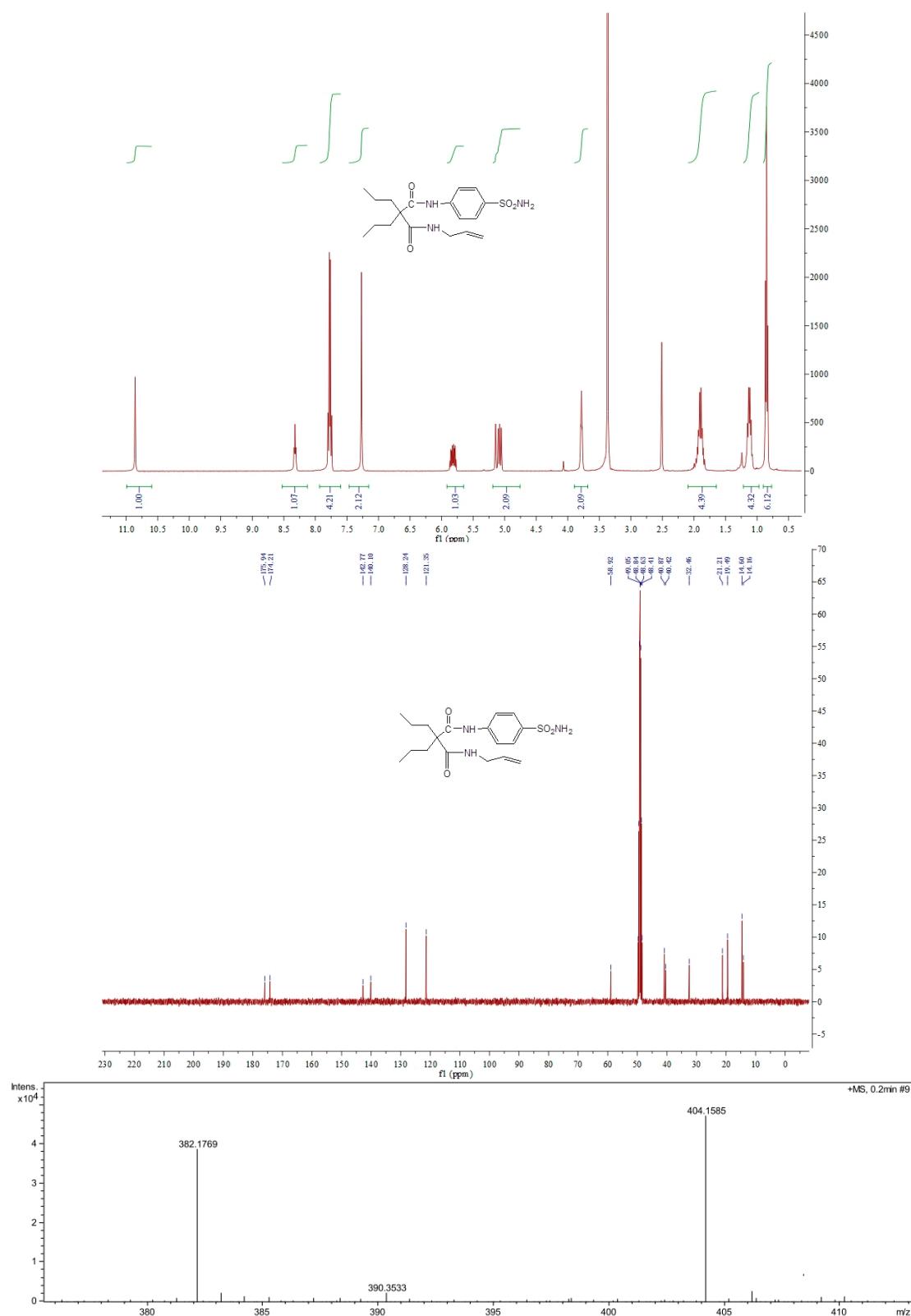


**Figure S13.**  $^1\text{H}$ -NMR and  $^{13}\text{C}$ -NMR spectra of compound **12n**.

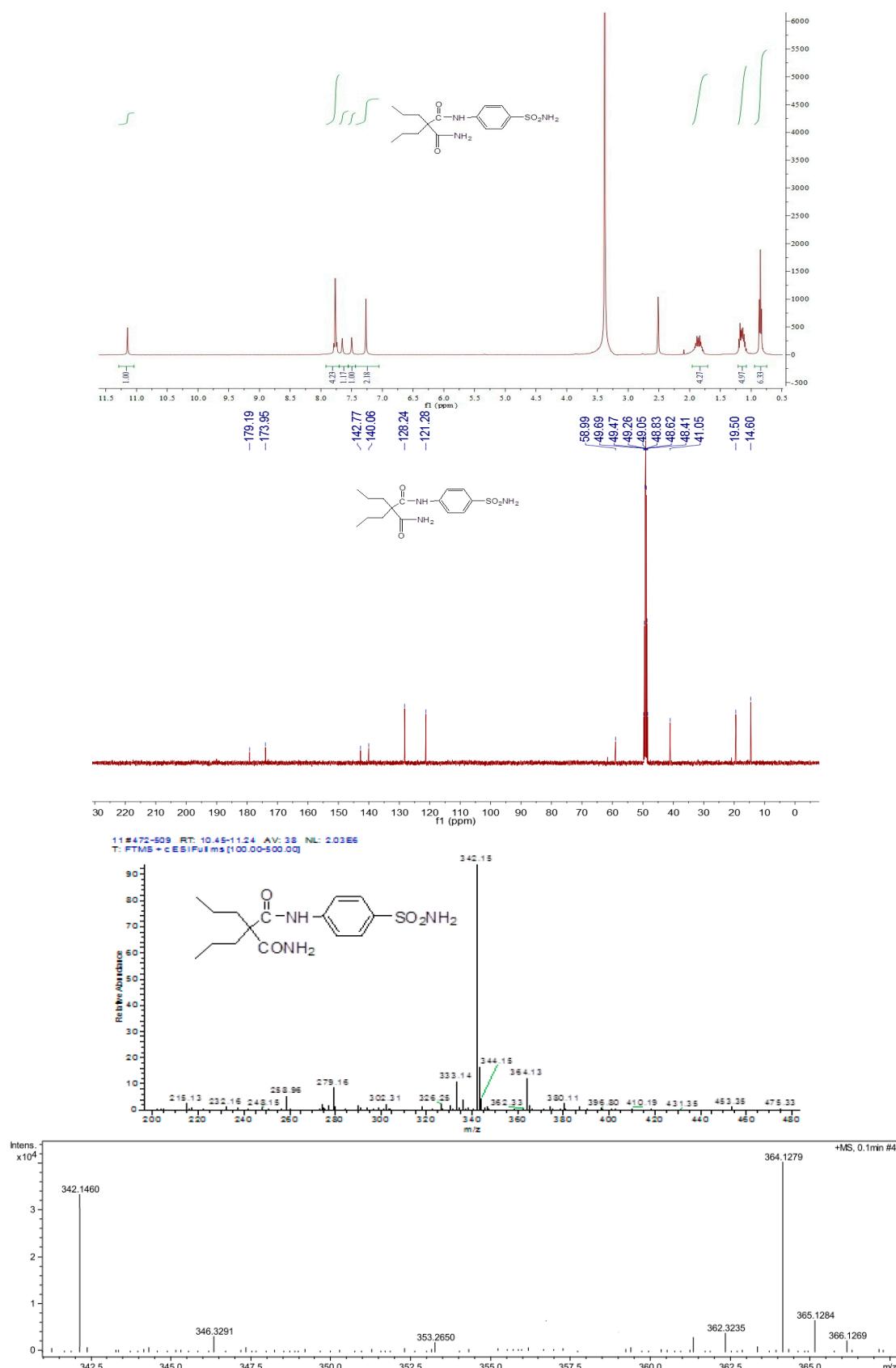




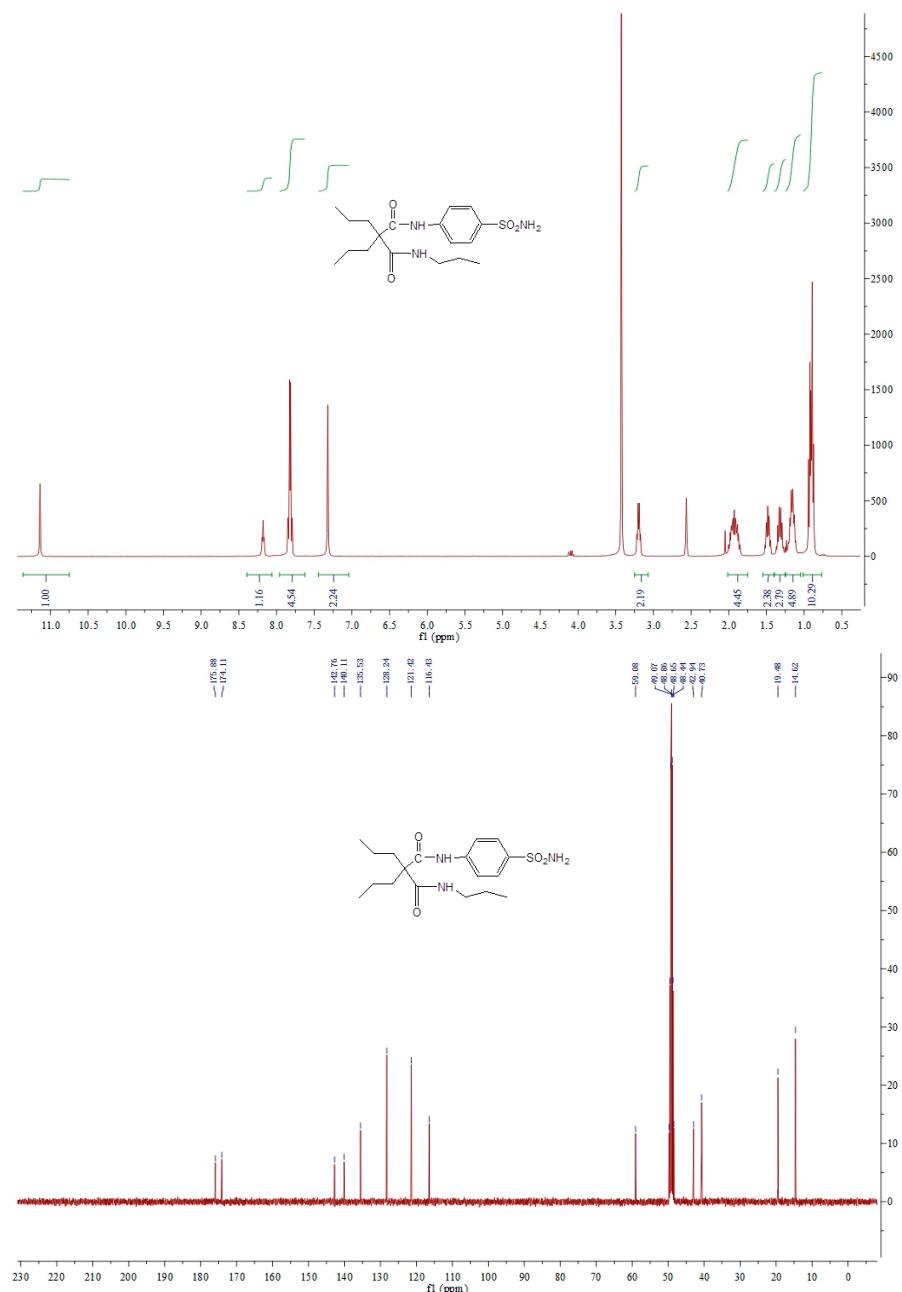
**Figure S15.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR and HRMS spectrums of compound 17.



**Figure S16.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR and HRMS spectrums of compound **18a**.



**Figure S17.**  $^1\text{H}$ -NMR,  $^{13}\text{C}$ -NMR, MS-ESI and HRMS spectrums of compound **18b**.



**Figure S18.**  $^1\text{H}$ -NMR and  $^{13}\text{C}$ -NMR spectra of compound **18c**.