

## Anti-inflammatory Activity of Piperlotines

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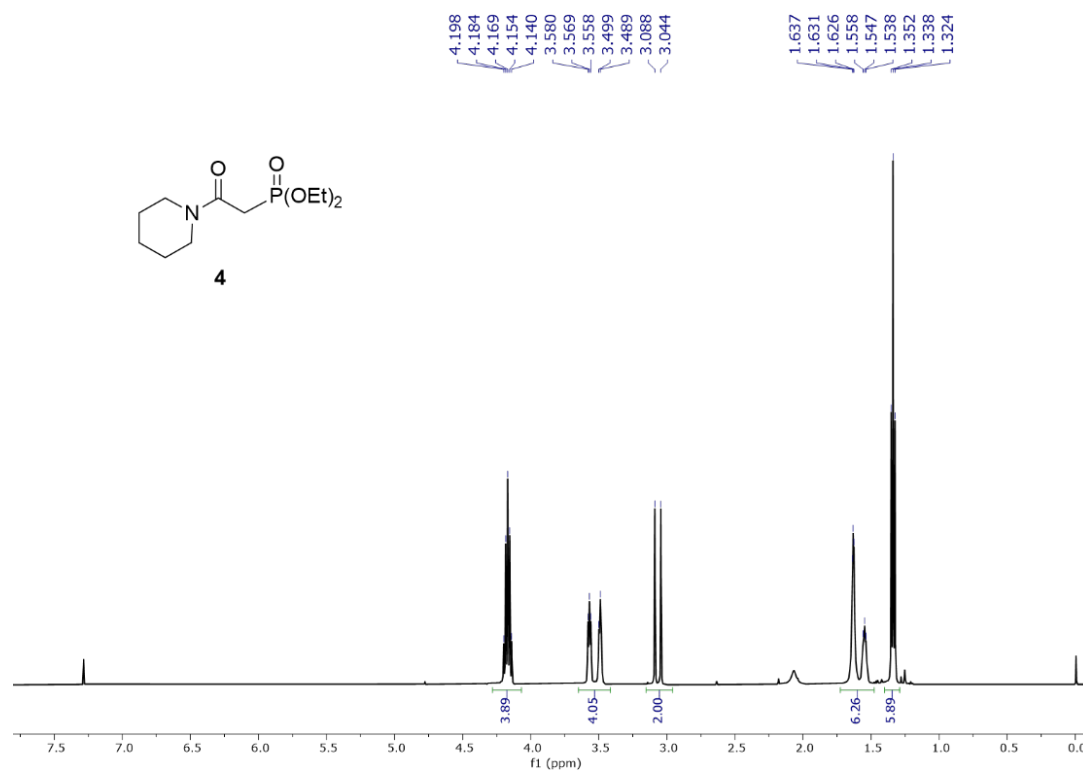
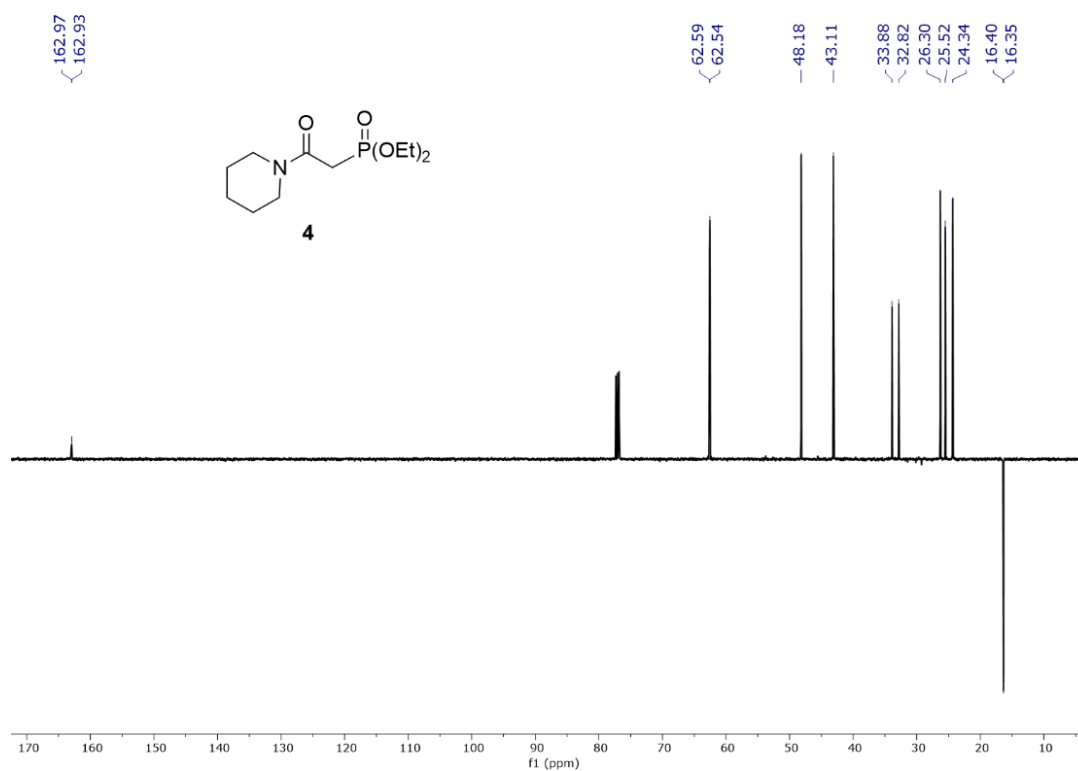
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## Supplementary Information

Fig. 1.  $^1\text{H}$  NMR spectra of phosphonate 4.Fig. 2.  $^{13}\text{C}$  NMR spectra of phosphonate 4.

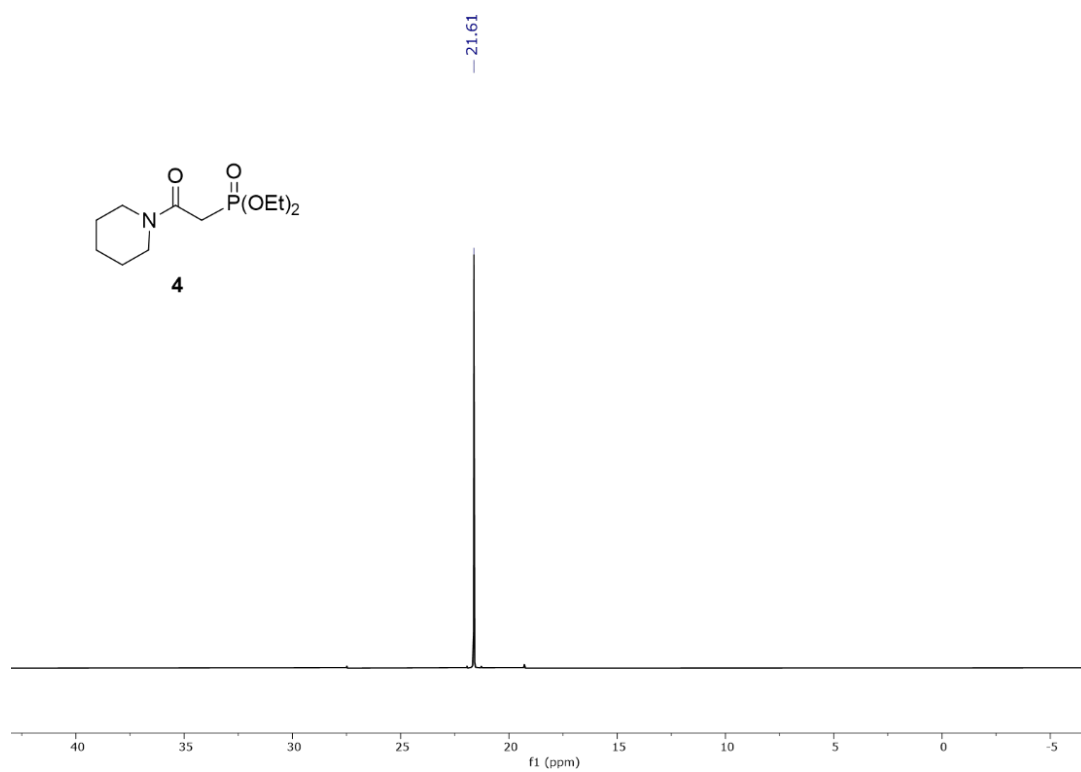


Fig. 3. <sup>31</sup>P NMR spectra of phosphonate 4.

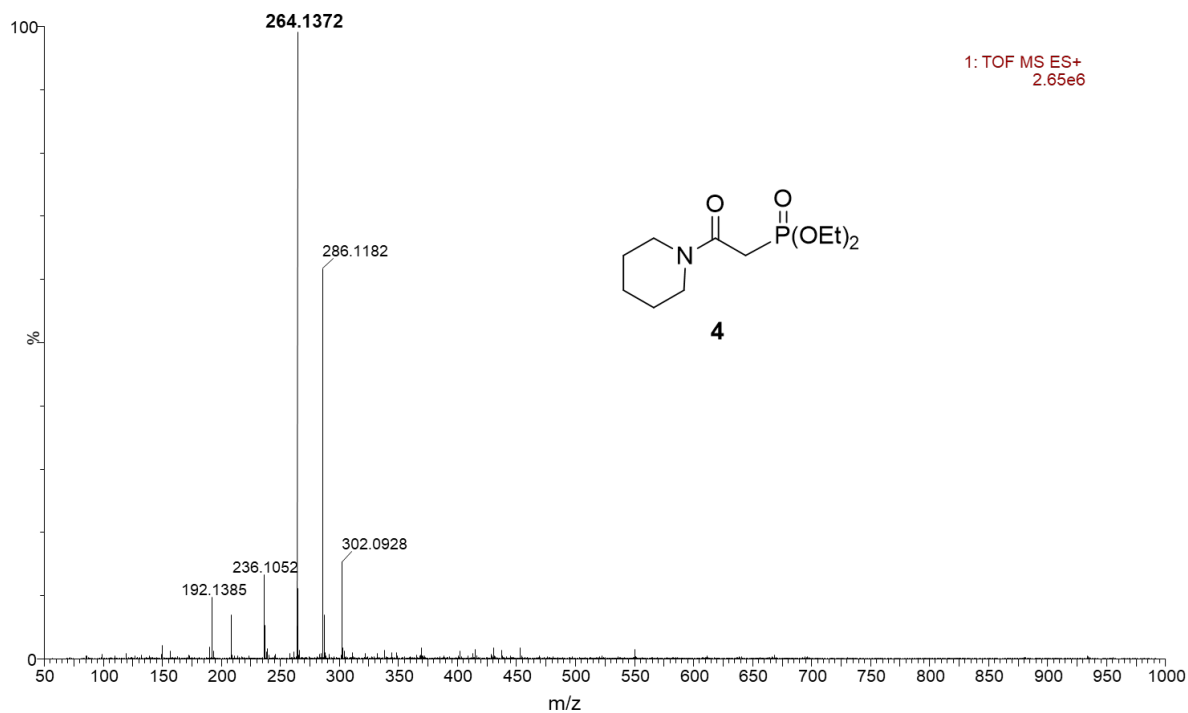
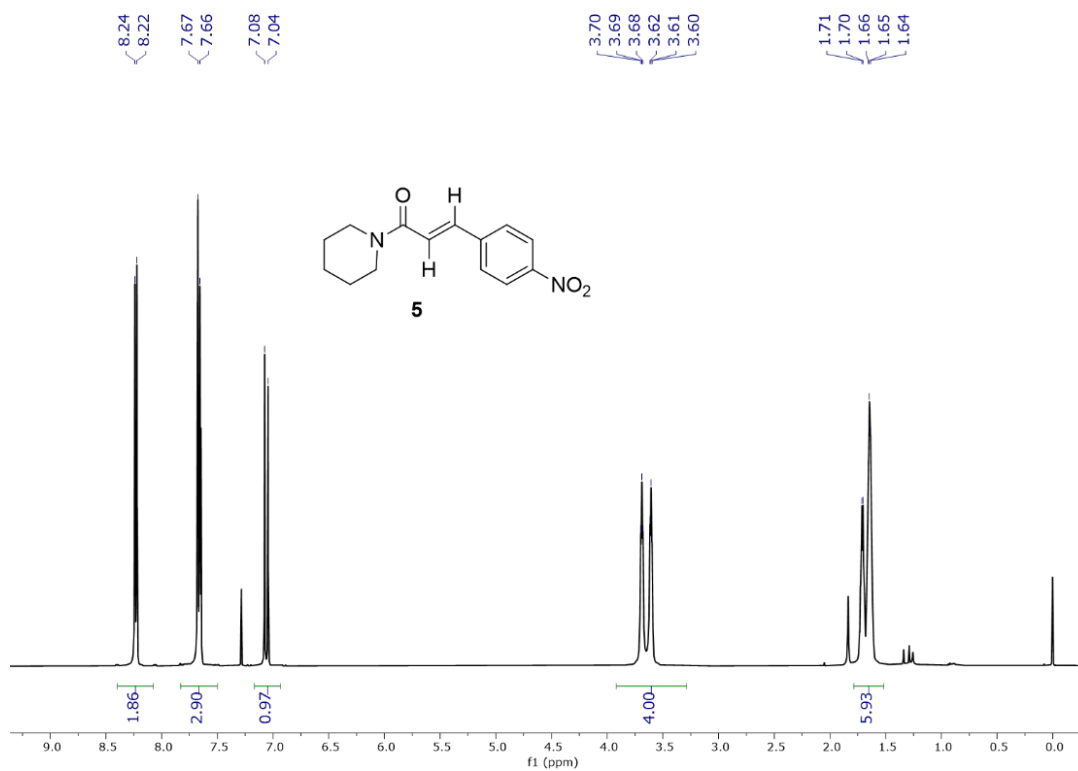
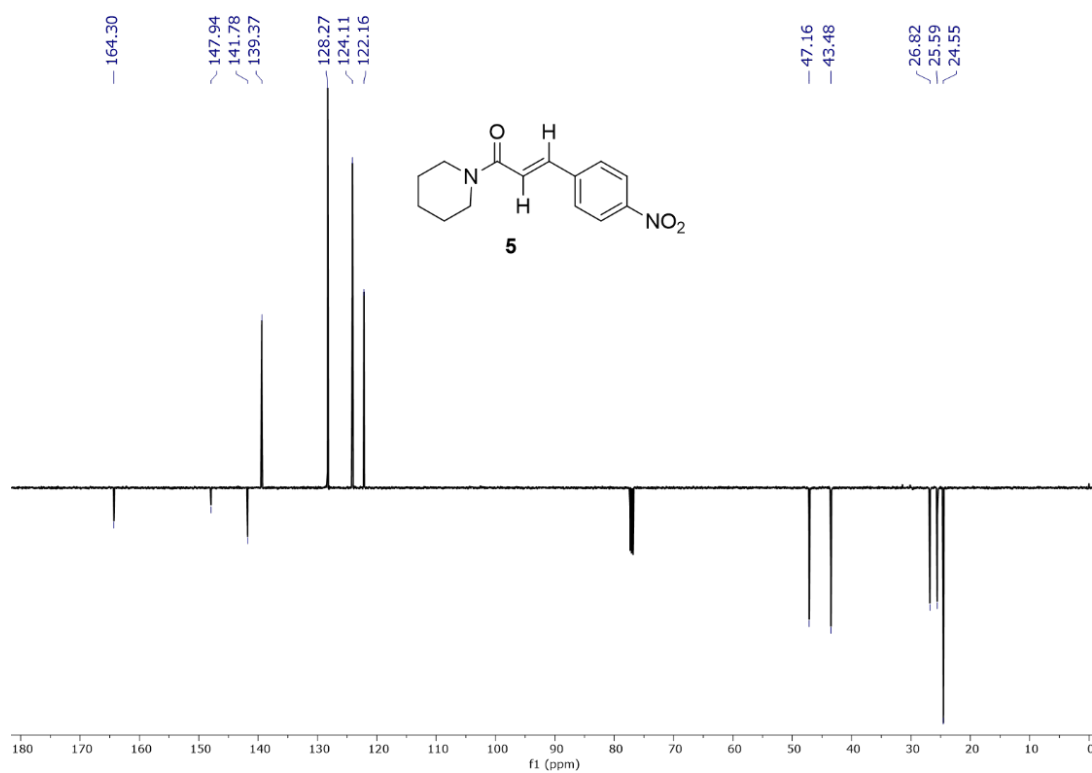


Fig. 4. HRMS spectra of phosphonate 4.

Fig. 5. <sup>1</sup>H NMR spectra of Piperamide 5.Fig. 6. <sup>13</sup>C NMR spectra of Piperamide 5.

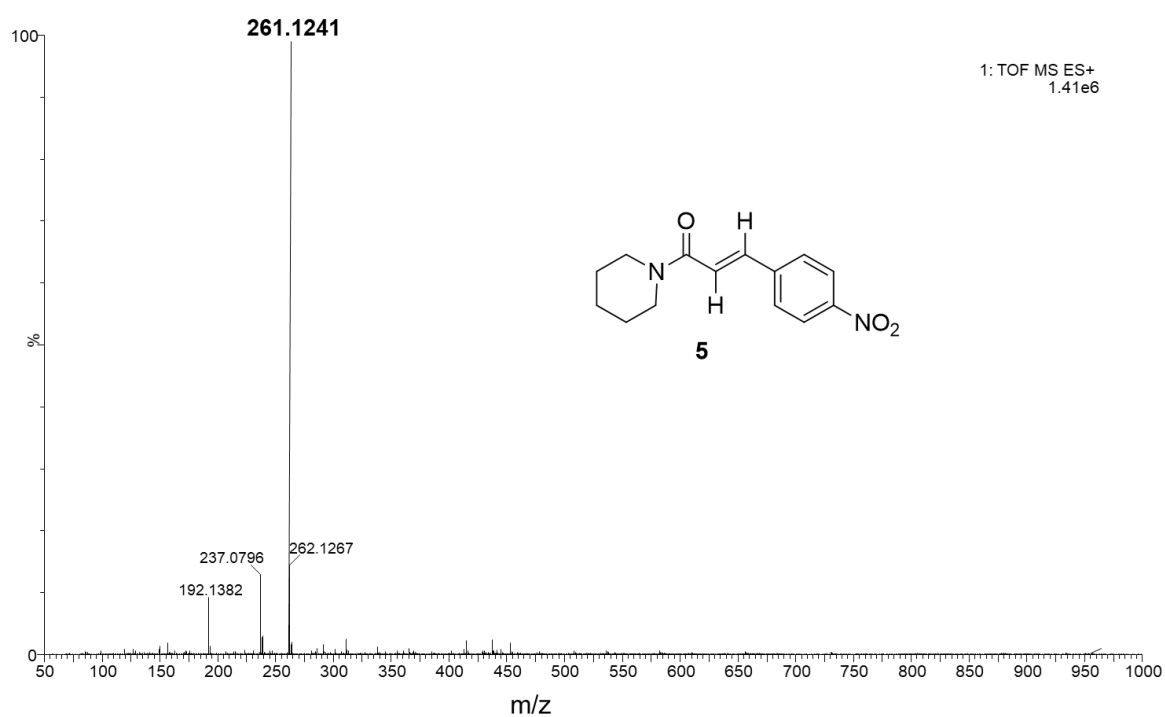
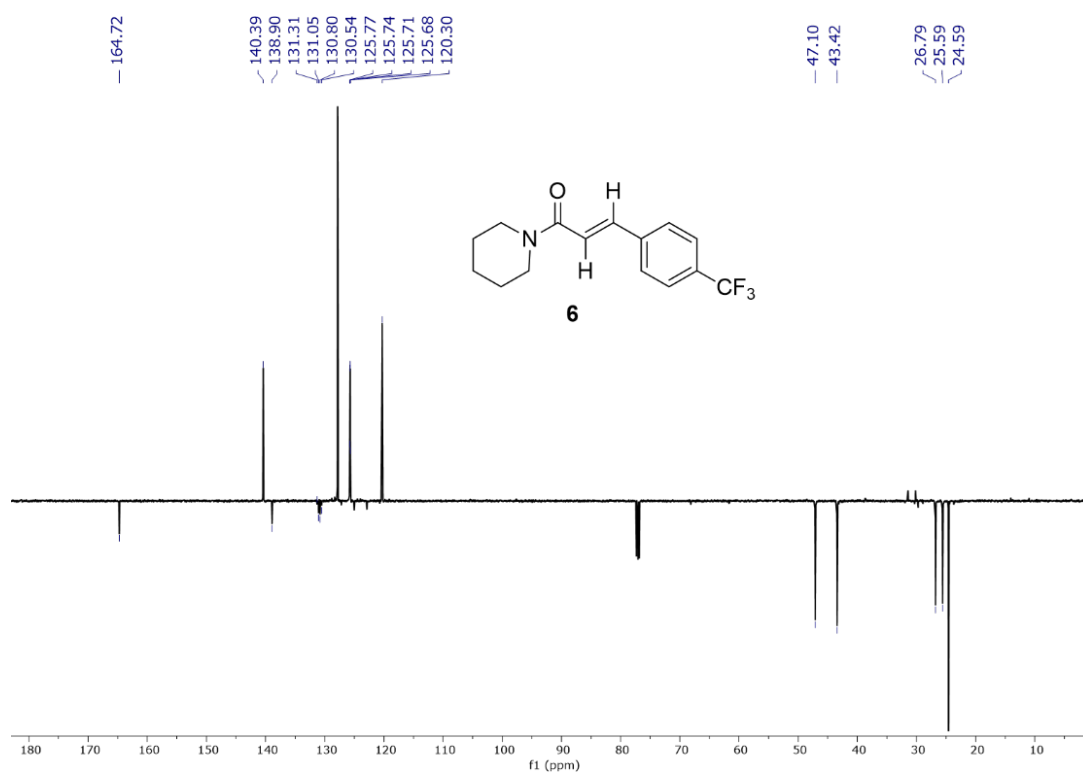
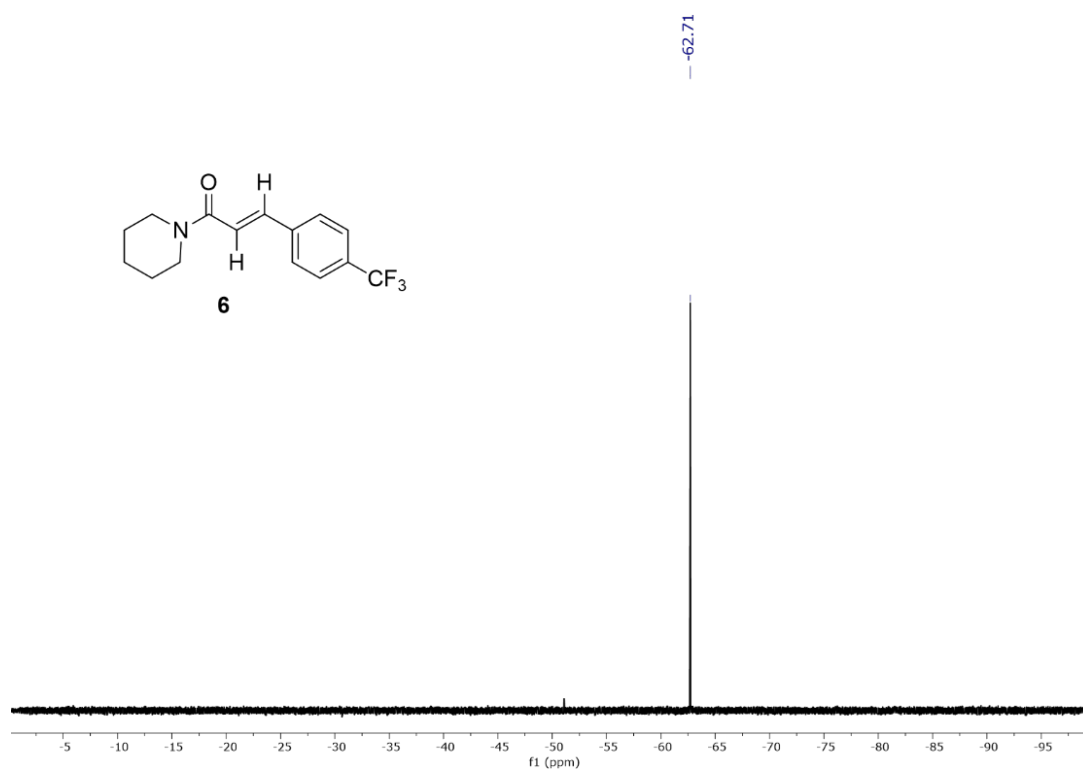
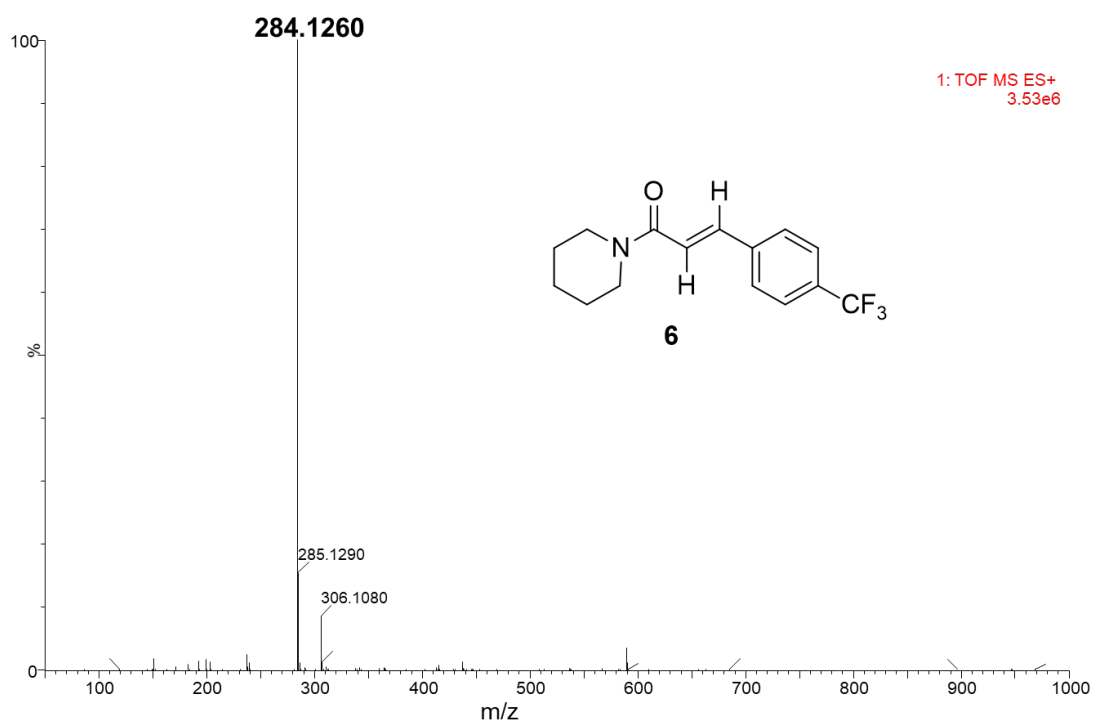


Fig. 7. HRMS spectra of Piperamide 5.

Fig. 8. <sup>1</sup>H NMR spectra of Piperamide 6.

**Fig. 9.**  $^{13}\text{C}$  NMR spectra of Piperamide 6.**Fig. 10.**  $^{19}\text{F}$  NMR spectra of Piperamide 6.



**Fig. 11.** HRMS spectra of Piperamide **6**.