

## Supplementary Material

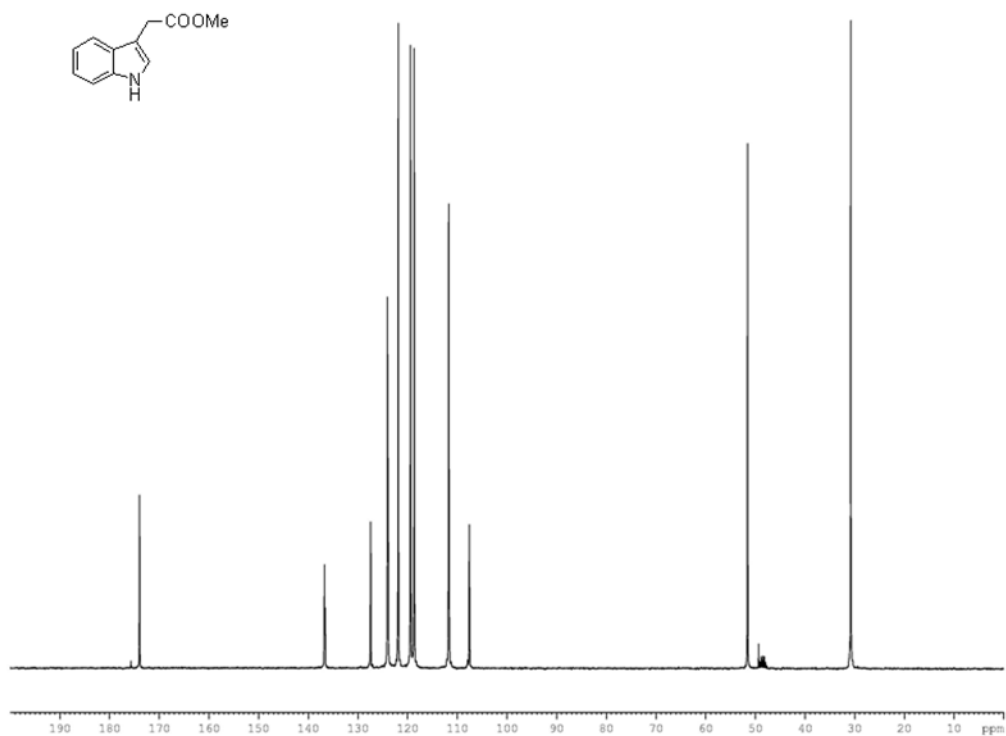
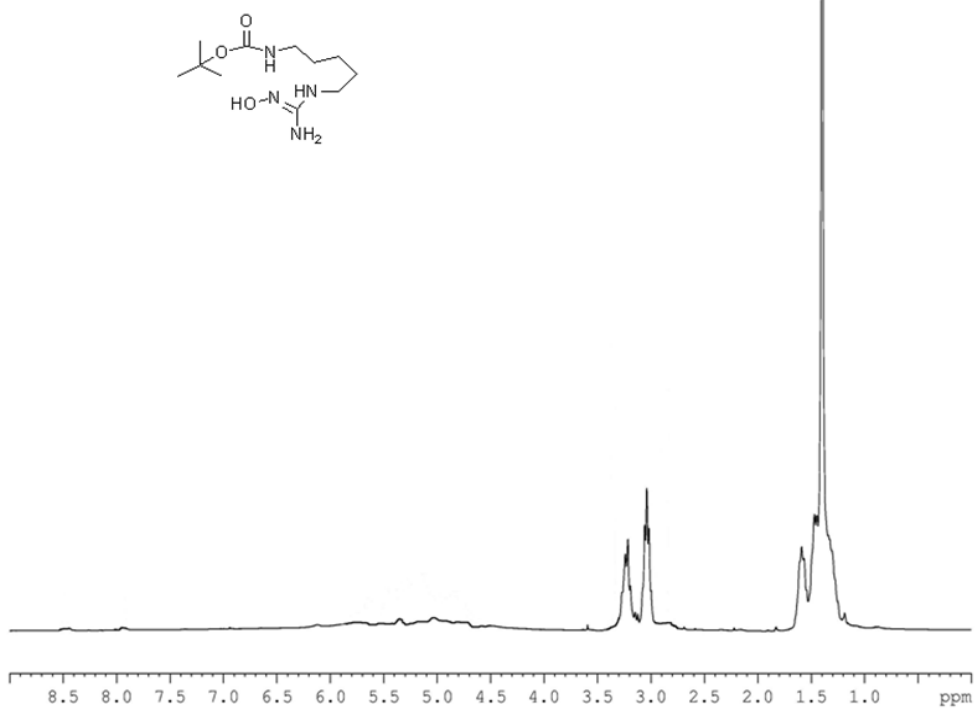
### Synthesis of Phidianidine B, a highly cytotoxic 1,2,4-oxadiazole marine metabolite

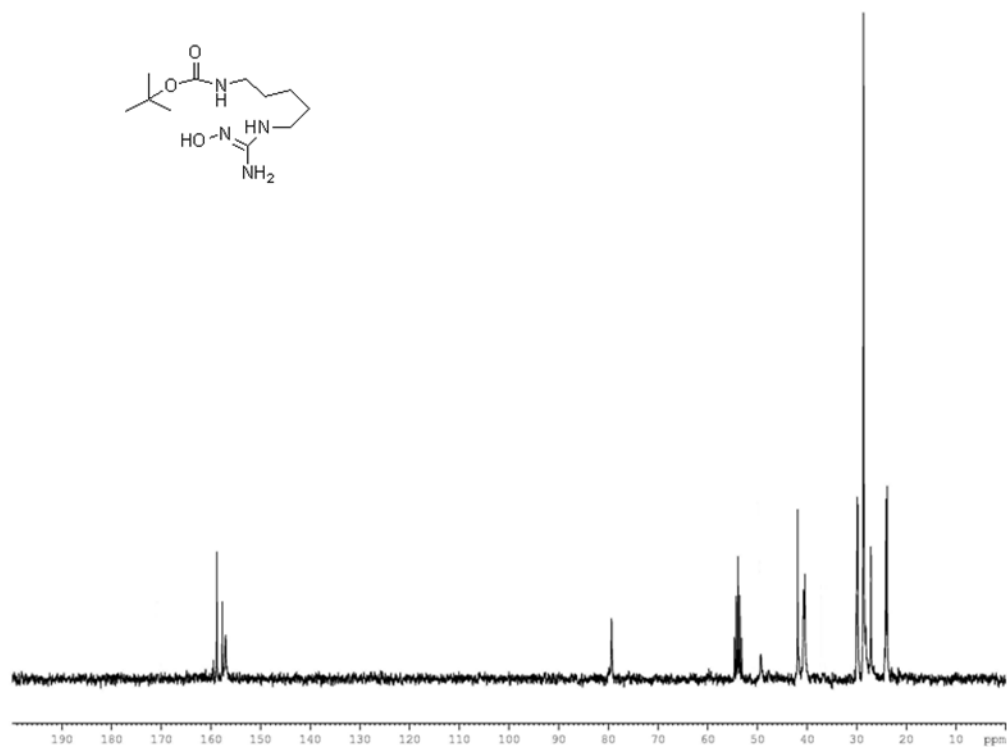
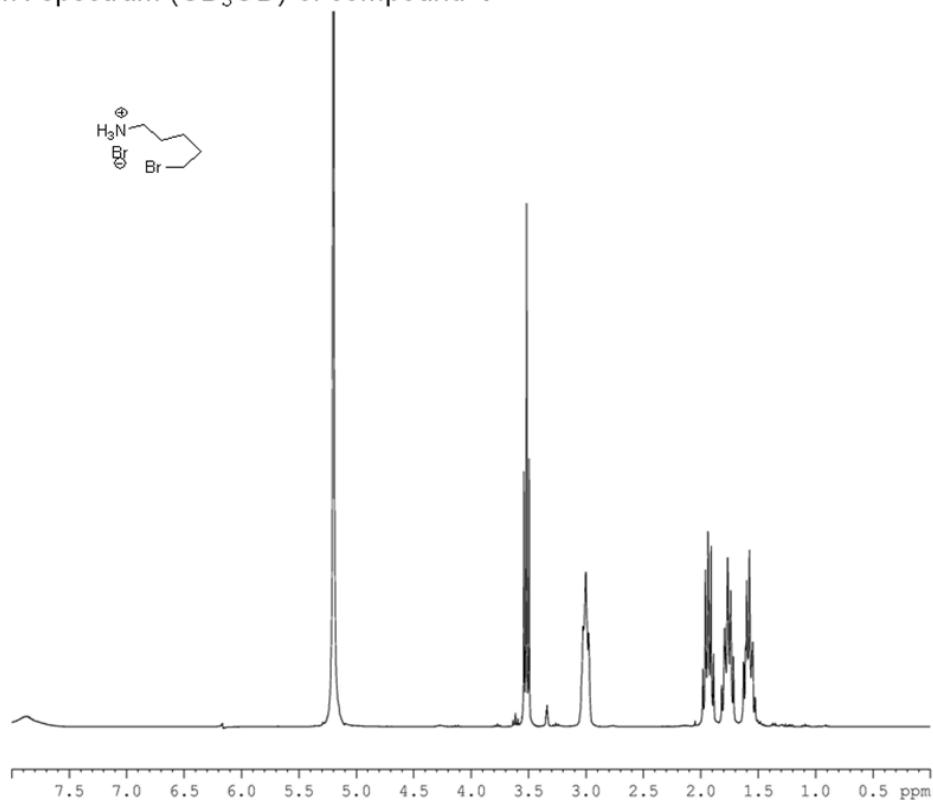
**Emiliano Manzo,\* Dario Pagano, Marianna Carbone, M. Letizia Ciavatta, and Margherita Gavagnin**

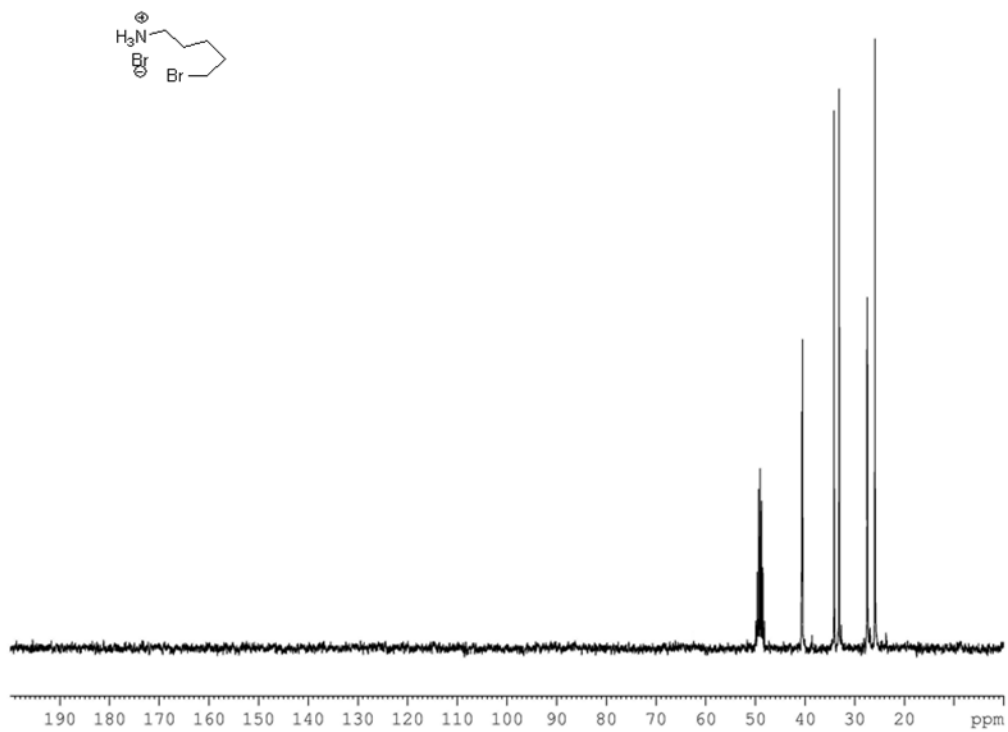
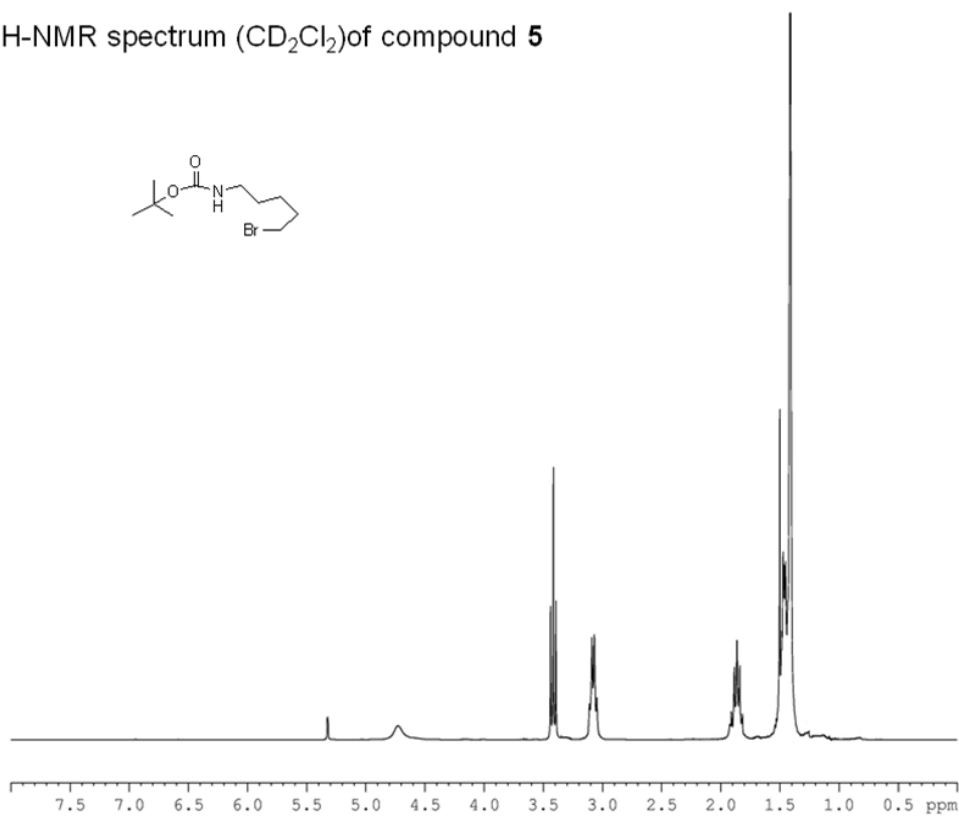
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E-mail: [emanzo@icb.cnr.it](mailto:emanzo@icb.cnr.it)

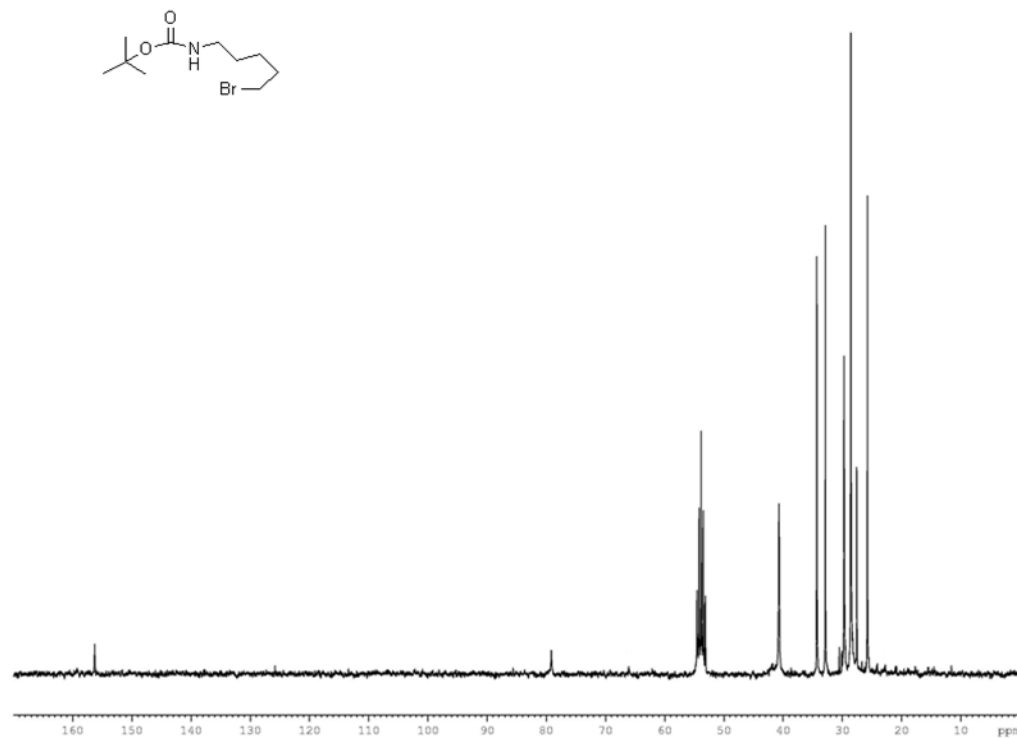
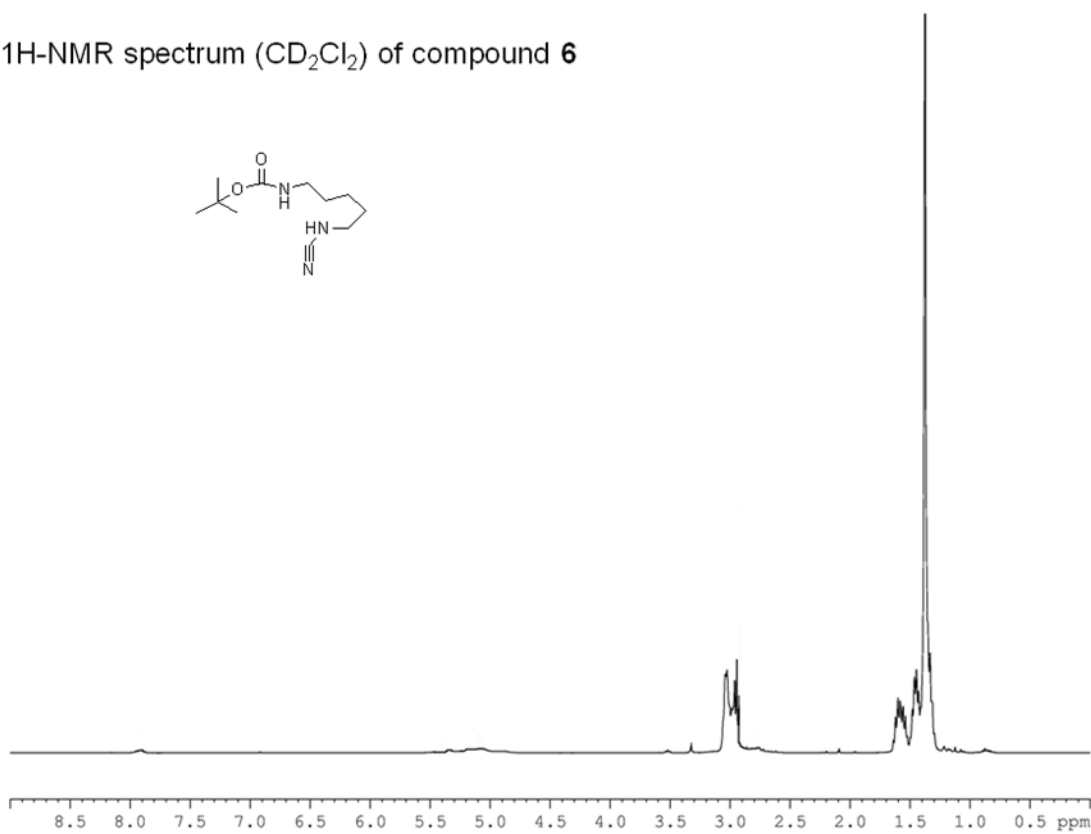
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1. NMR spectra of synthetic intermediates	S2
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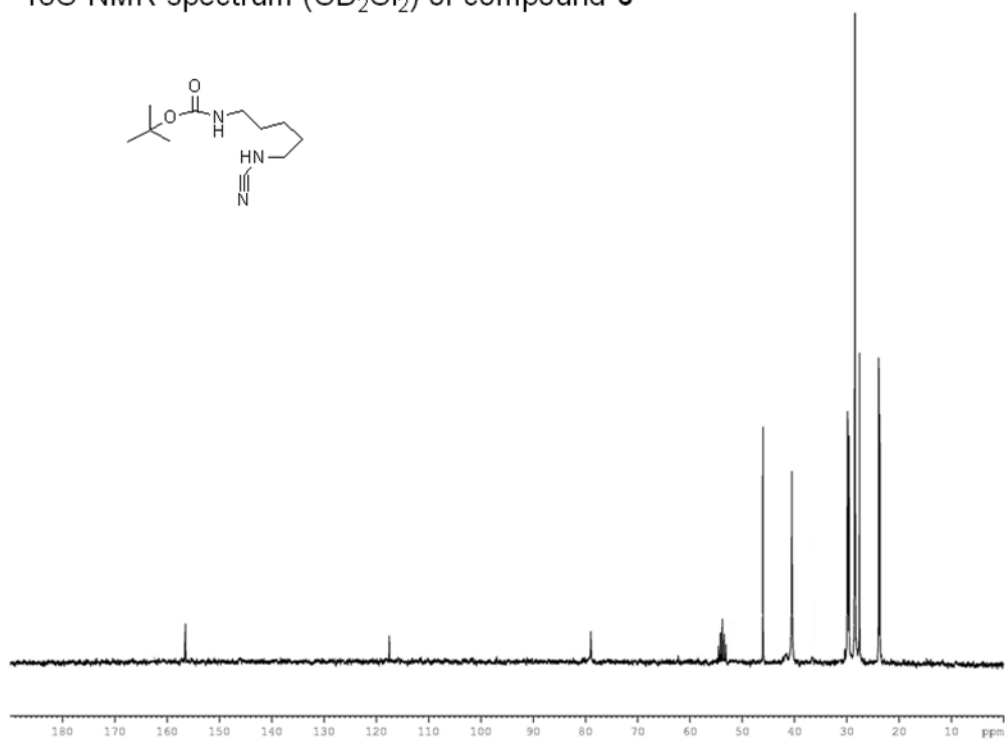
13C-NMR spectrum (CD<sub>3</sub>OD) of 3-Indolacetic acid OMe ester1H-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound 2

13C-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound 21H-NMR spectrum (CD<sub>3</sub>OD) of compound 4

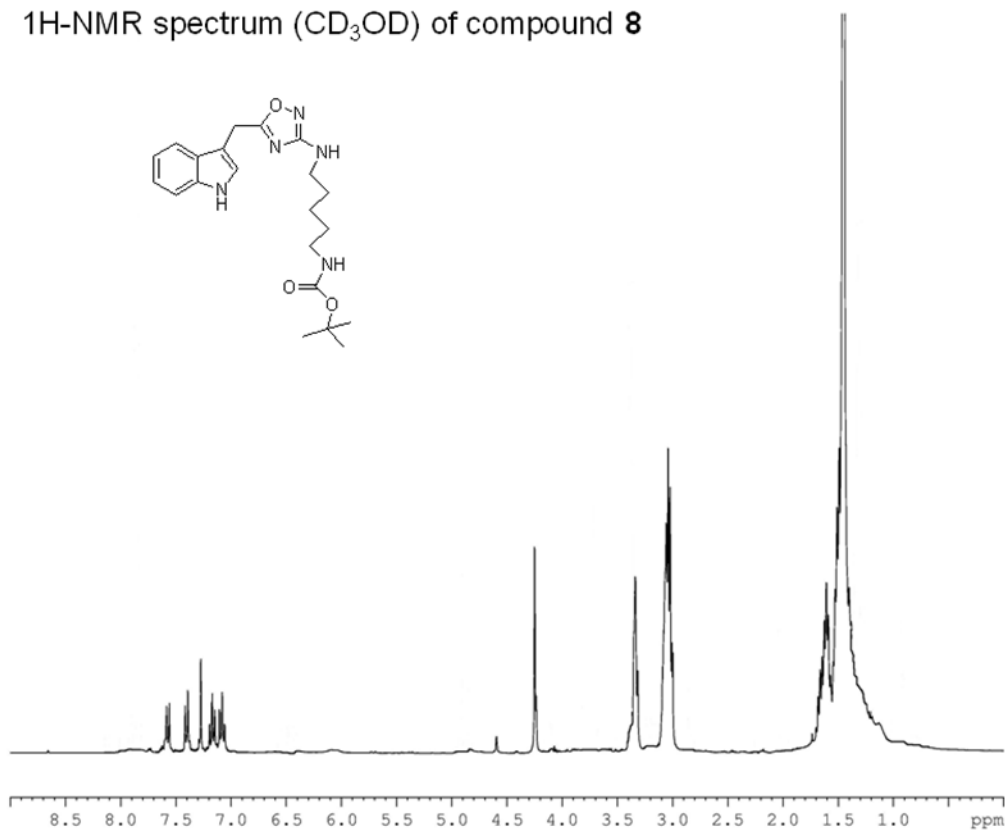
13C-NMR spectrum (CD<sub>3</sub>OD) of compound **4**1H-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound **5**

13C-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound 51H-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound 6

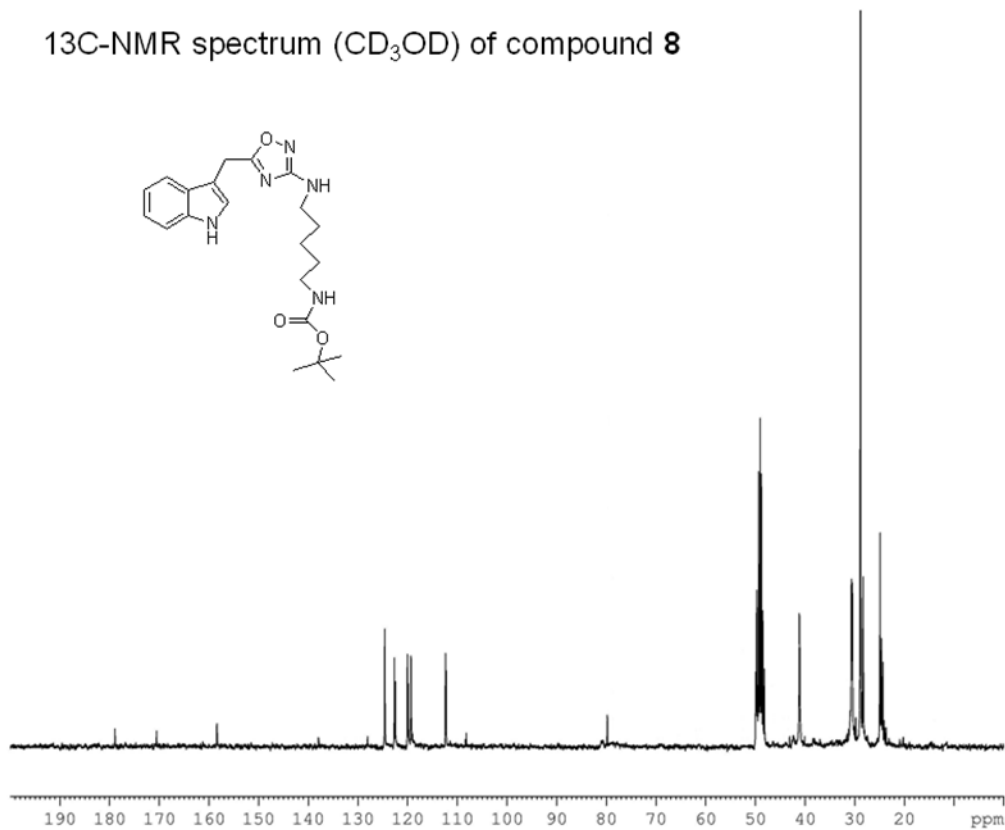
<sup>13</sup>C-NMR spectrum (CD<sub>2</sub>Cl<sub>2</sub>) of compound **6**



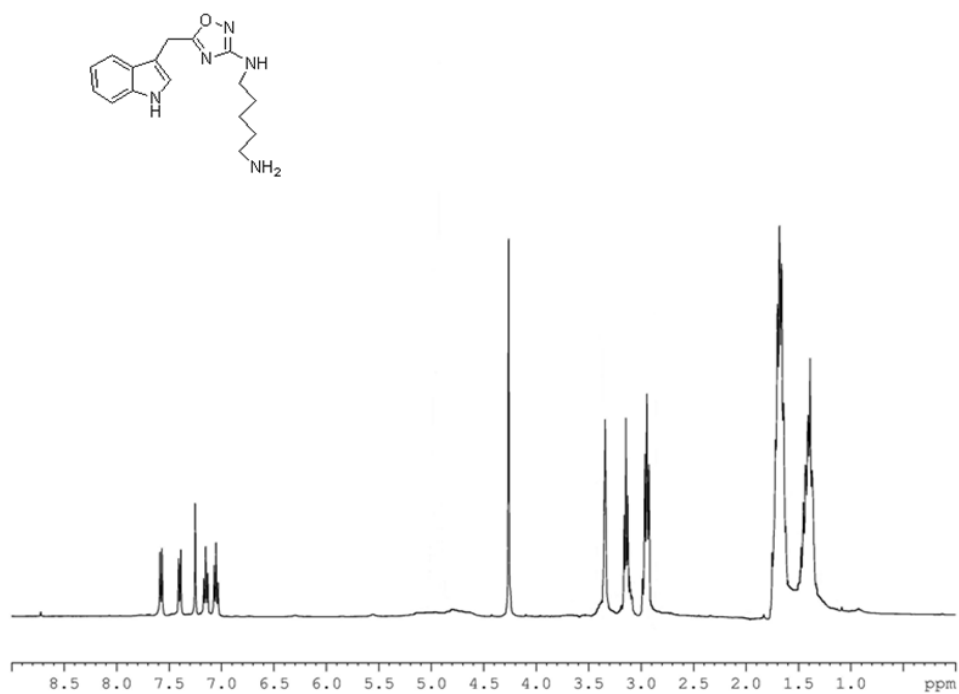
<sup>1</sup>H-NMR spectrum (CD<sub>3</sub>OD) of compound **8**

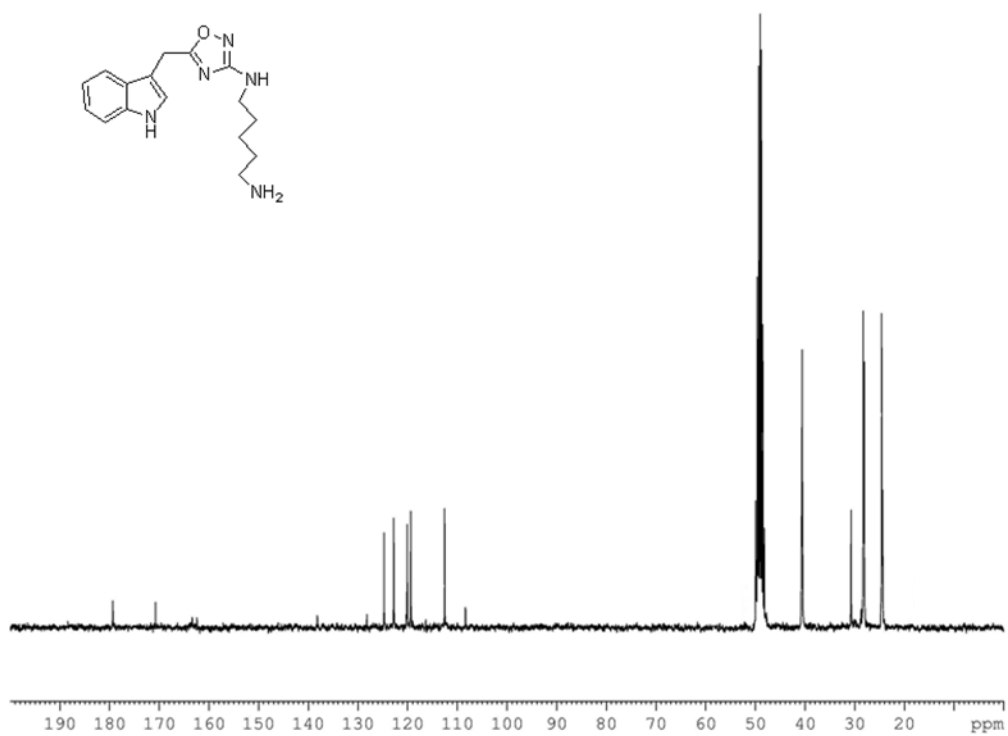
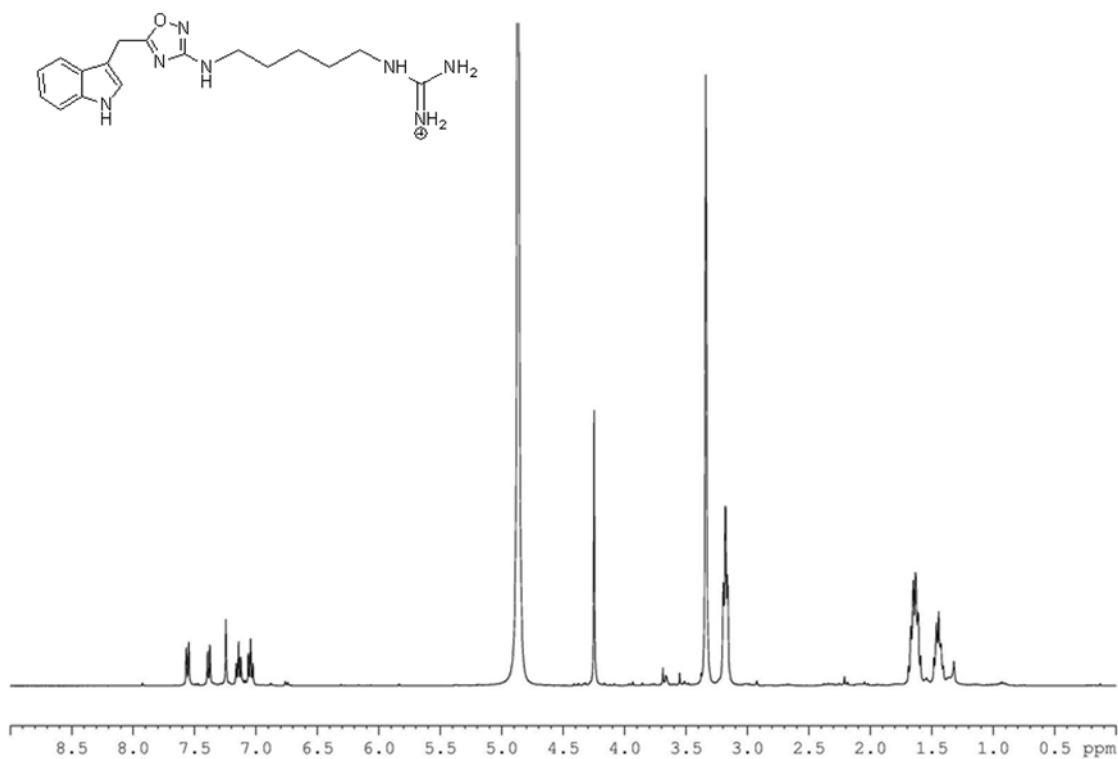


<sup>13</sup>C-NMR spectrum (CD<sub>3</sub>OD) of compound **8**



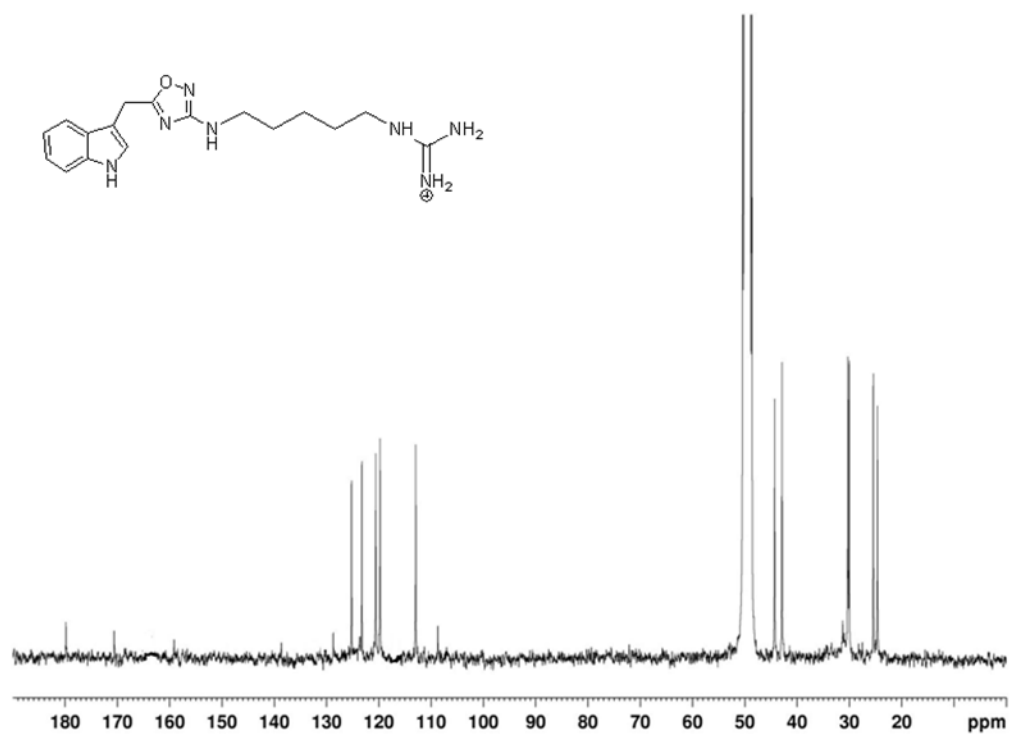
<sup>1</sup>H-NMR spectrum (CD<sub>3</sub>OD) of compound **9**



13C-NMR spectrum (CD<sub>3</sub>OD) of compound 91H-NMR spectrum (CD<sub>3</sub>OD) of compound 1



<sup>13</sup>C-NMR spectrum (CD<sub>3</sub>OD) of compound 1



<sup>1</sup>H spectrum (DMSO d<sub>6</sub>) of compound 1

