

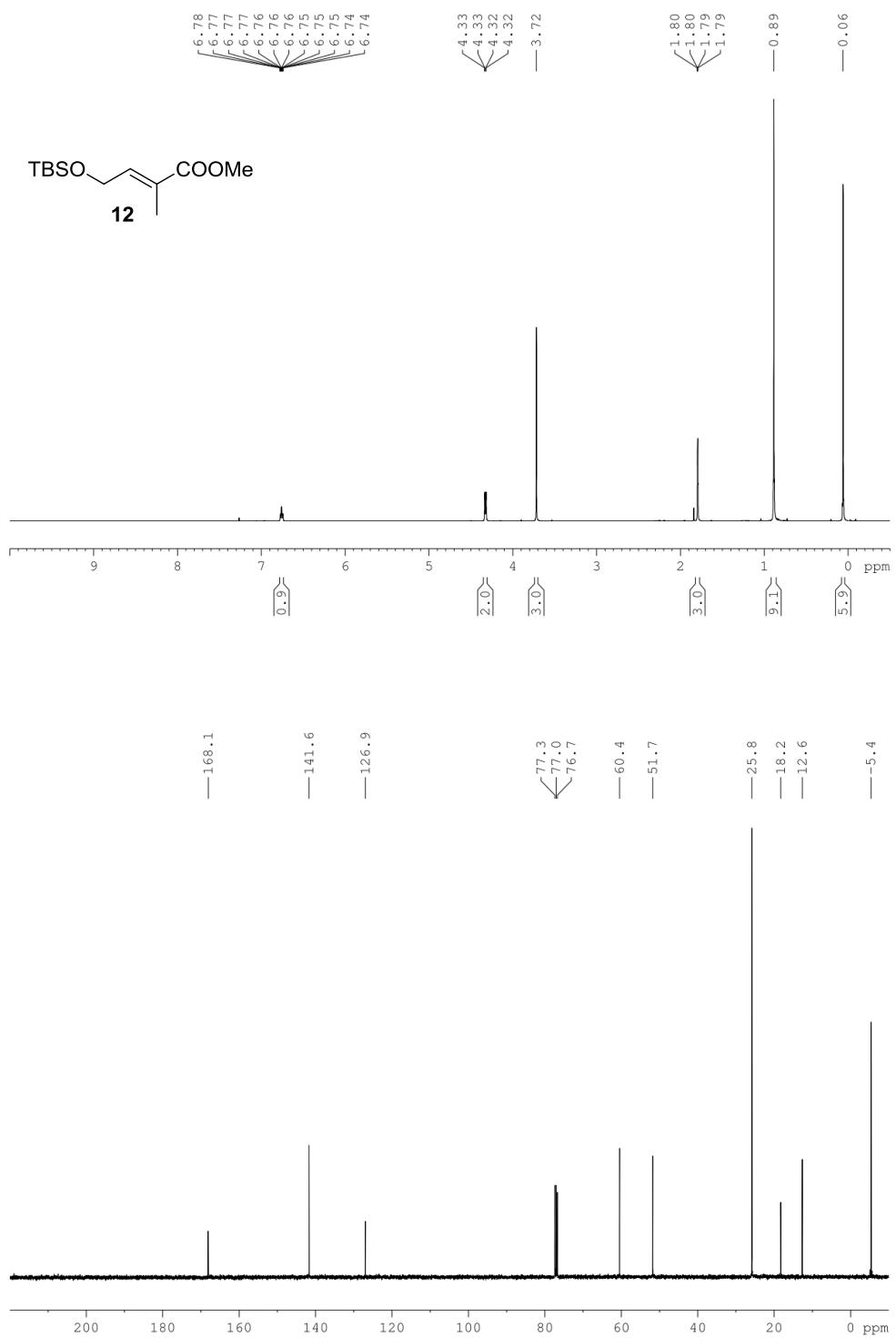
## Total Syntheses of Smenothiazoles A and B

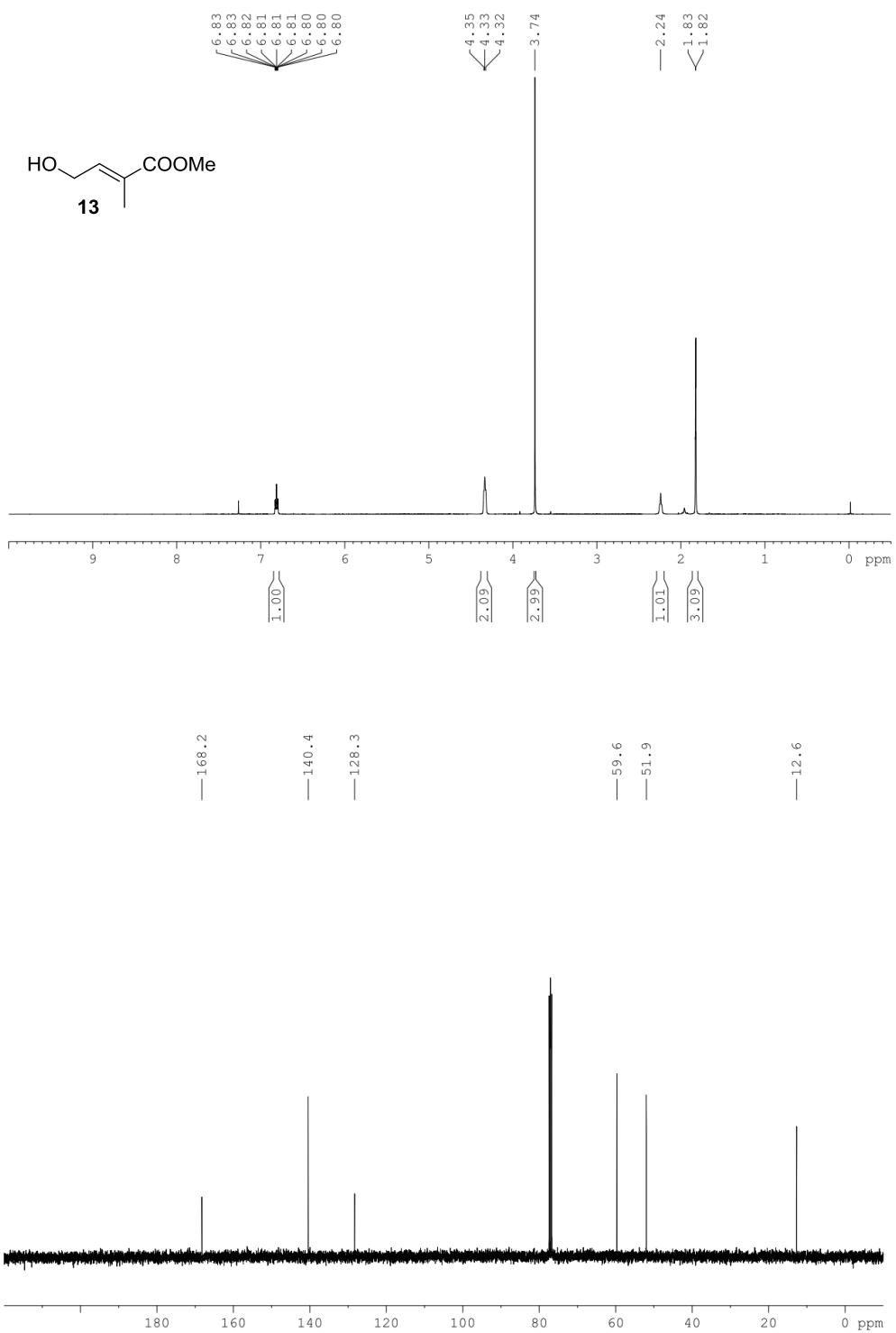
Xiao Ma, Yajie Chen, Sigui Chen, Zhengshuang Xu\* and Tao Ye\*

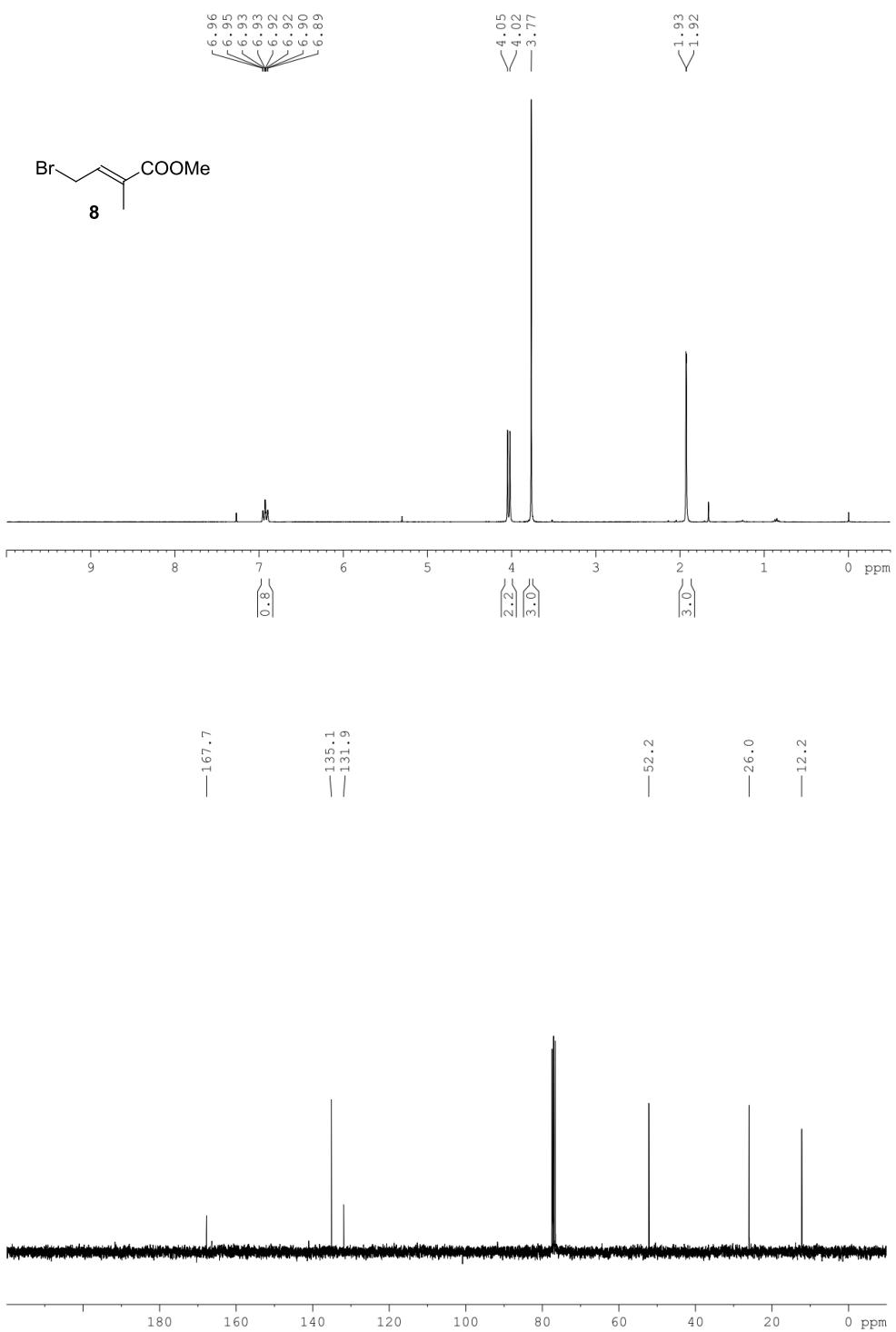
*Laboratory of Chemical Genomics, Engineering Laboratory for Chiral Drug Synthesis, School of Chemical Biology and Biotechnology, Peking University Shenzhen Graduate School, Xili, Nanshan District, Shenzhen, 518055, China.*

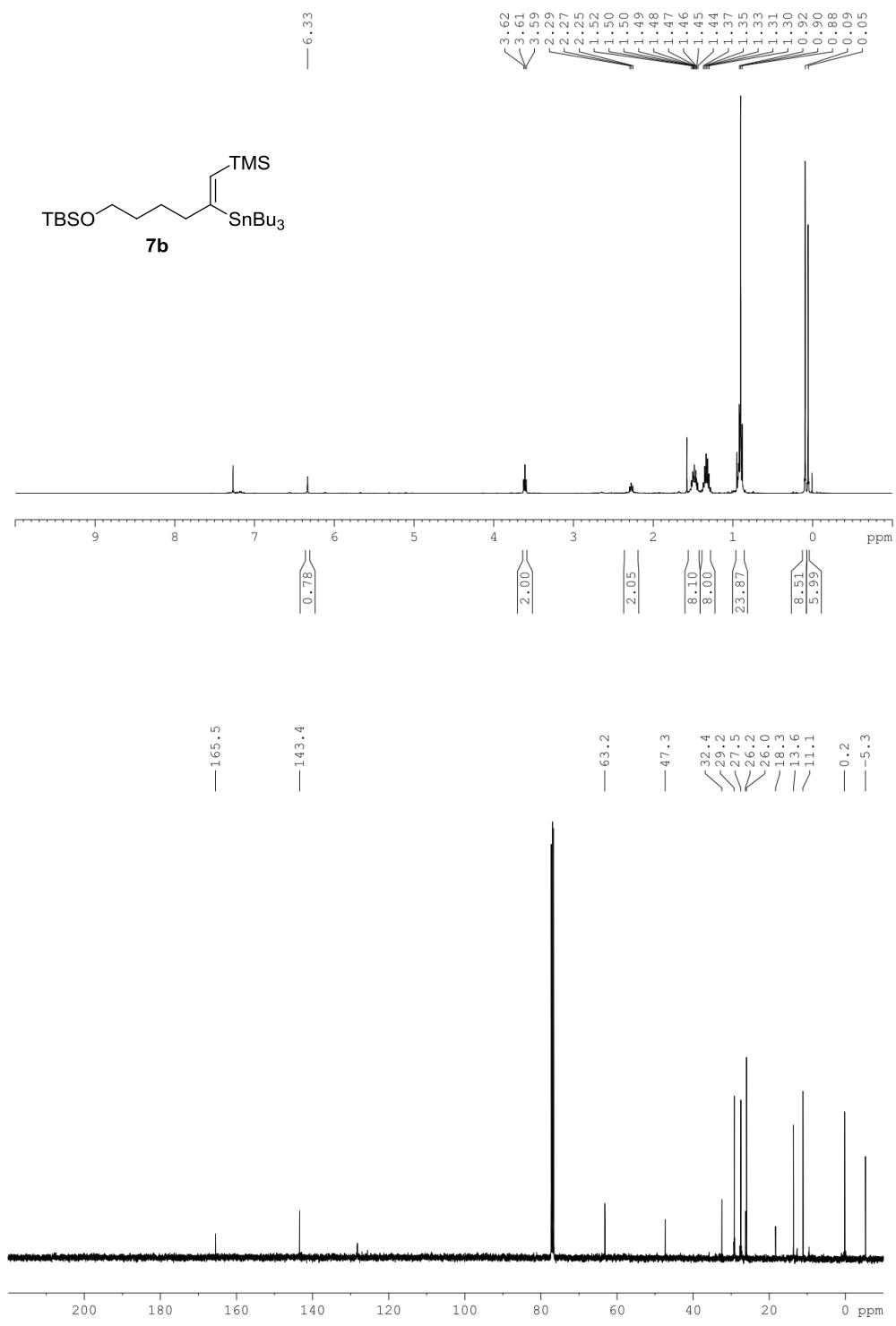
### Content

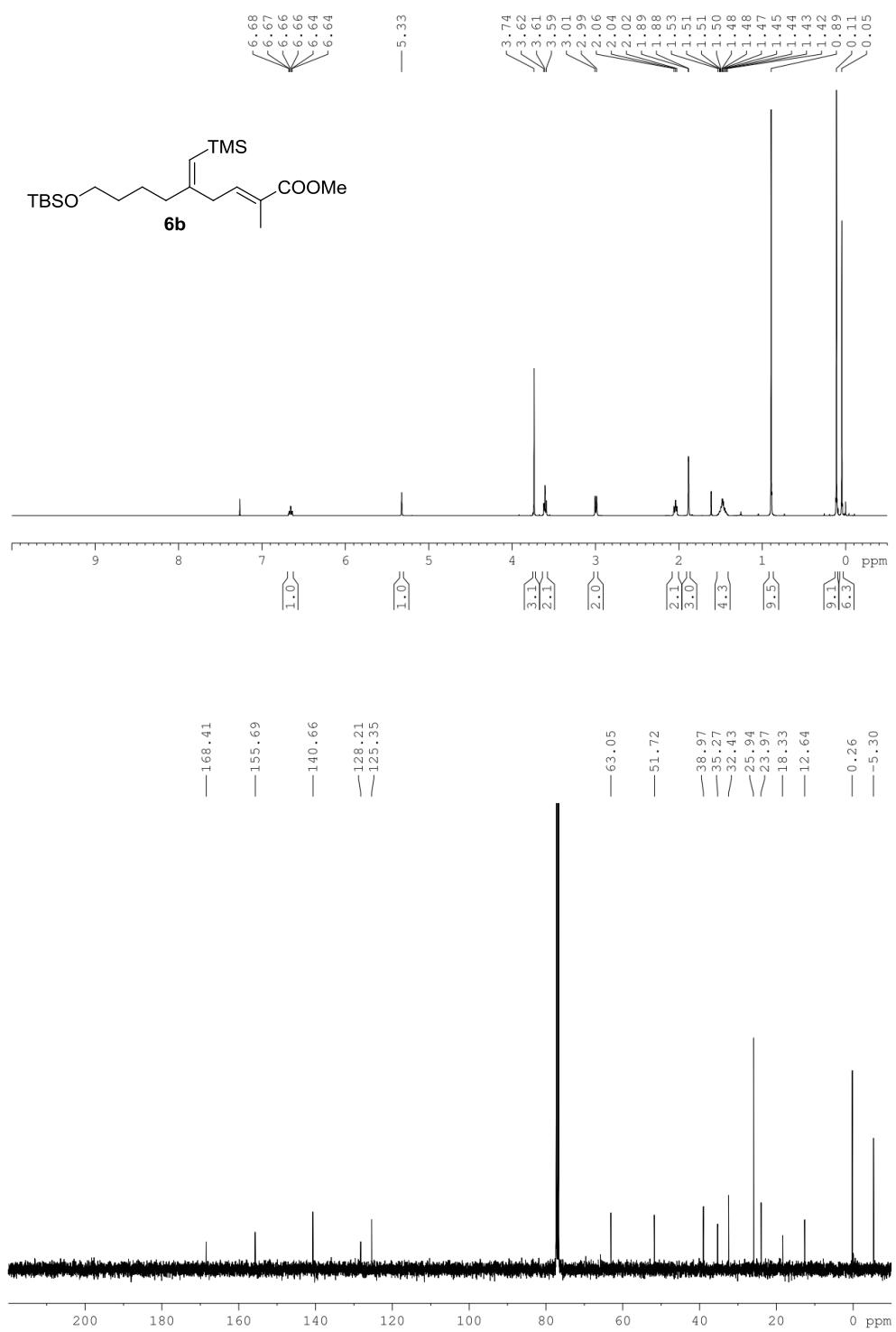
Copies $^1\text{H}$ and $^{13}\text{C}$ spectra data	S2-S32
Comparison of $^1\text{H}$ NMR of smenothiazole A	S33
Comparison of $^1\text{H}$ NMR of smenothiazole B	S34

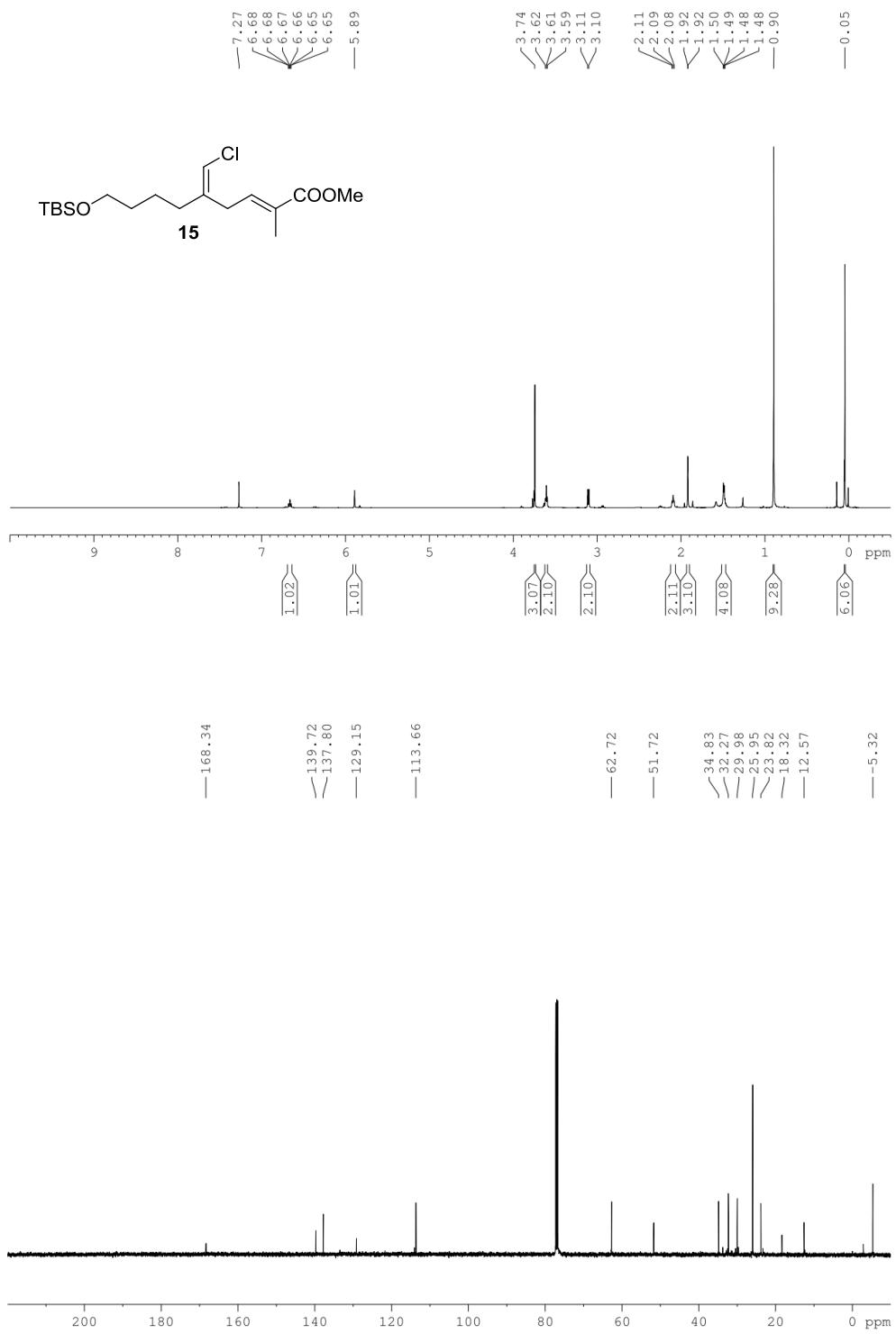




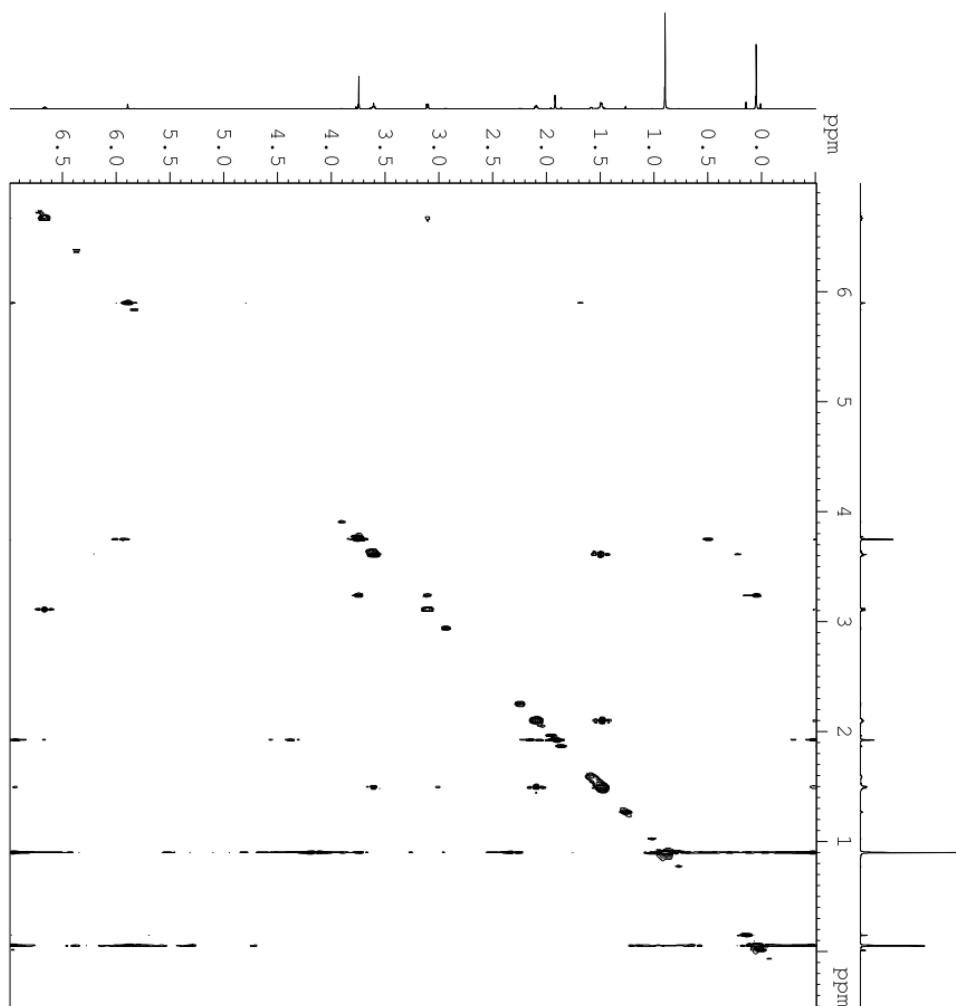




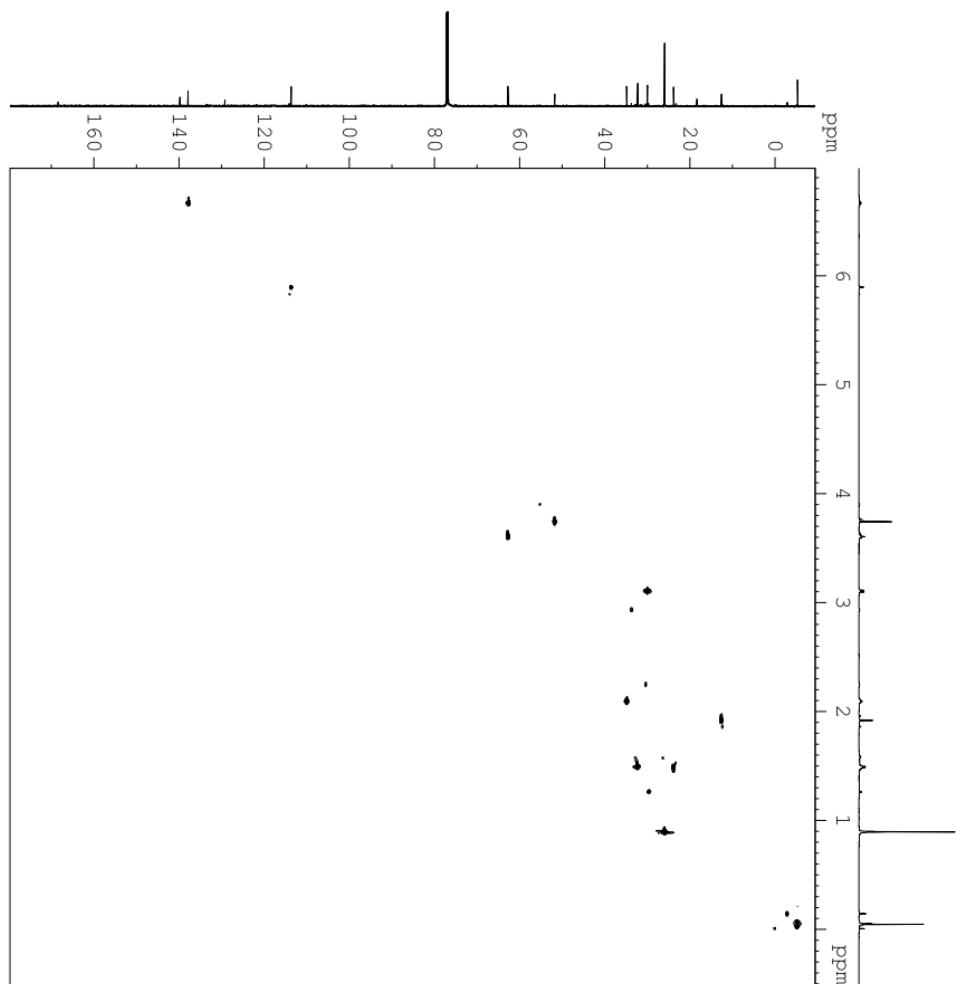




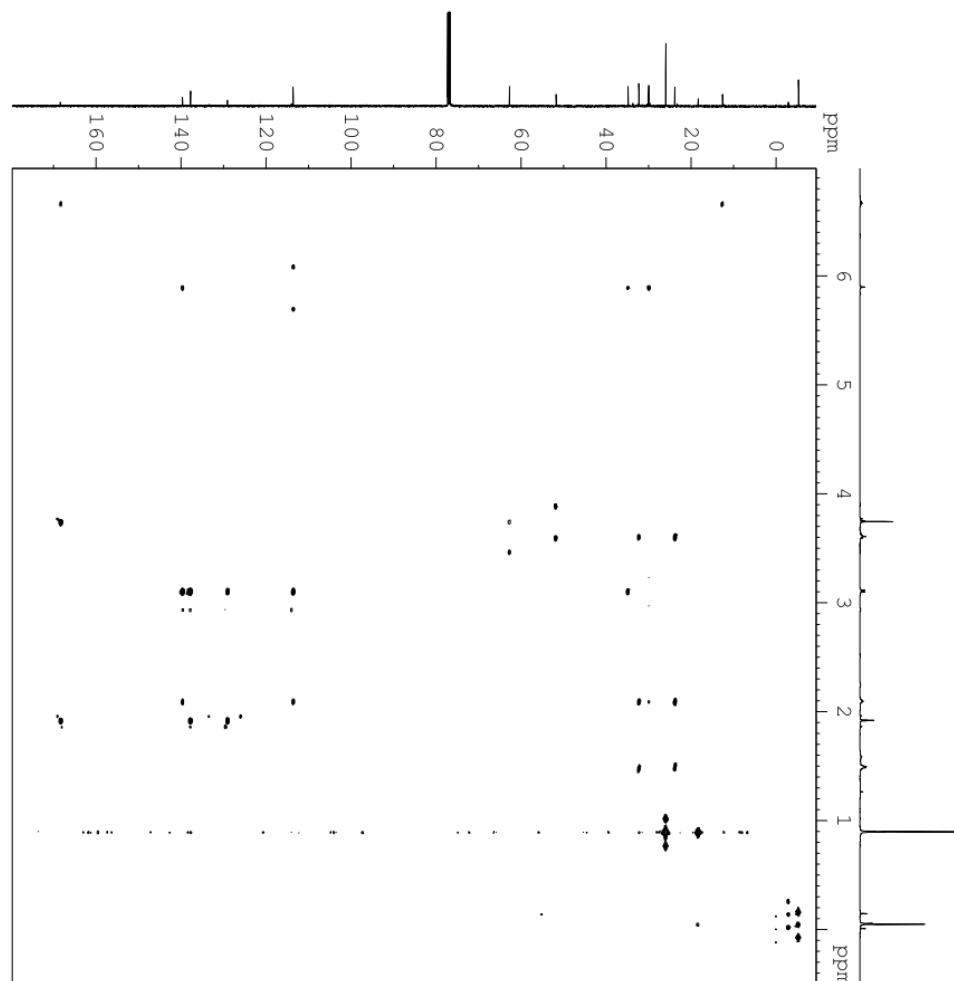
**15 COSY**



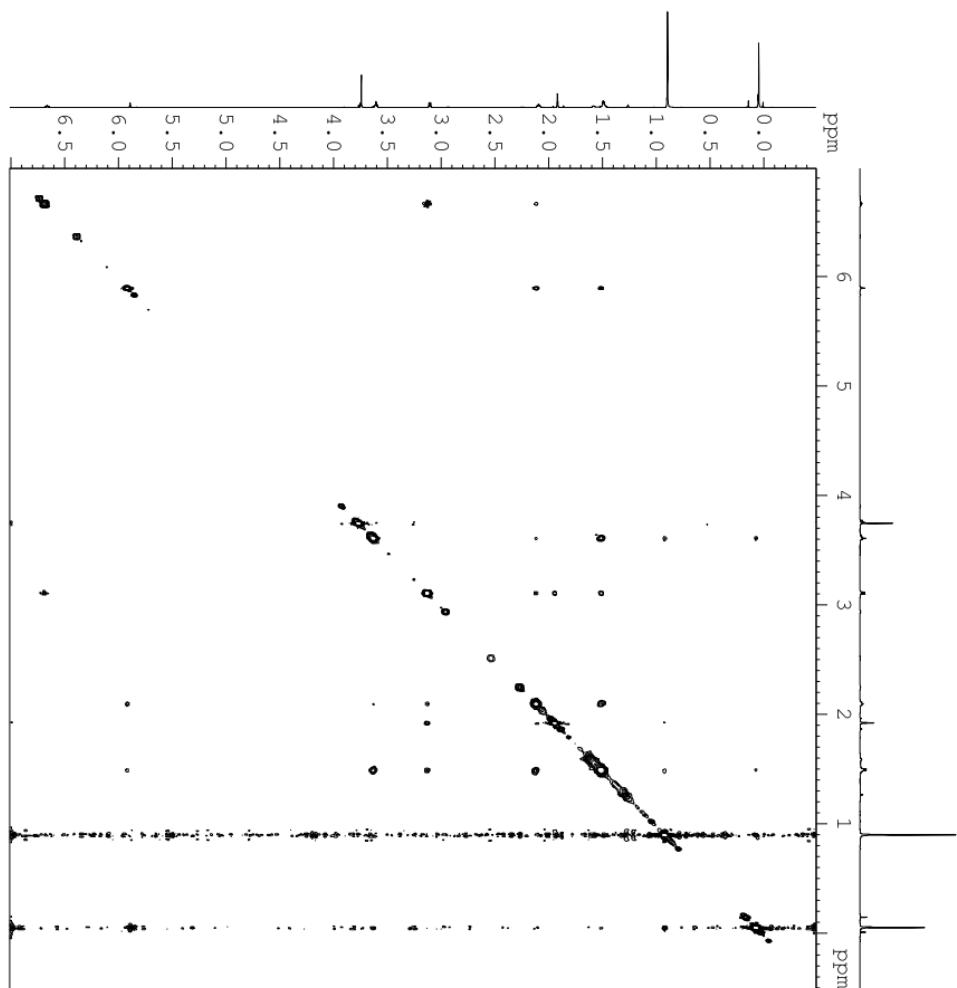
**15** HSQC

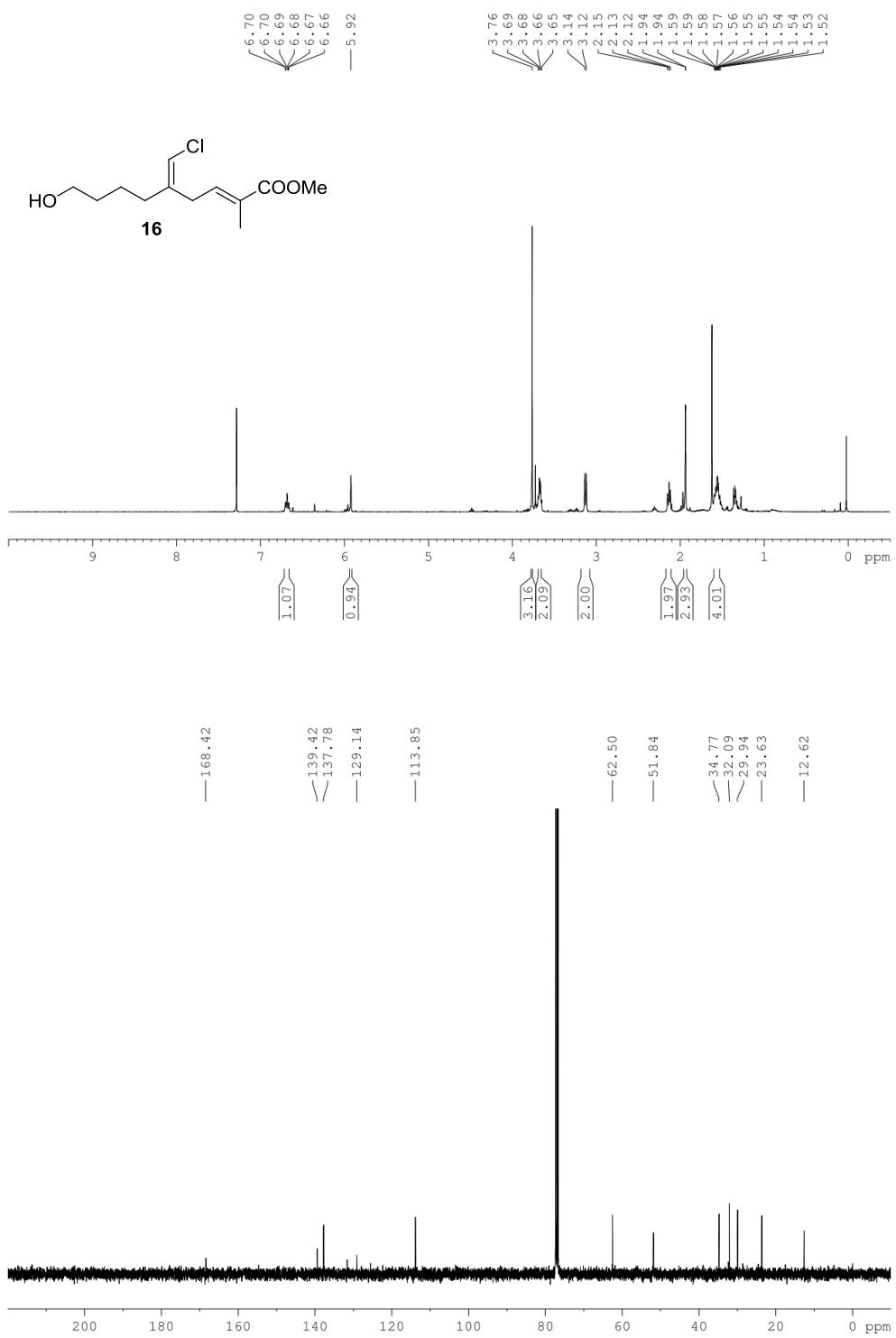


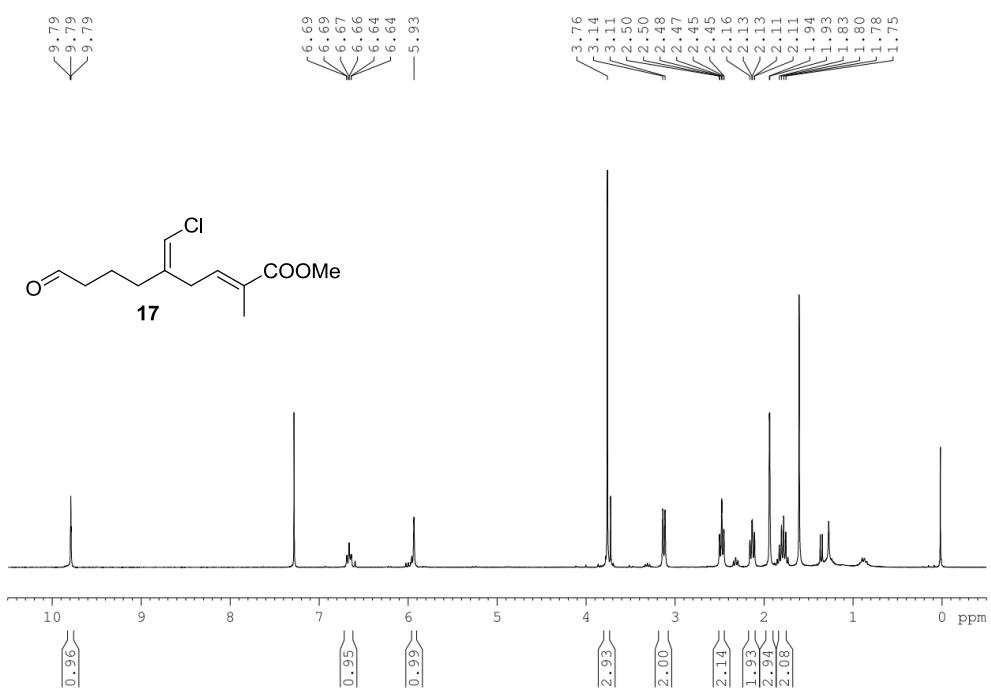
**15 HMBC**

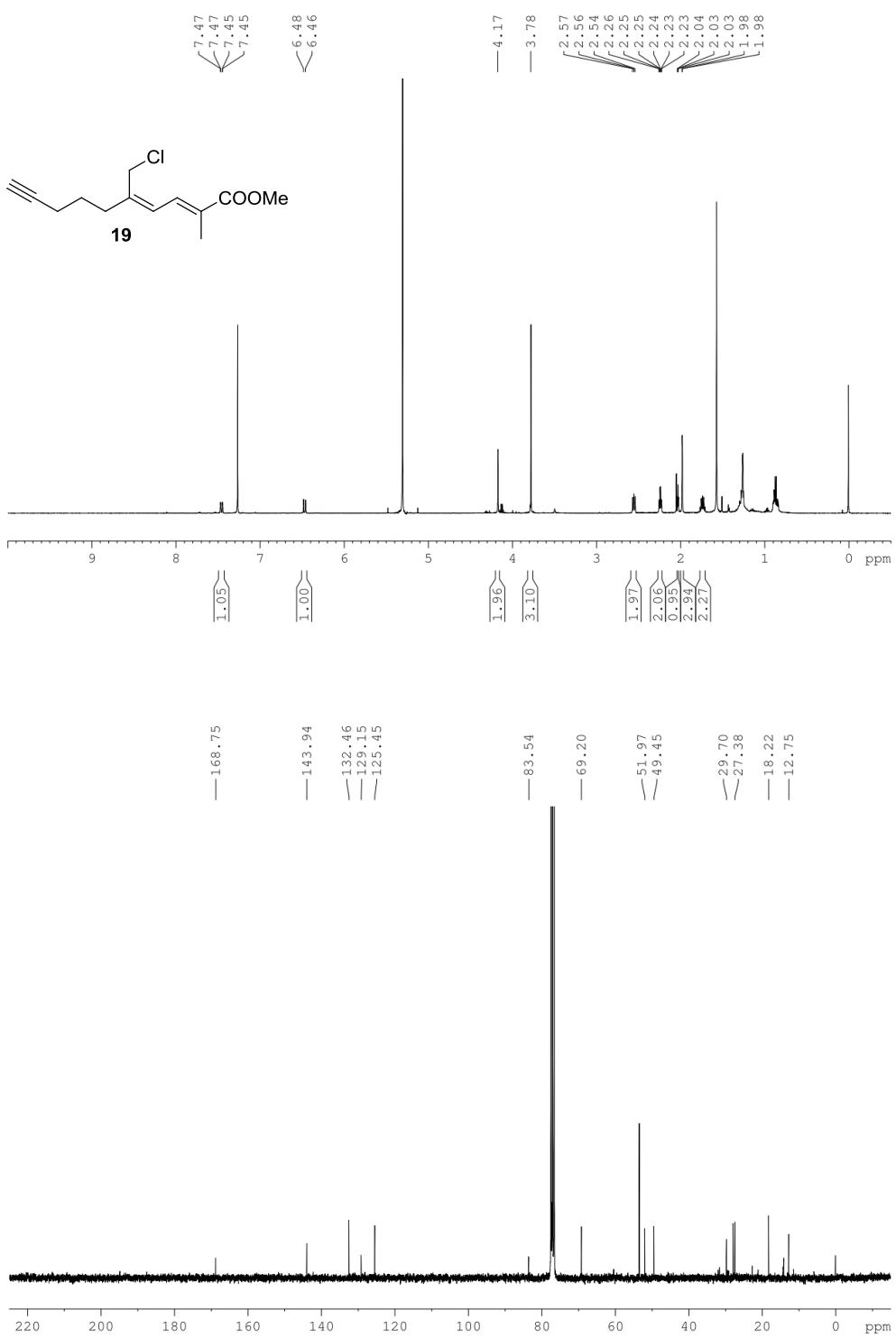


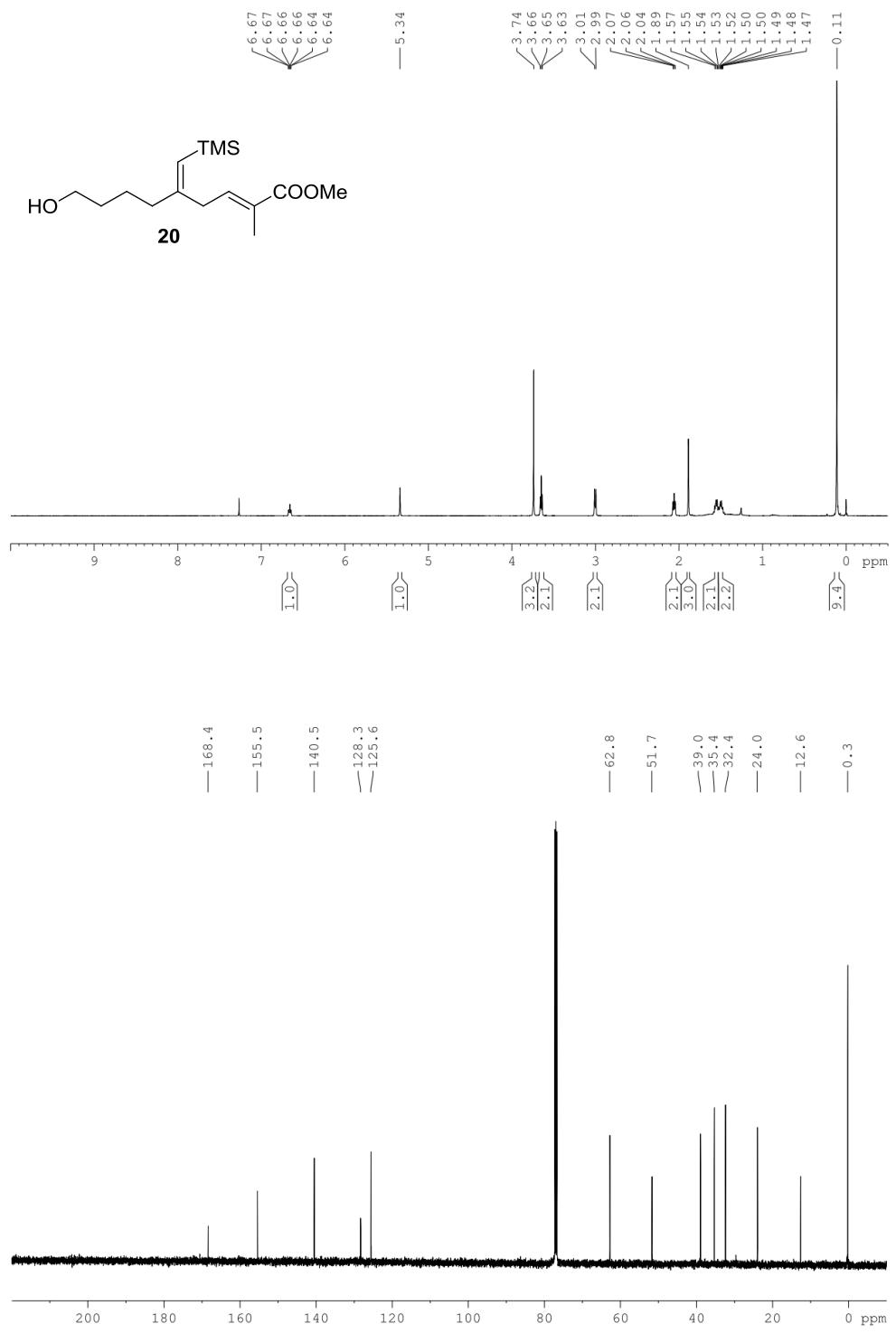
**15 NOESY**

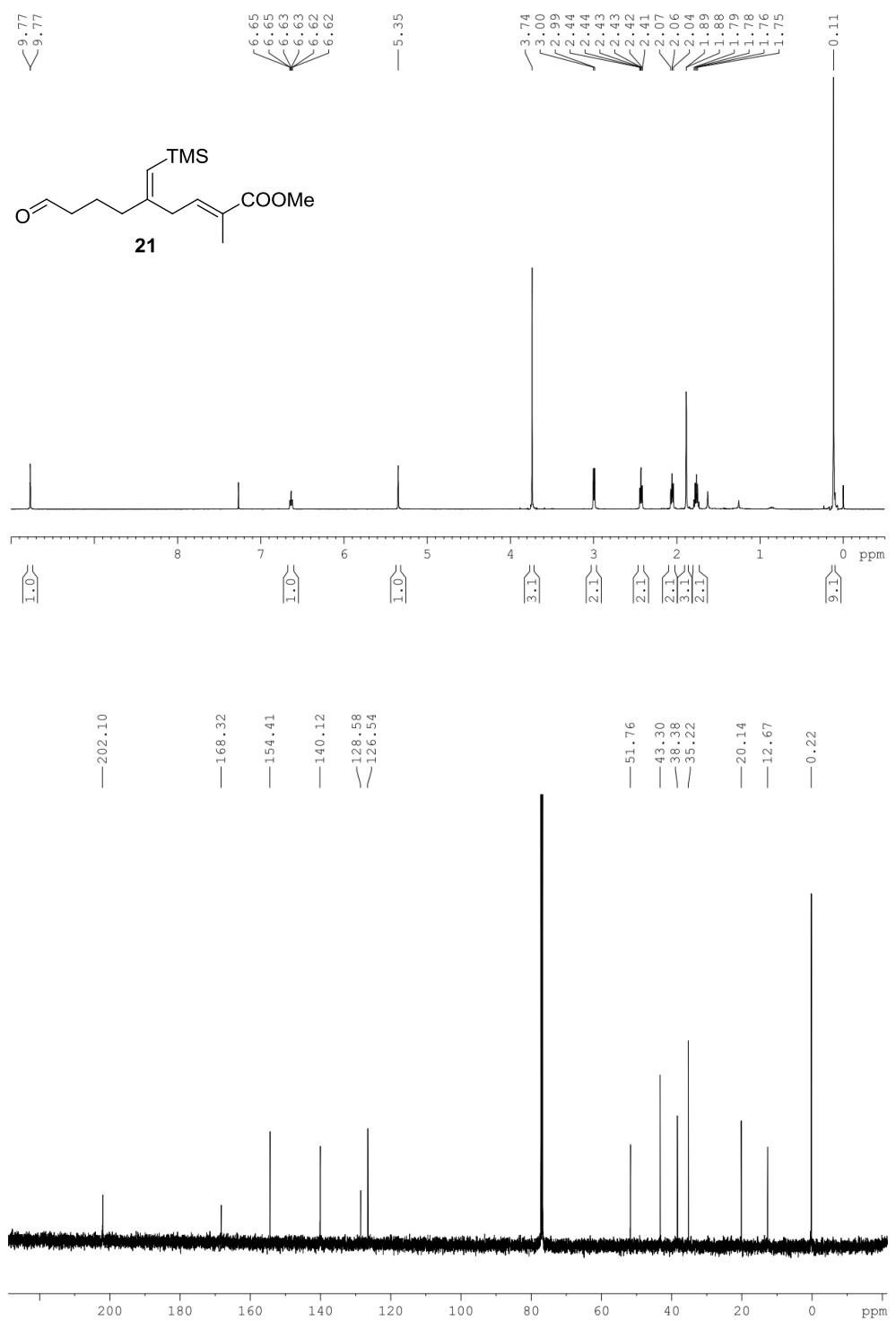


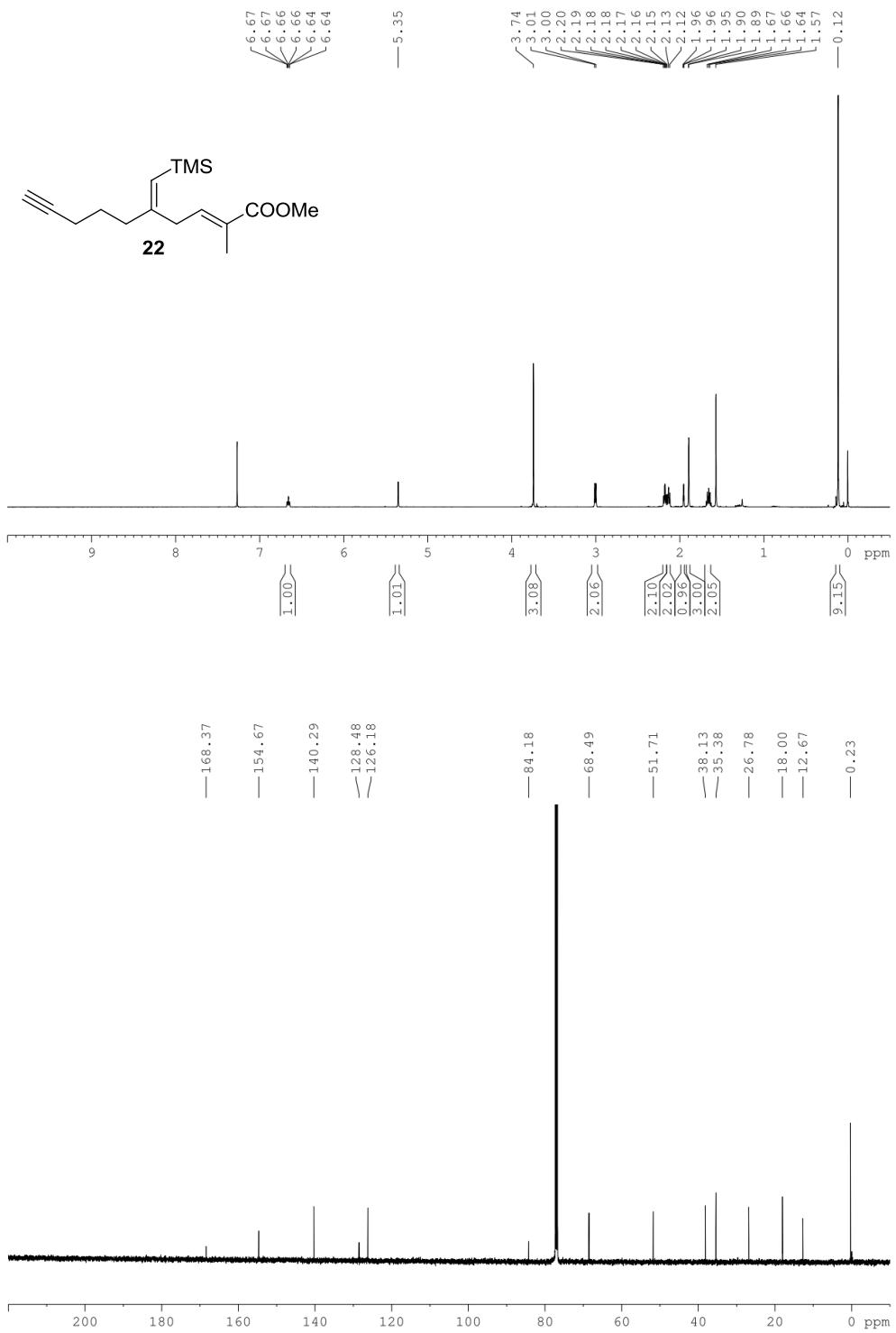


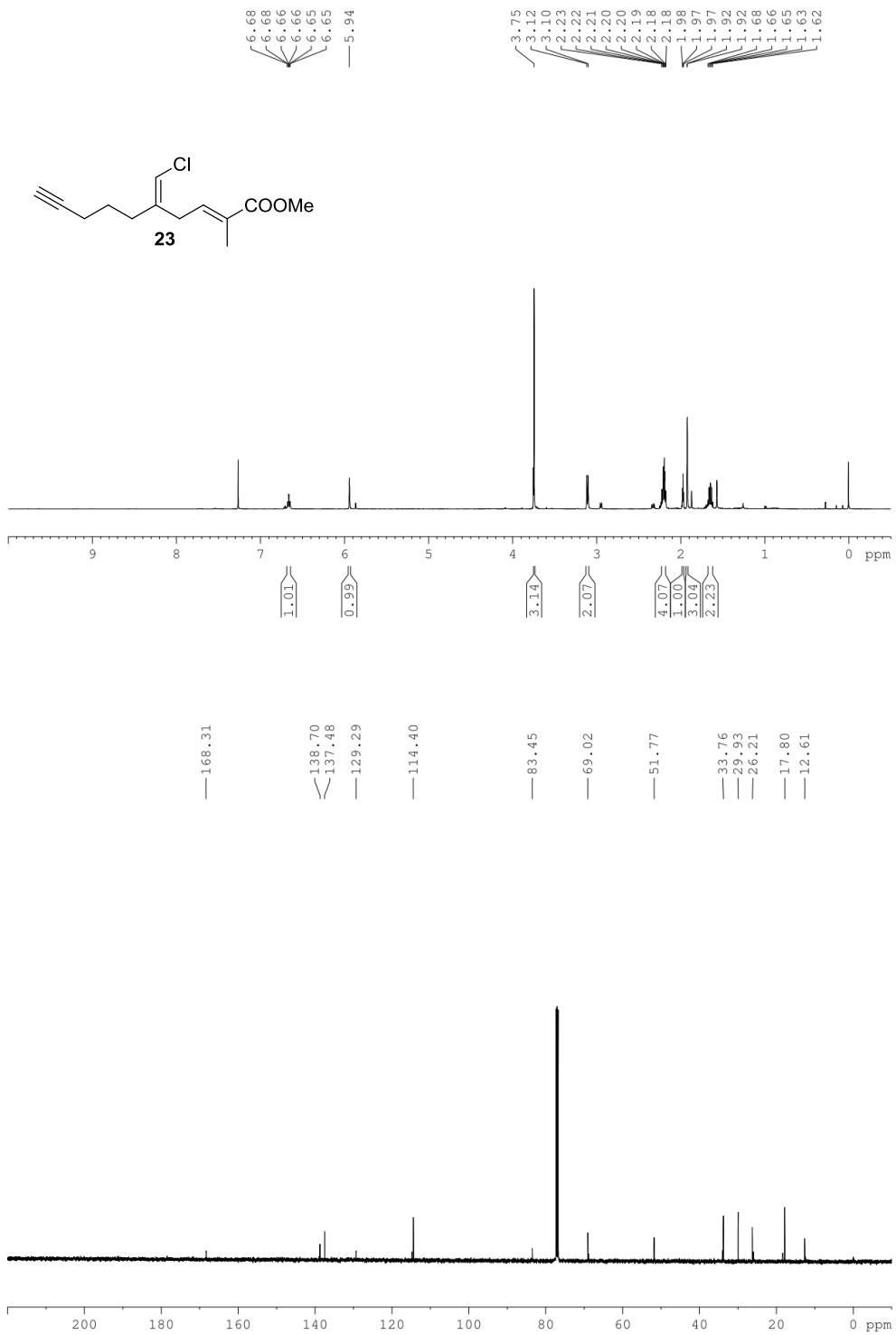




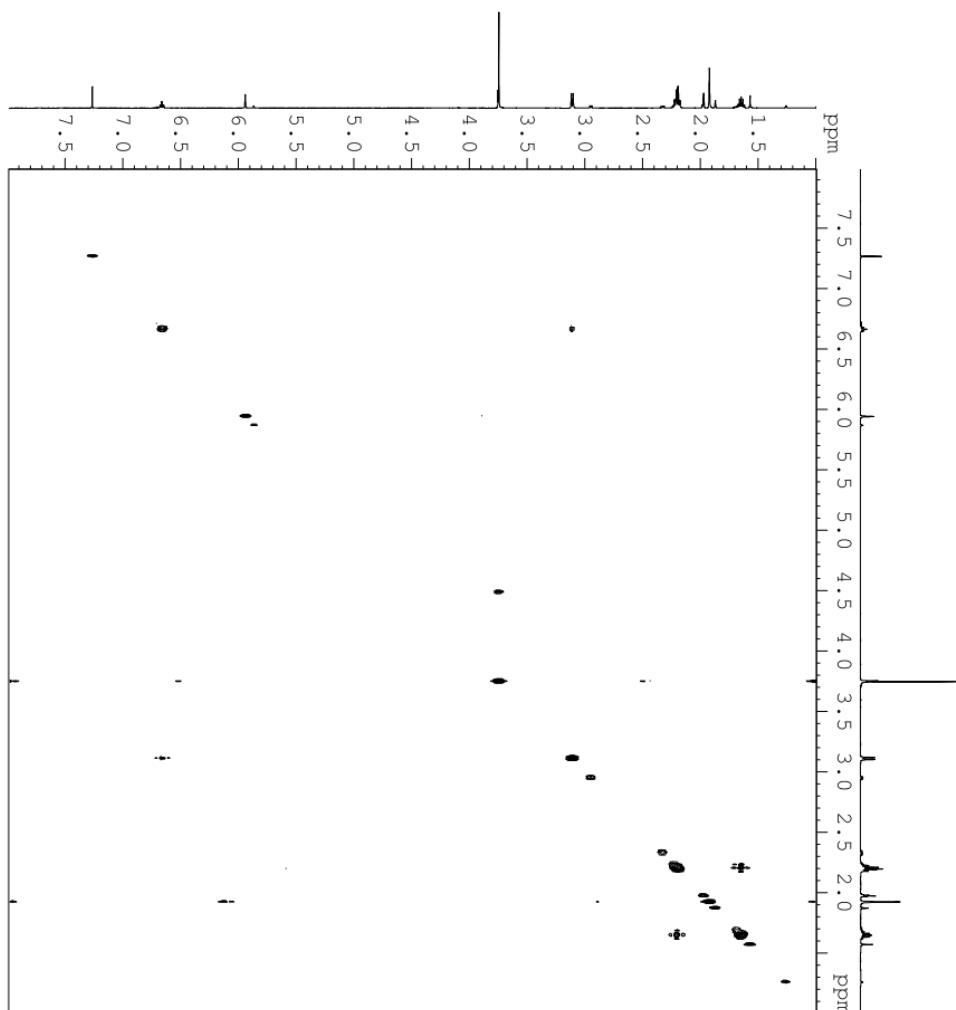




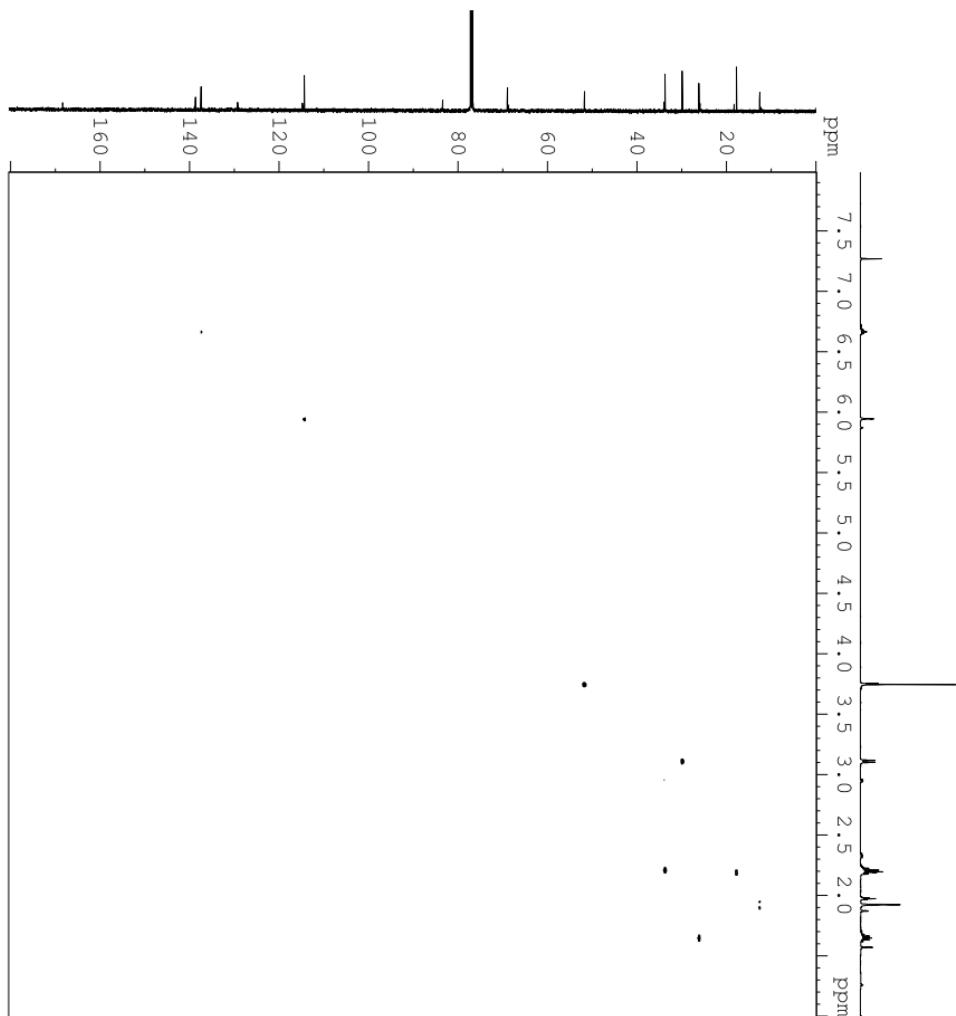




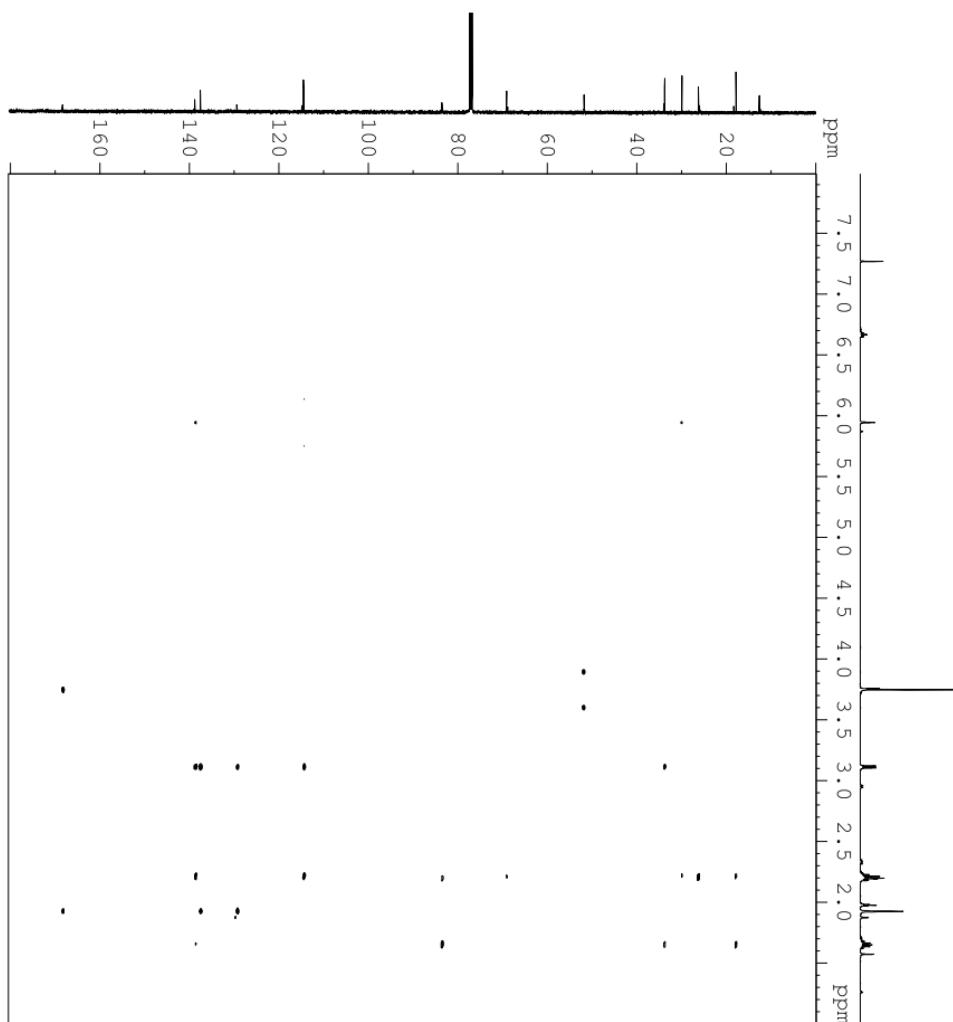
**23 COSY**



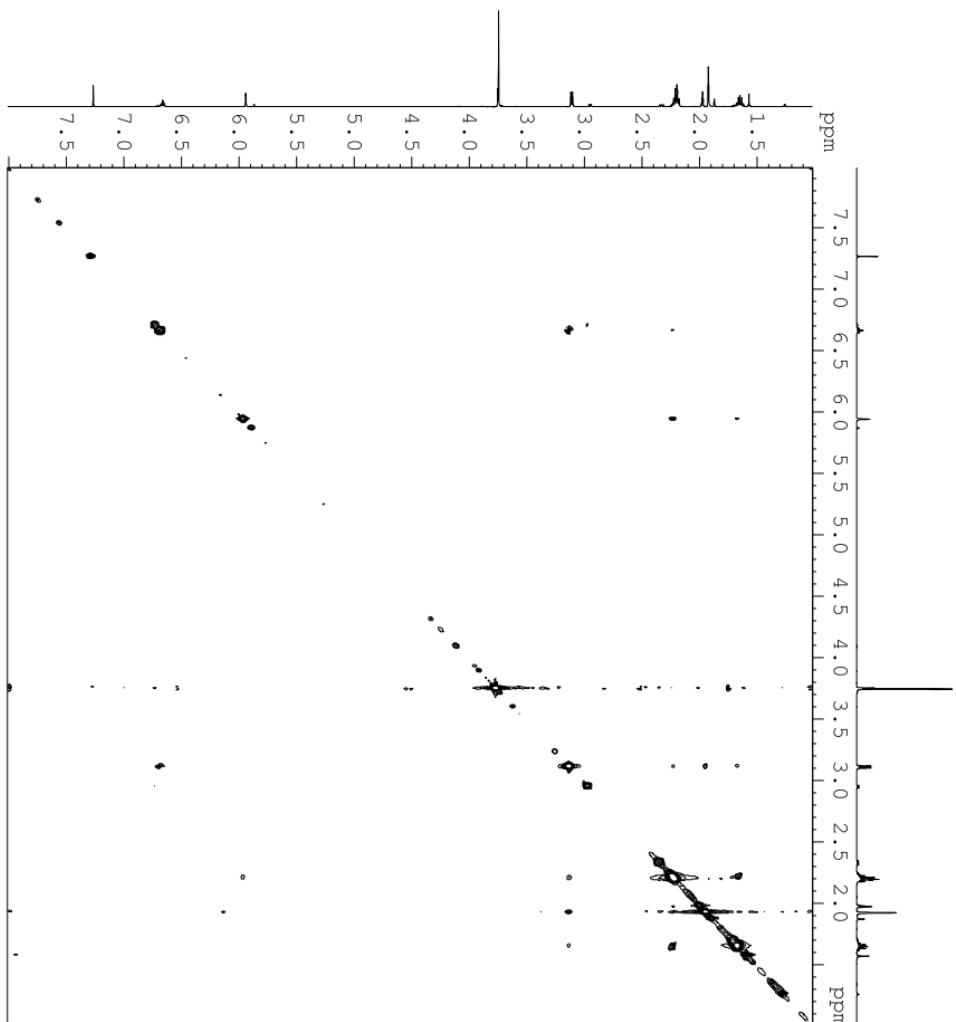
**23** HSQC

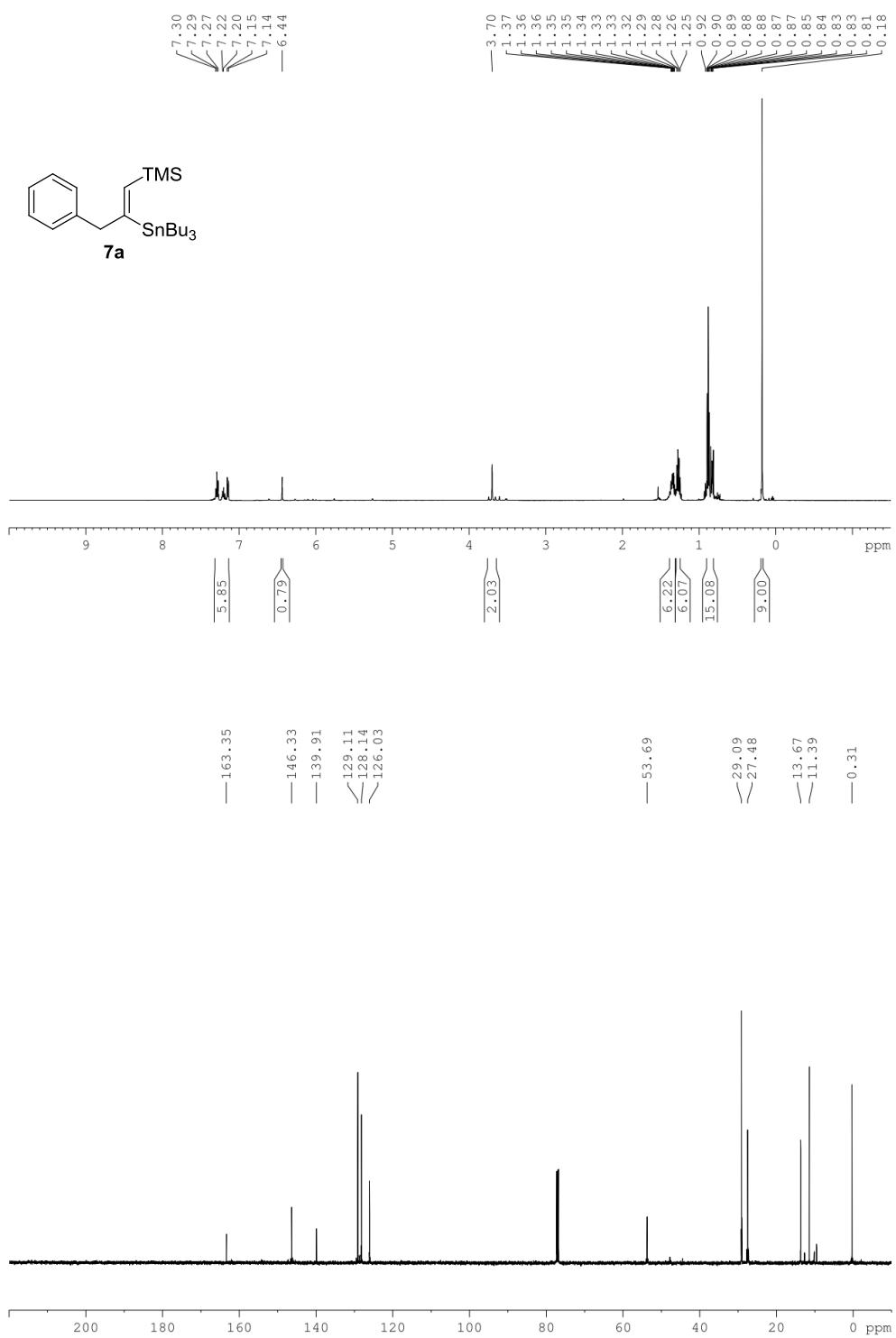


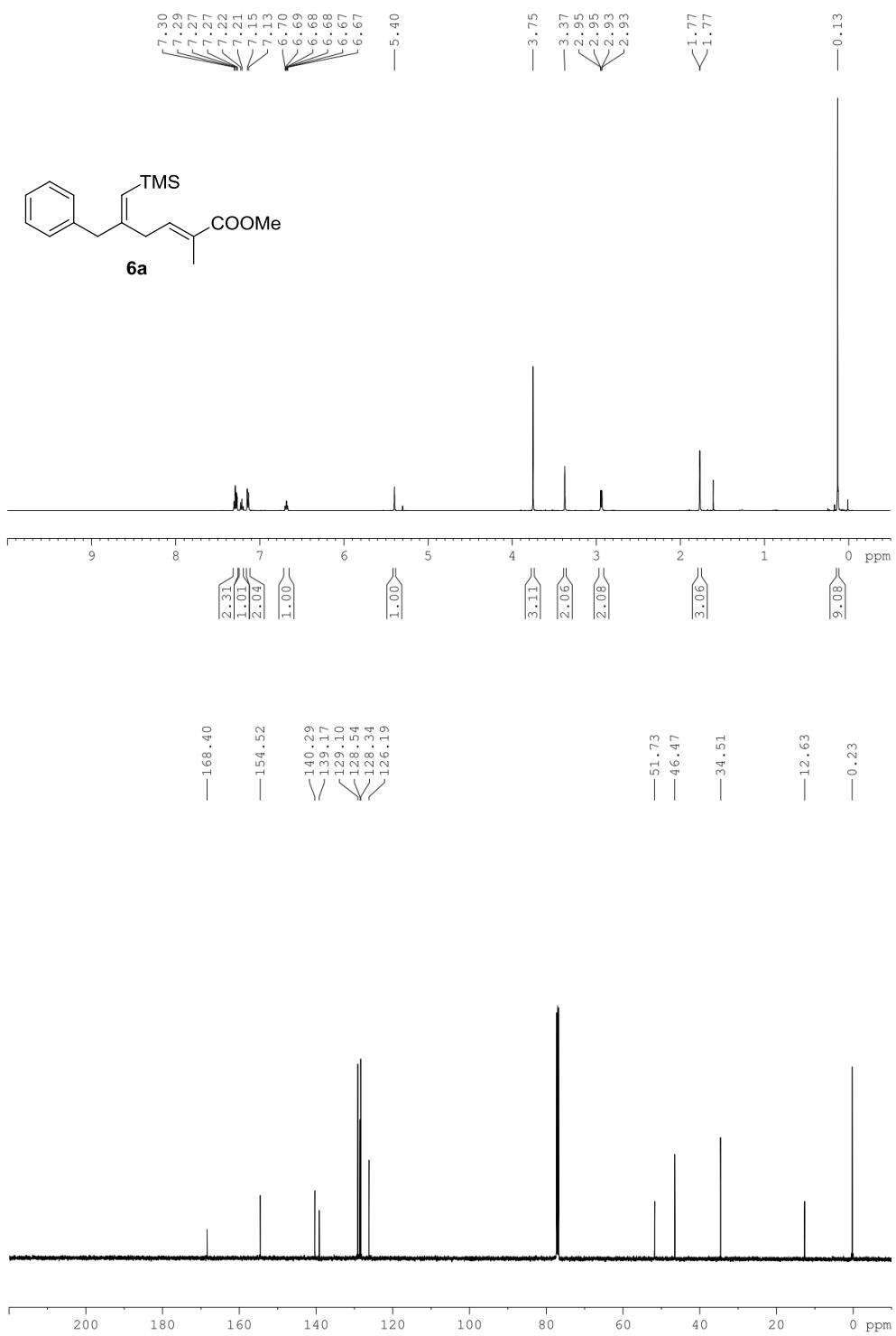
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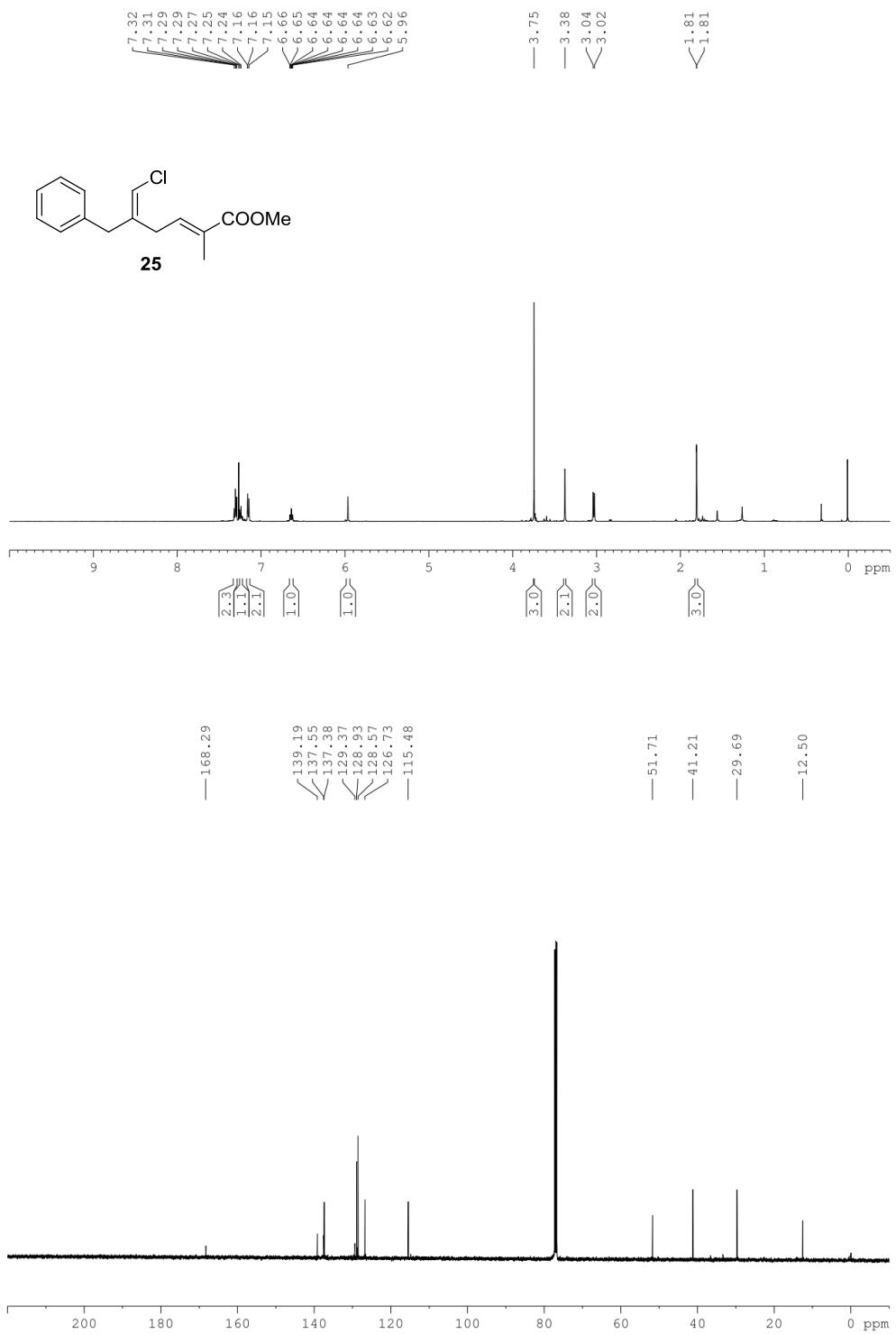


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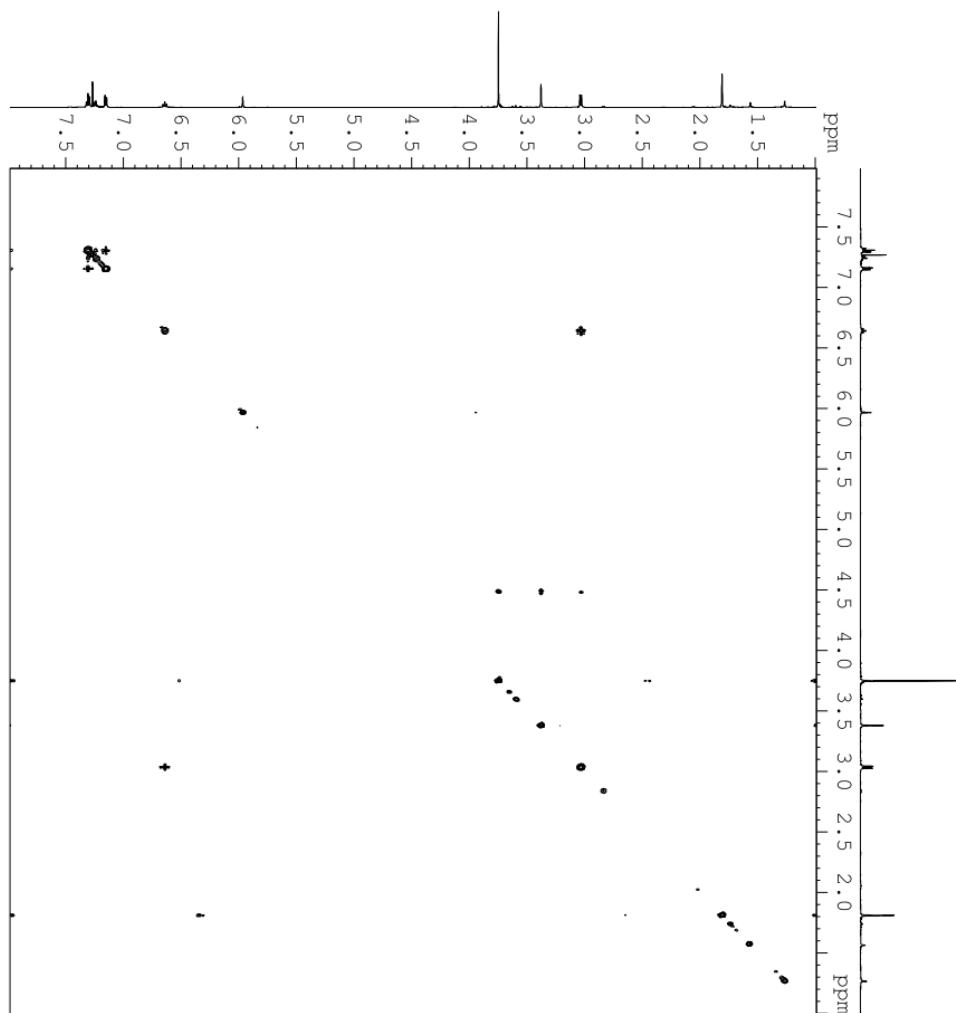




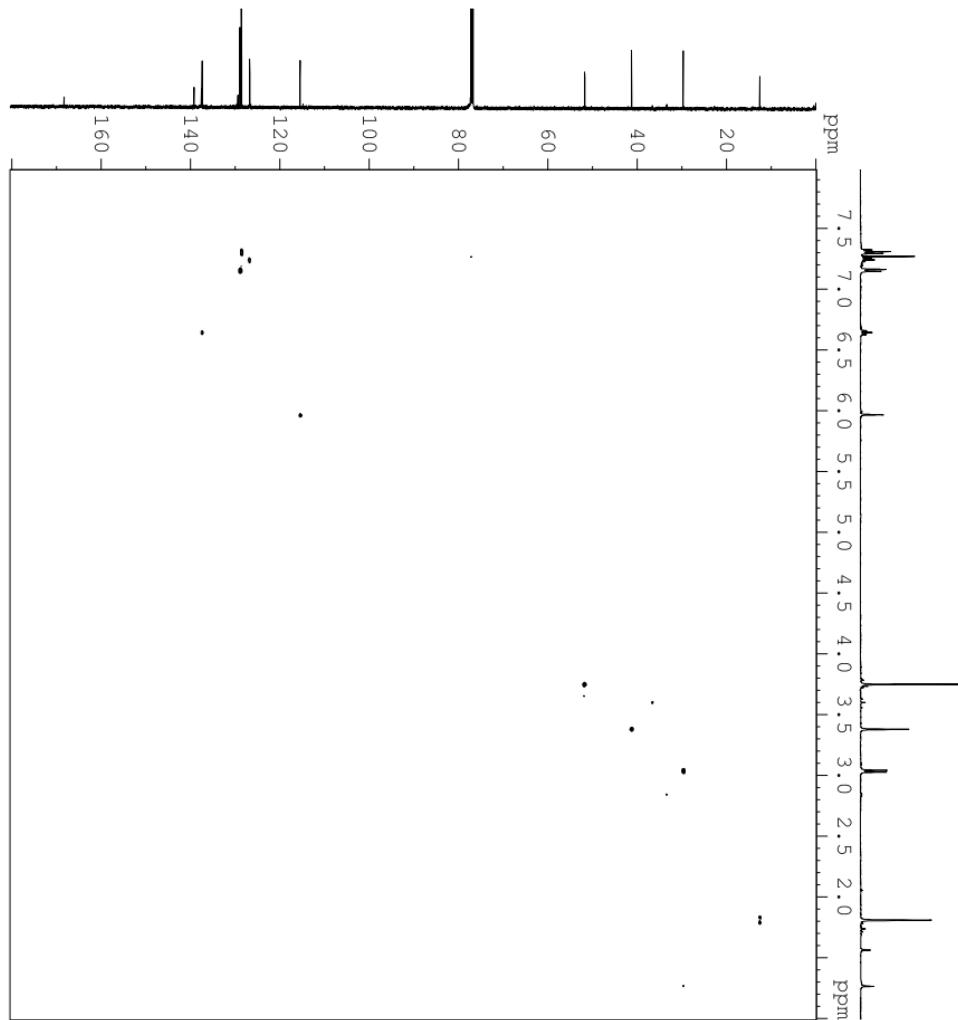




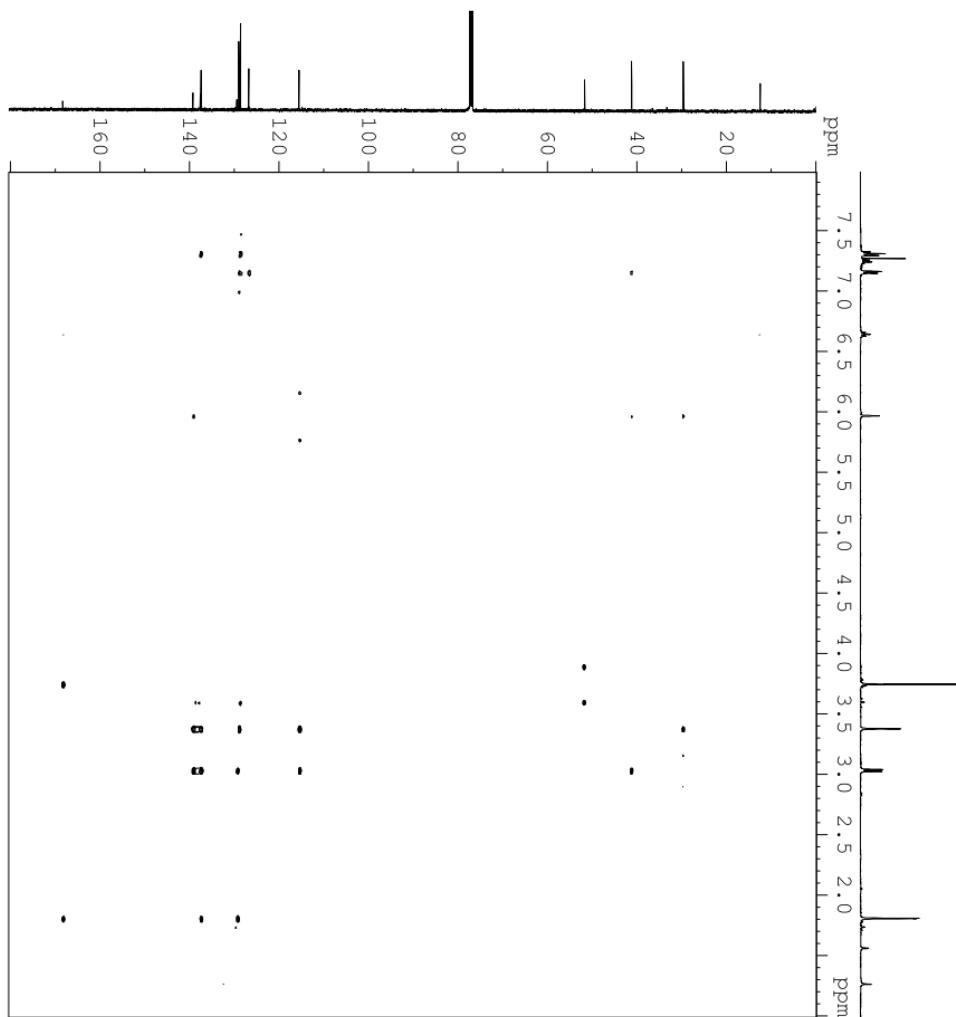
**25 COSY**



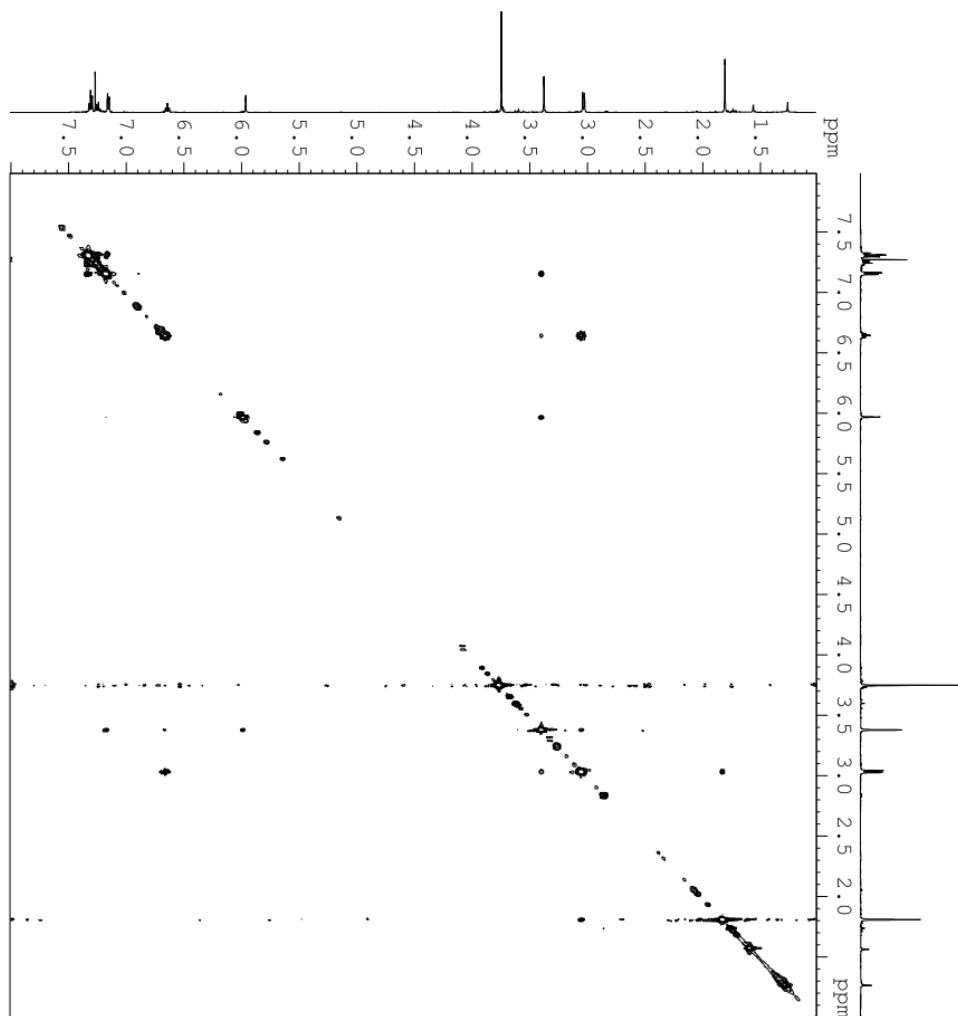
**25 HSQC**

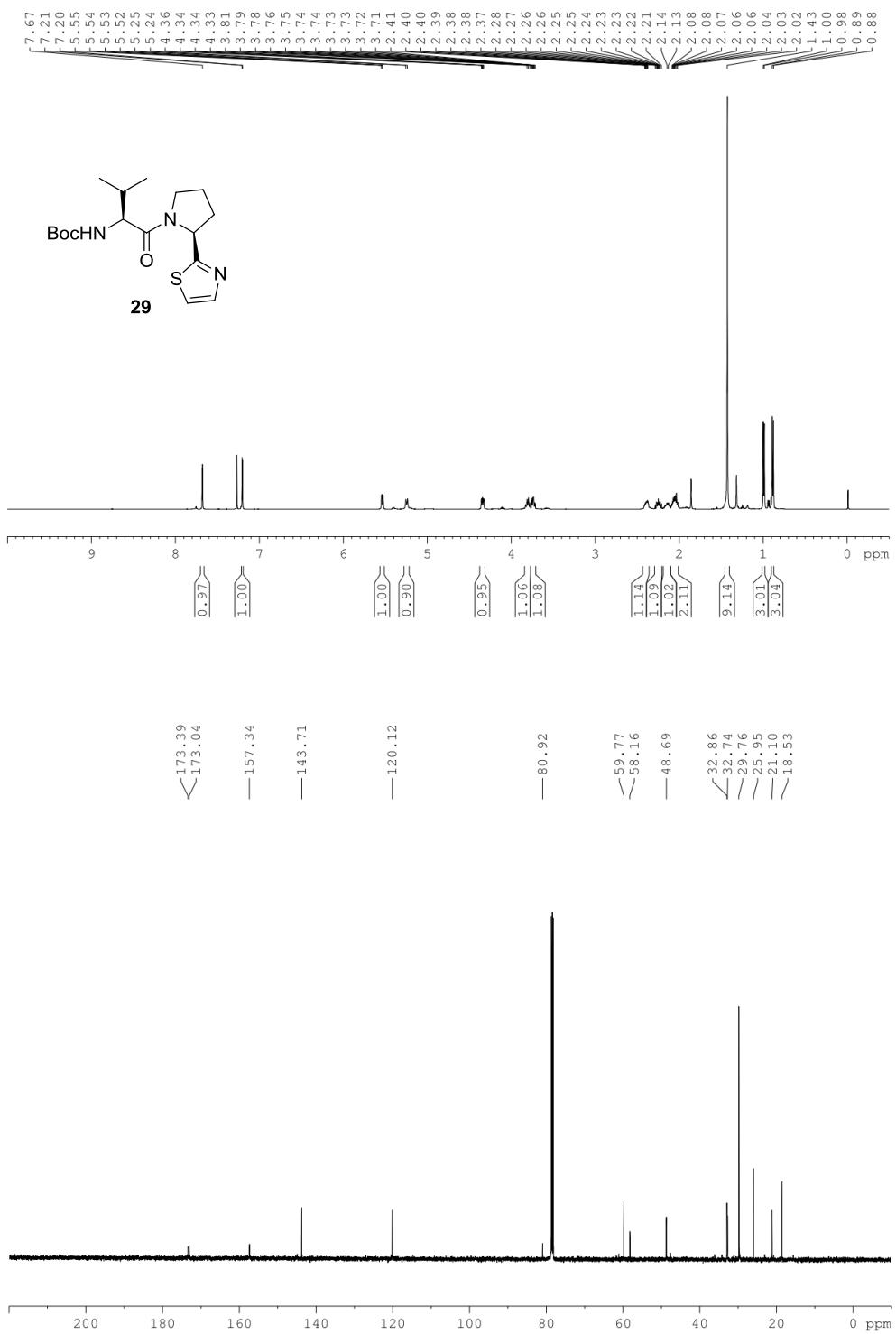


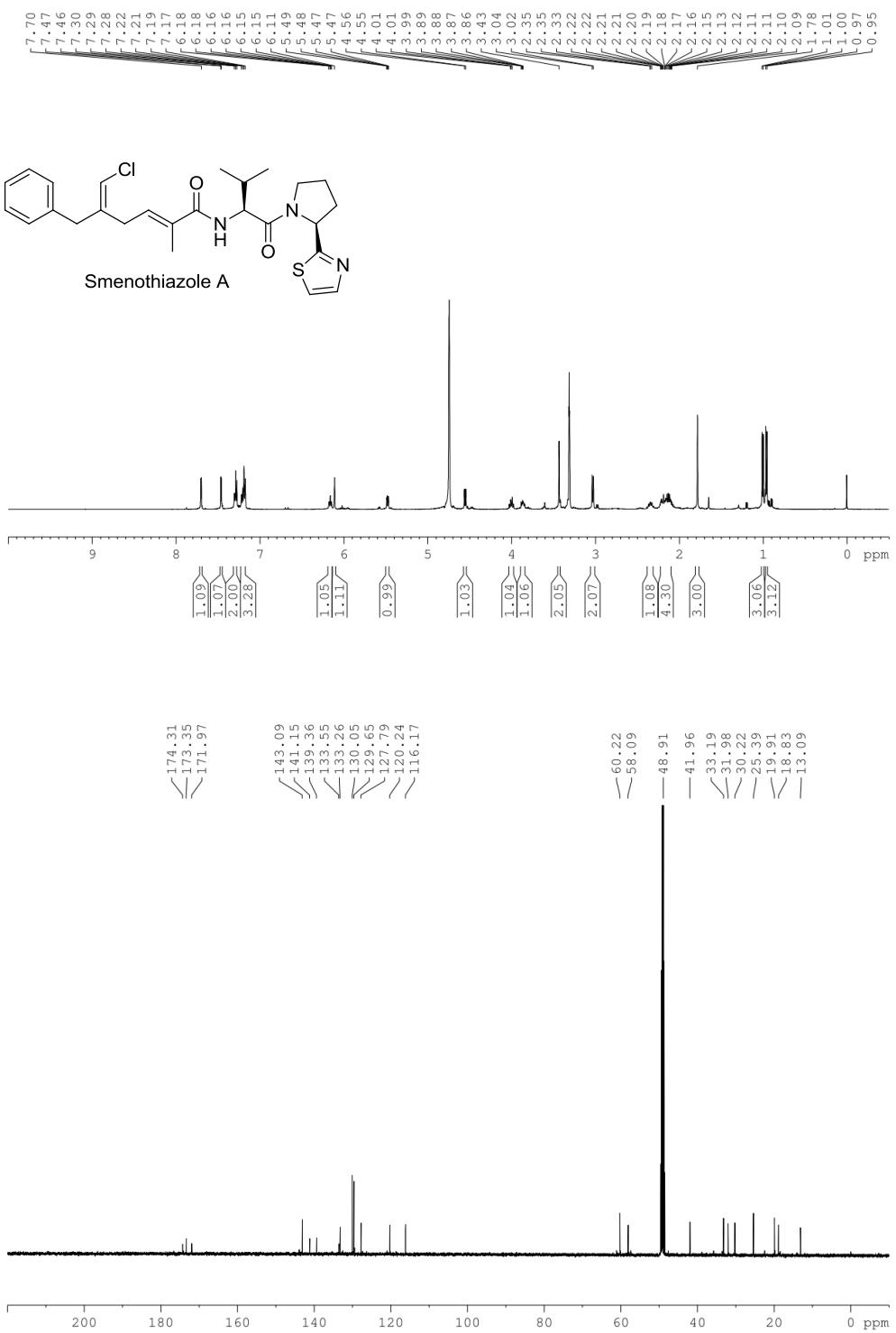
**25 HMBC**

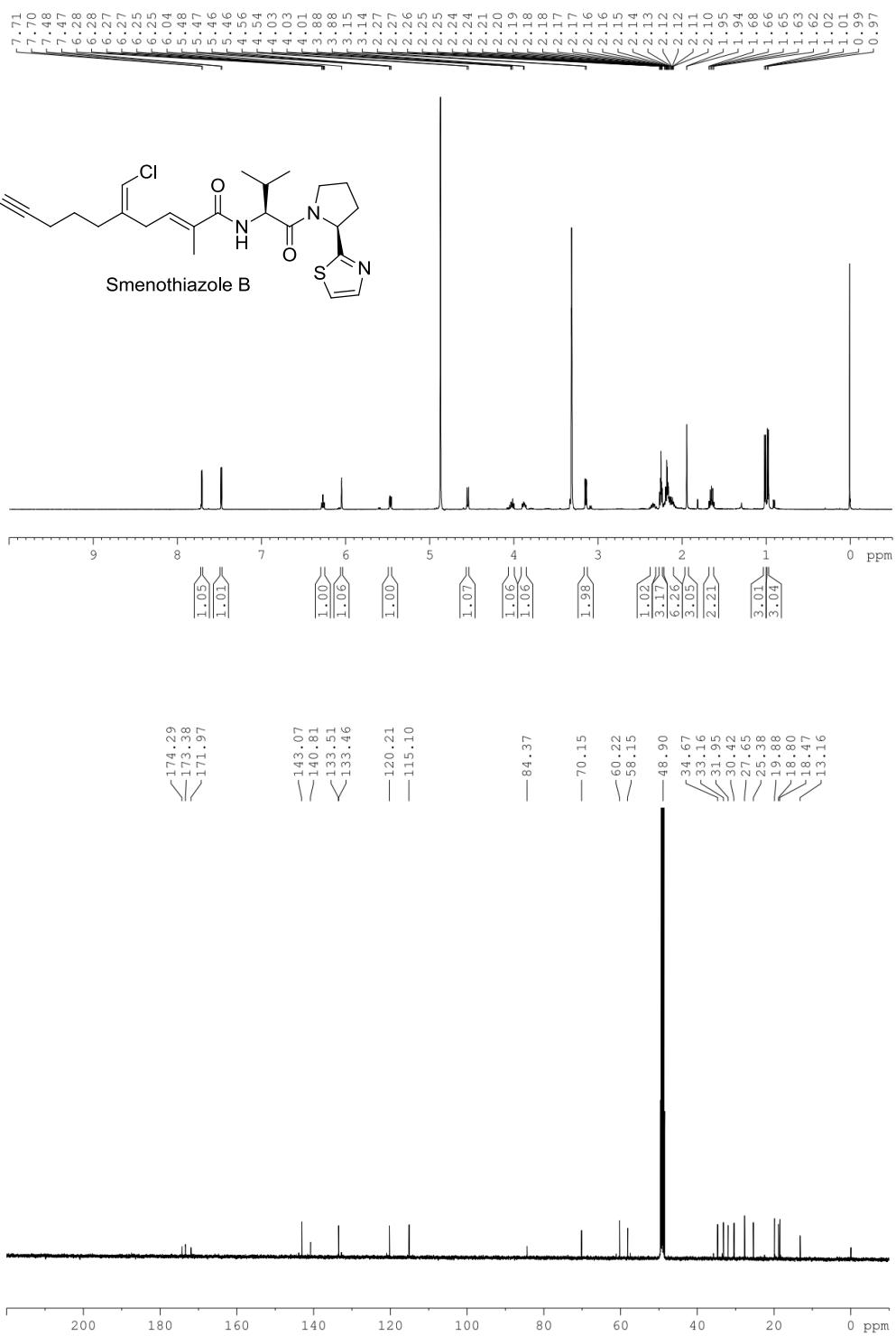


**25 NOESY**

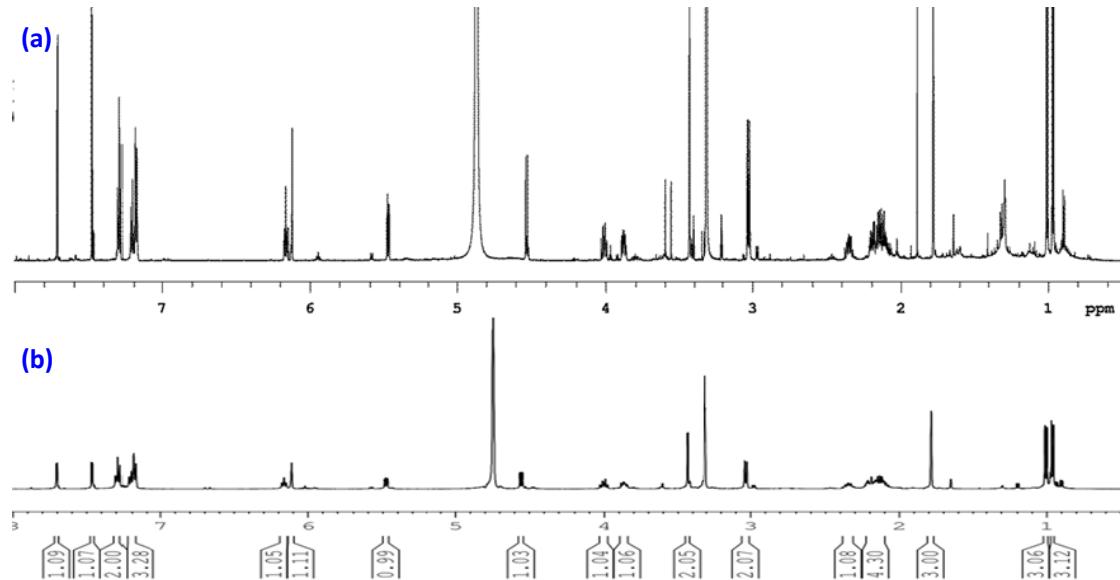








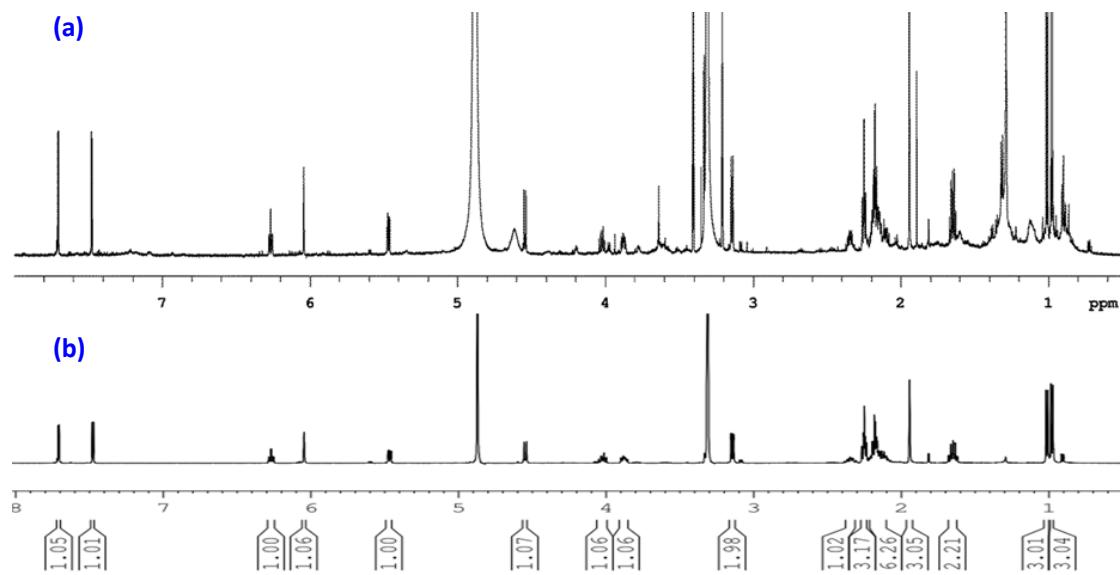
**Comparison of  $^1\text{H}$  NMR of smenothiazole A**



Notes: (a)  $^1\text{H}$  NMR spectrum of smenothiazole A (**1**) ( $\text{CD}_3\text{OD}$ , 700 MHz), from G. Esposito, R. Teta, R. Miceli, L. S. Ceccarelli, G. D. Sala, R. Camerlingo, E. Iollo, A. Mangoni, G. Pirozzi, V. Costantino, *Mar. Drugs*, 2015, **13**, 444.

(b)  $^1\text{H}$  NMR spectrum of smenothiazole A (**1**) ( $\text{CD}_3\text{OD}$ , 500 MHz), synthetic sample.

**Comparison of  $^1\text{H}$  NMR of smenothiazole B**



Notes: (a)  $^1\text{H}$  NMR spectrum of smenothiazole B (**2**) ( $\text{CD}_3\text{OD}$ , 700 MHz), from G. Esposito, R. Teta, R. Miceli, L. S. Ceccarelli, G. D. Sala, R. Camerlingo, E. Irollo, A. Mangoni, G. Pirozzi, V. Costantino, *Mar. Drugs*, 2015, **13**, 444.

(b)  $^1\text{H}$  NMR spectrum of smenothiazole B (**2**) ( $\text{CD}_3\text{OD}$ , 500 MHz), synthetic sample.