

Supporting Information

The Organocatalytic [3+2] Cycloaddition of Azomethine Ylides and α,β -Unsaturated Aldehydes as a Convenient Tool for the Enantioselective Synthesis of Highly Substituted Pyrrolizidines and Indolizidines

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and Jose I. Martínez

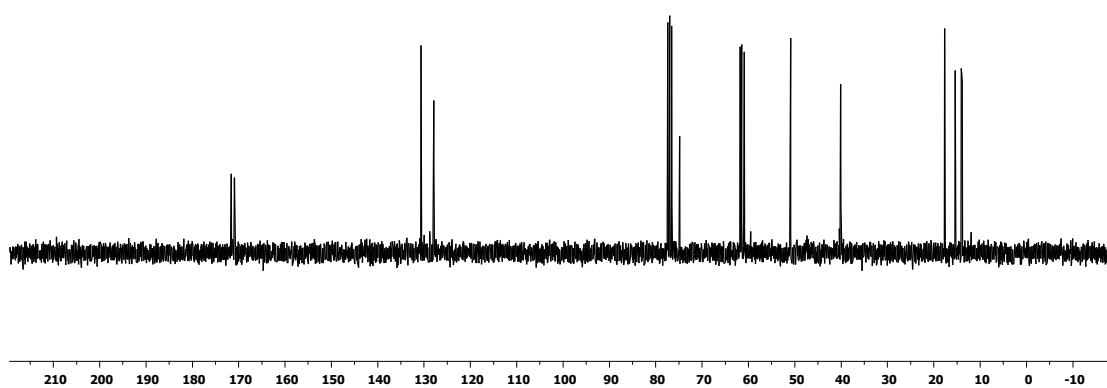
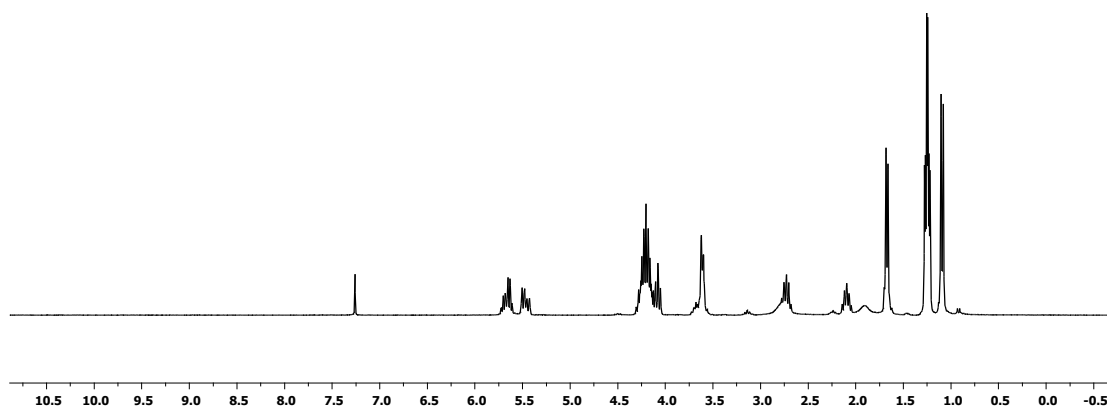
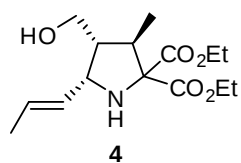
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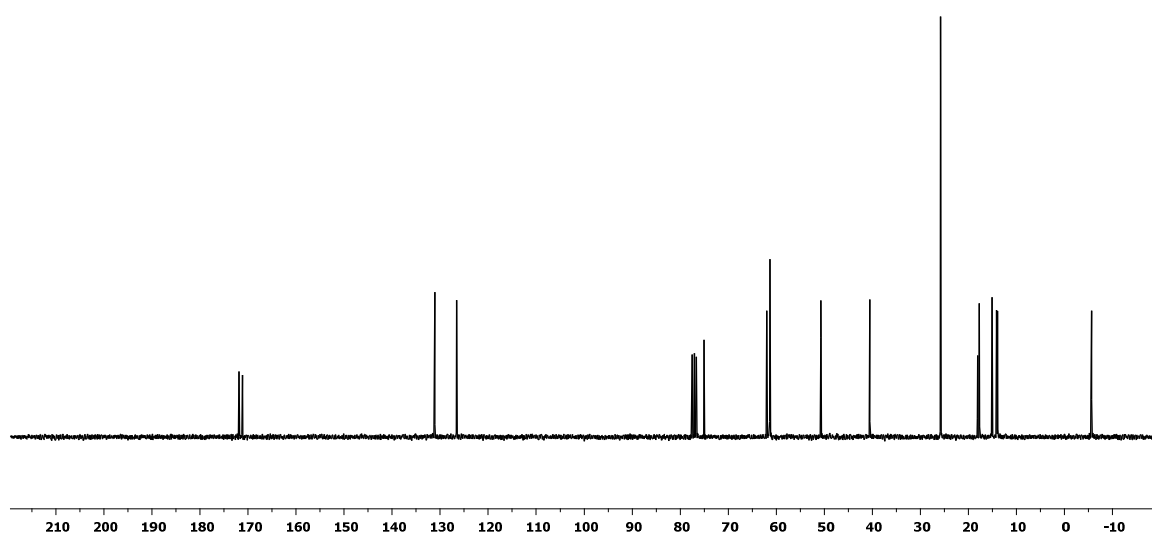
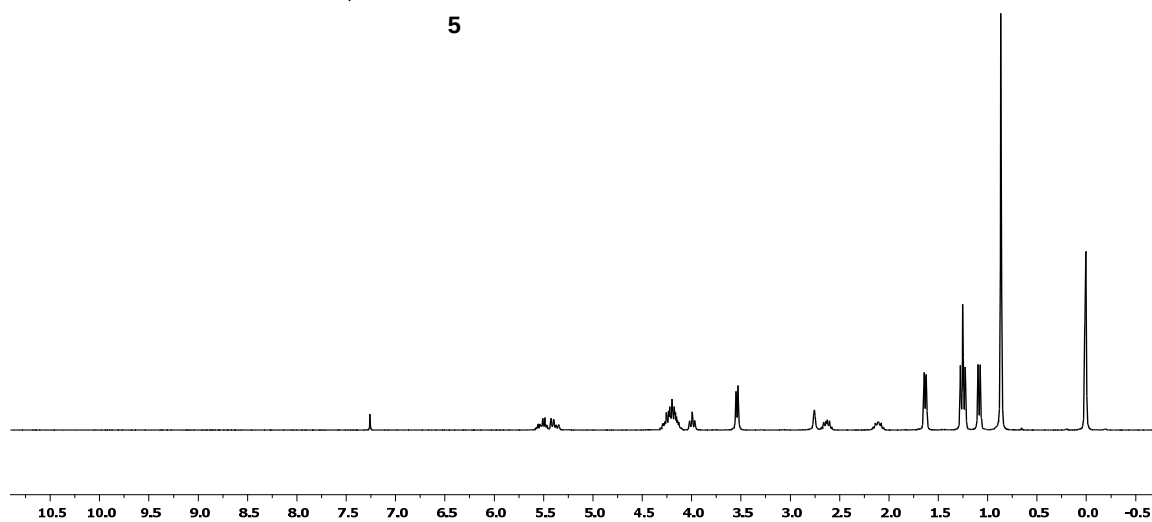
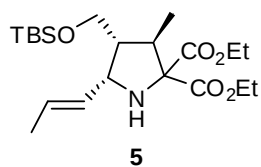
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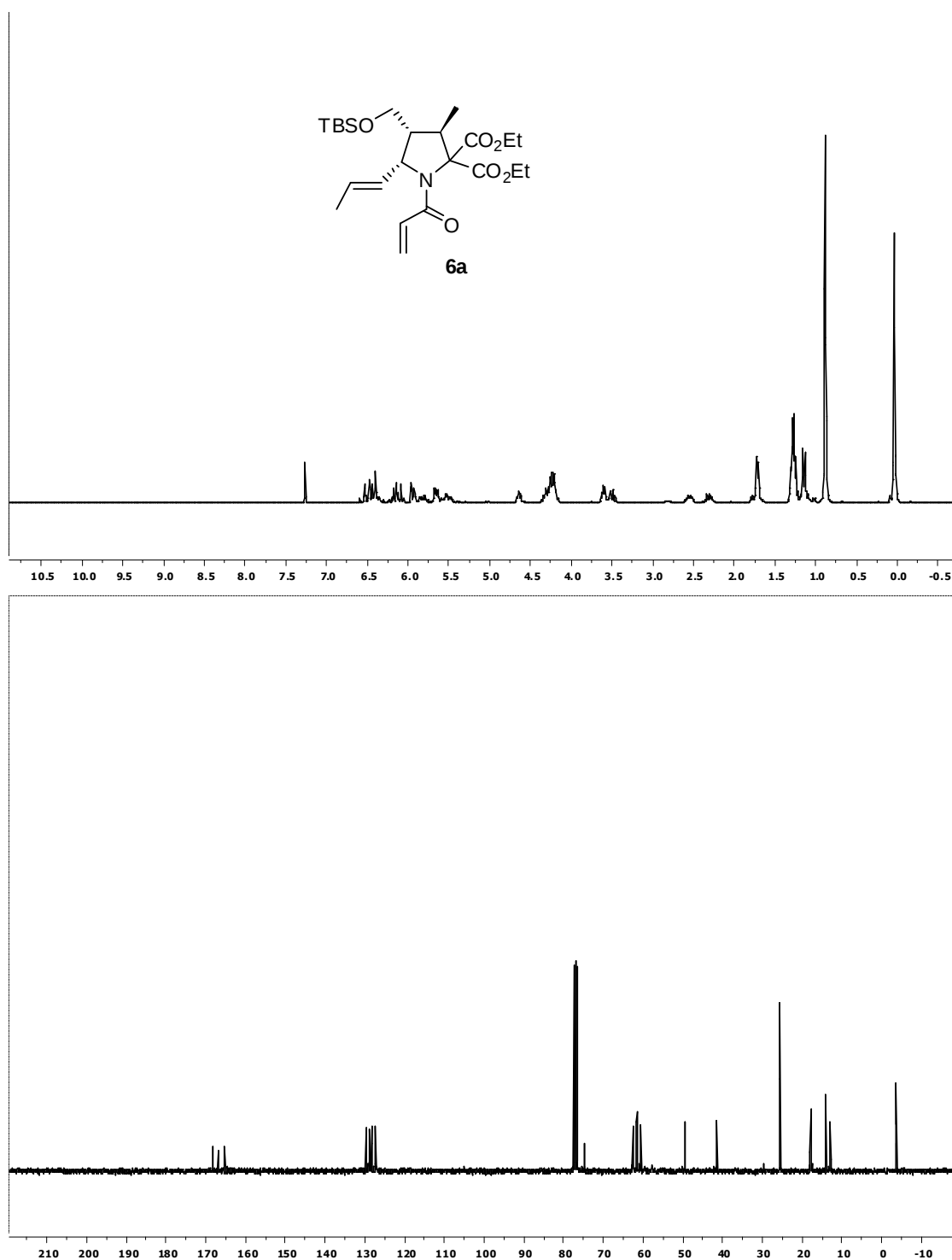
^1H and ^{13}C -NMR spectra of **4**



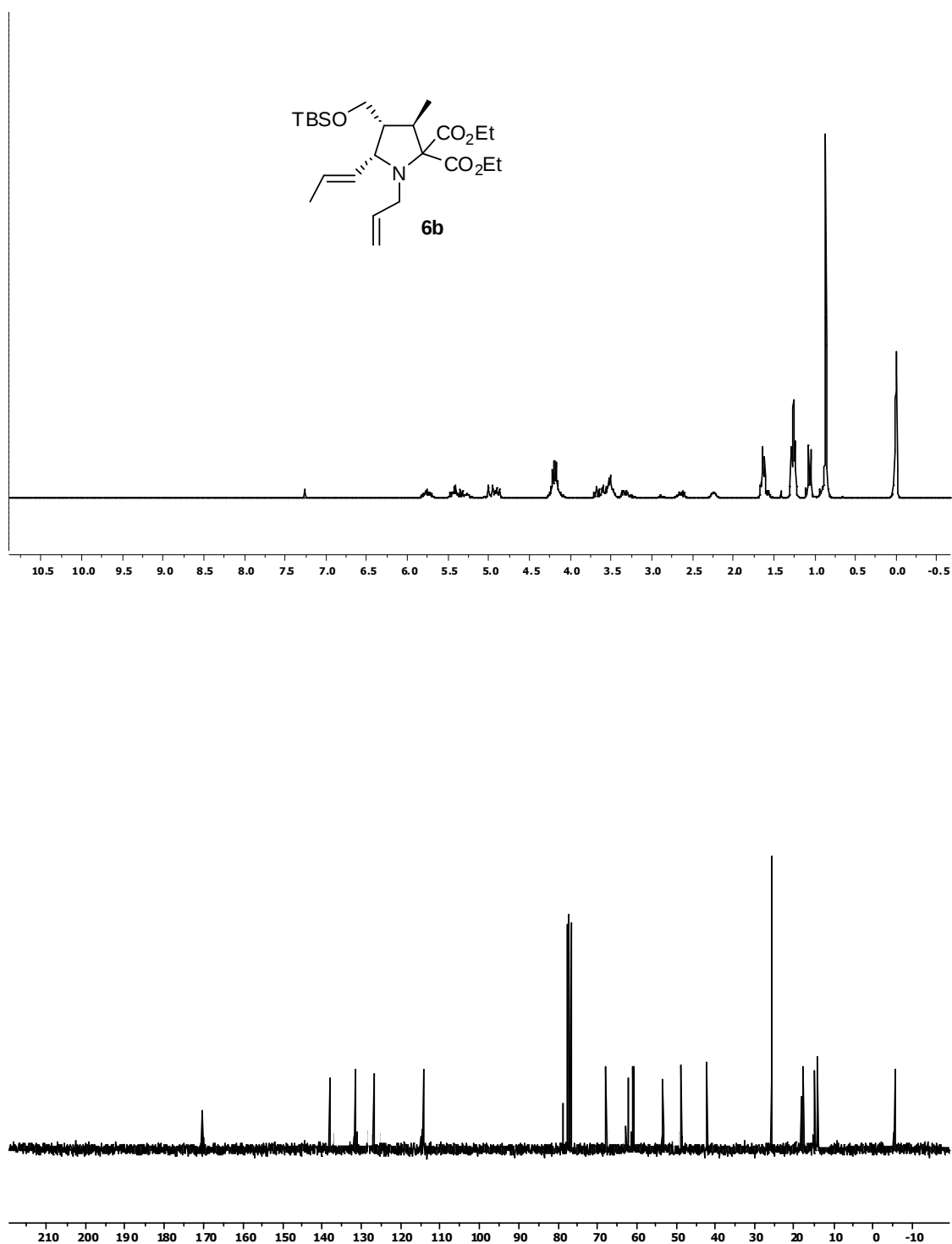
^1H and ^{13}C -NMR spectra of **5**



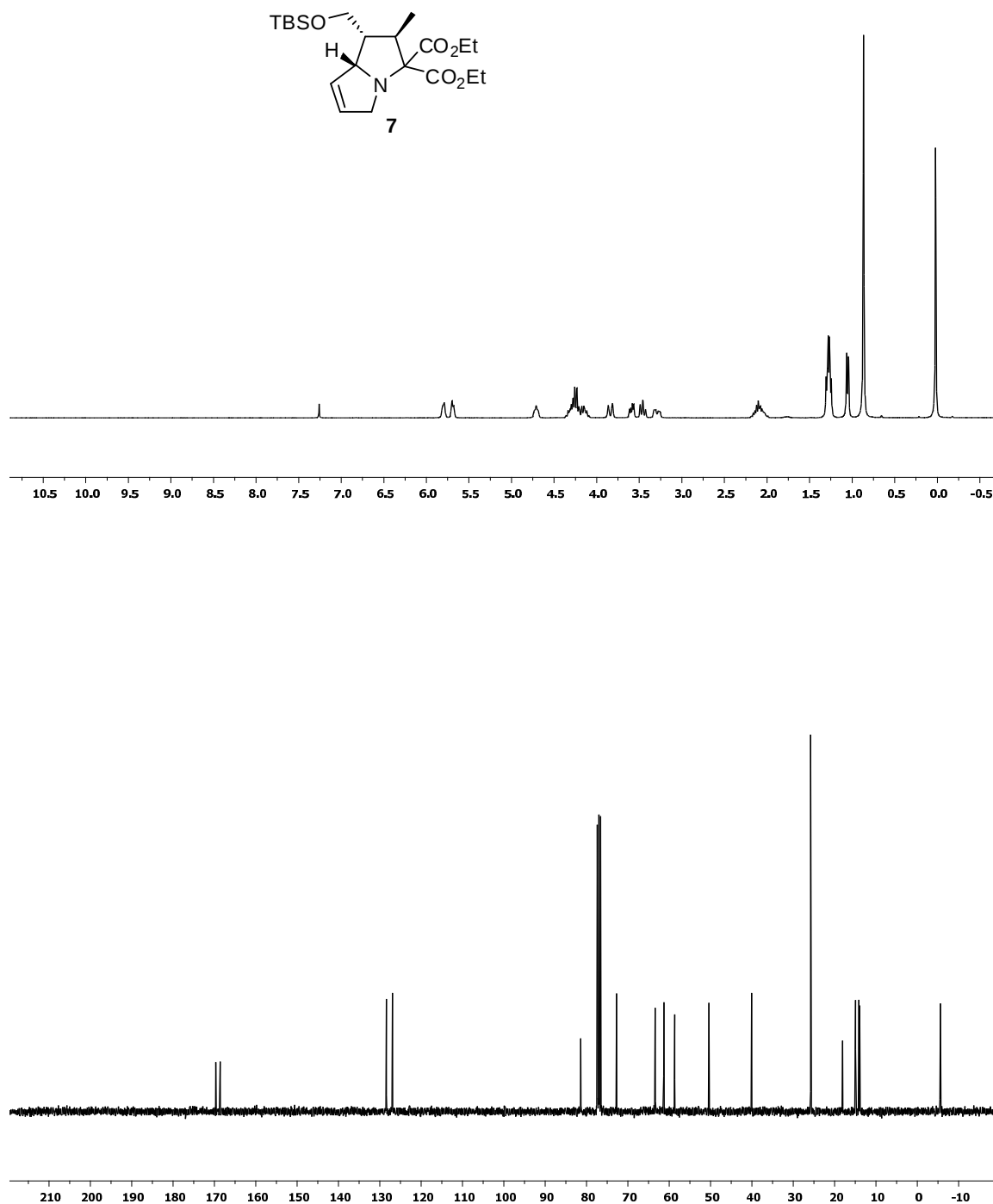
^1H and ^{13}C -NMR spectra of **6a**



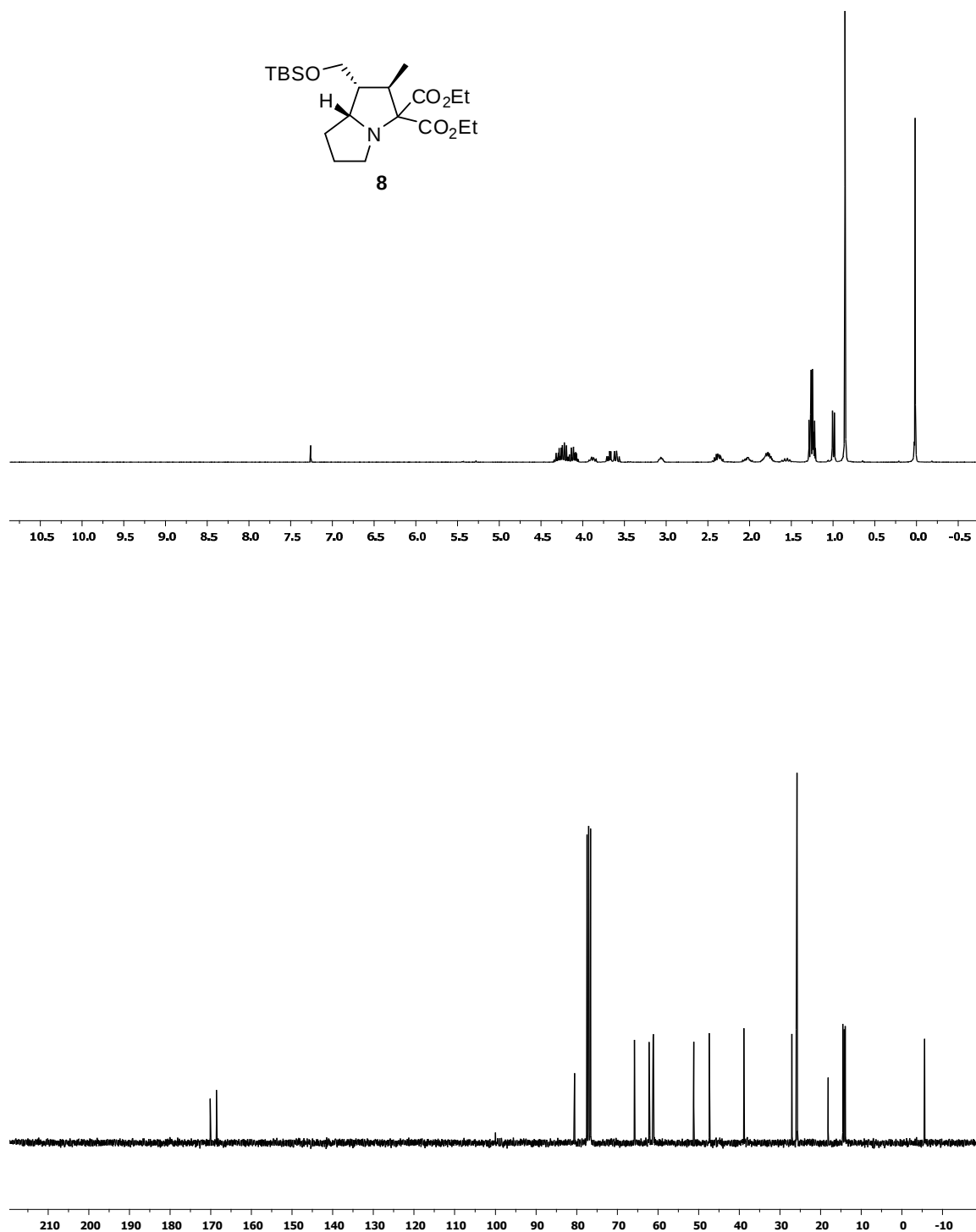
^1H and ^{13}C -NMR spectra of **6b**



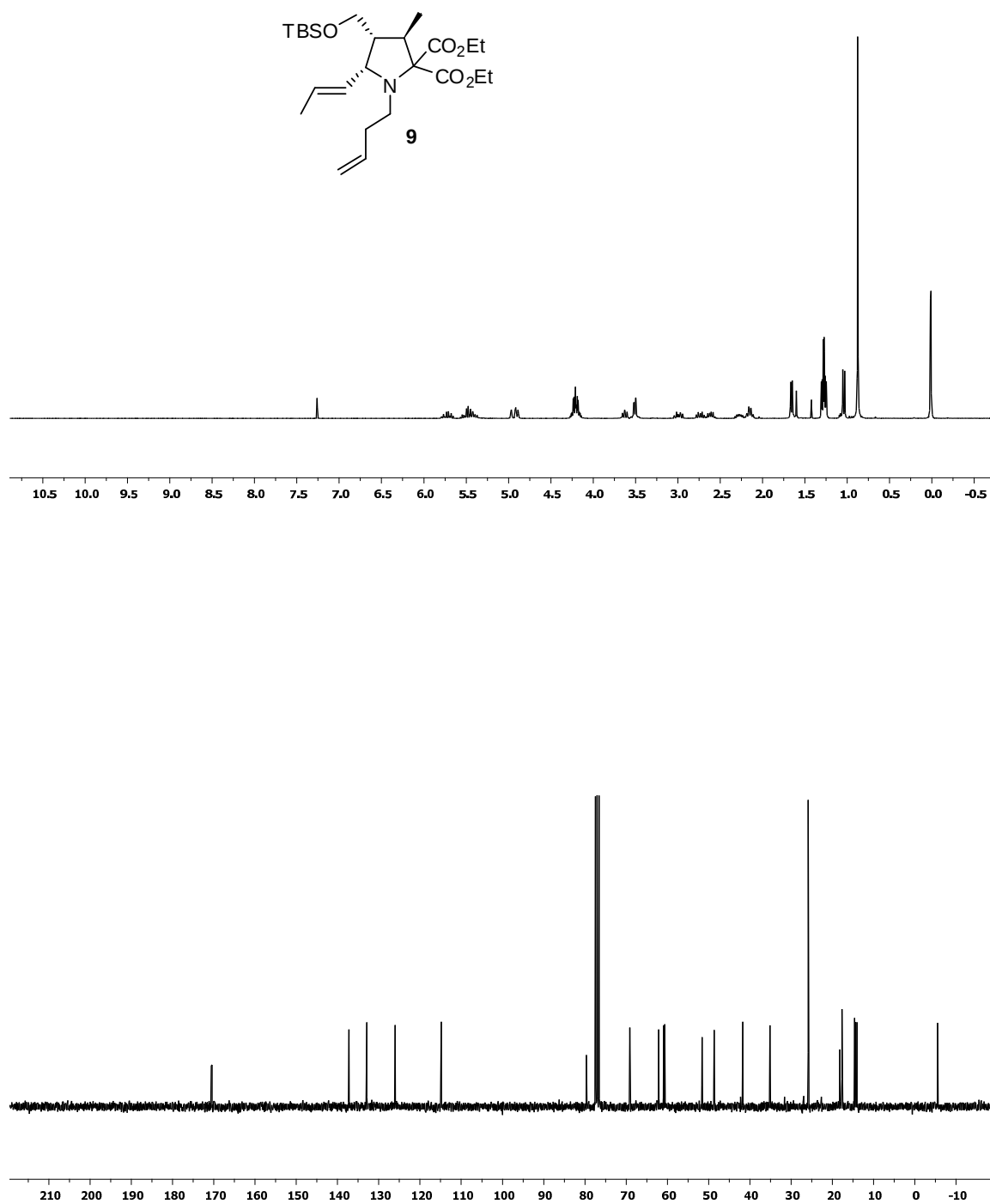
^1H and ^{13}C -NMR spectra of **7**



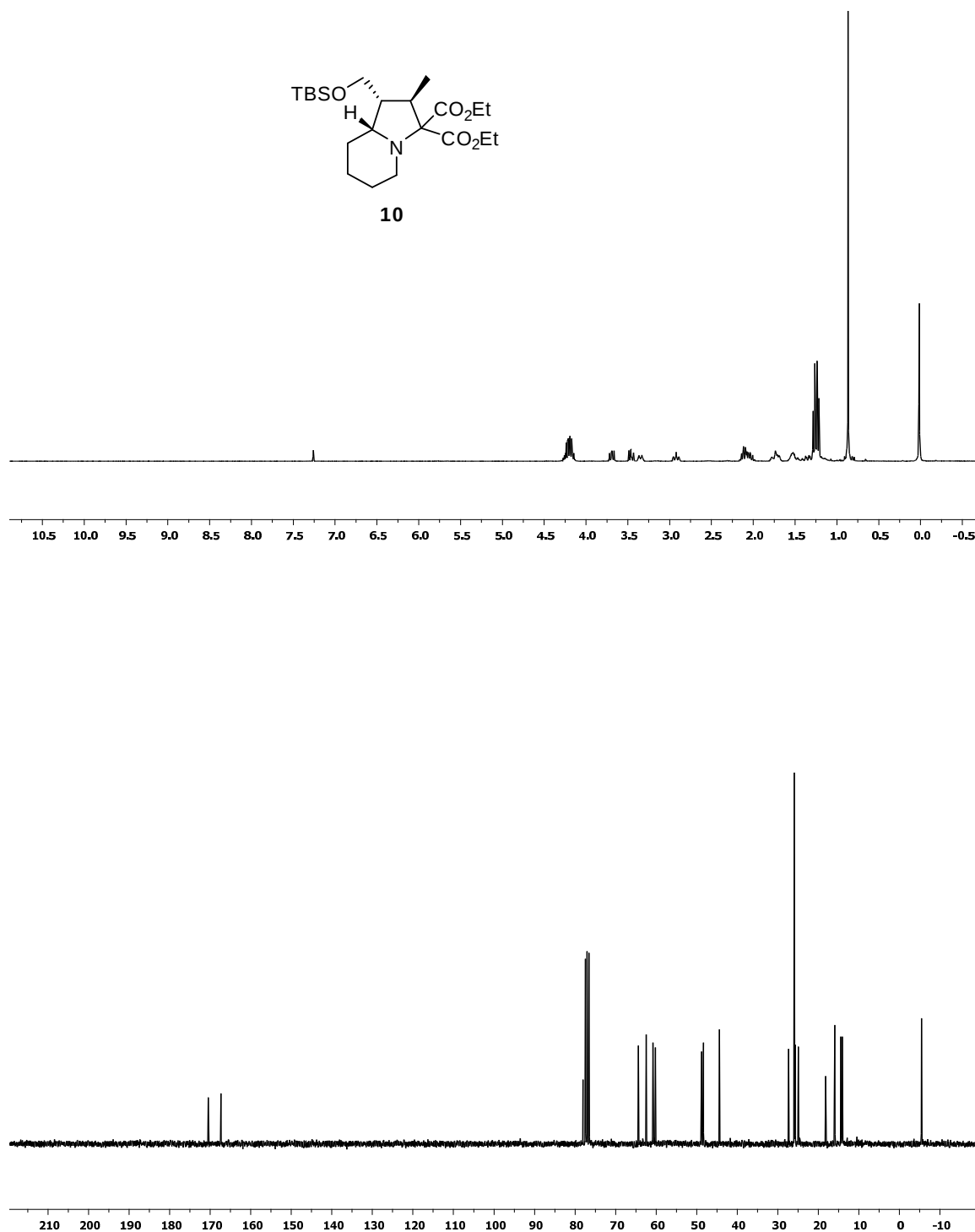
^1H and ^{13}C -NMR spectra of **8**



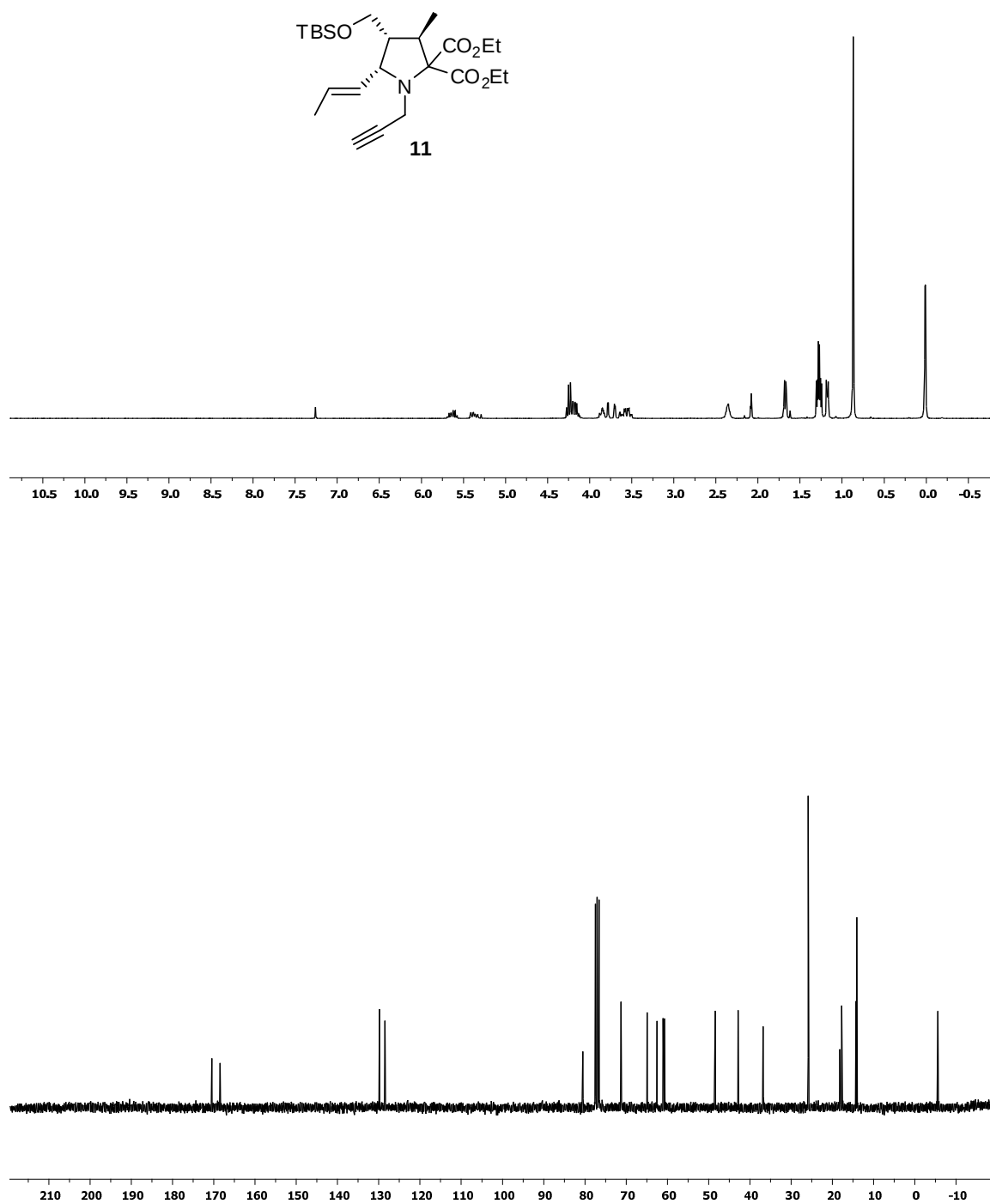
^1H and ^{13}C -NMR spectra of **9**



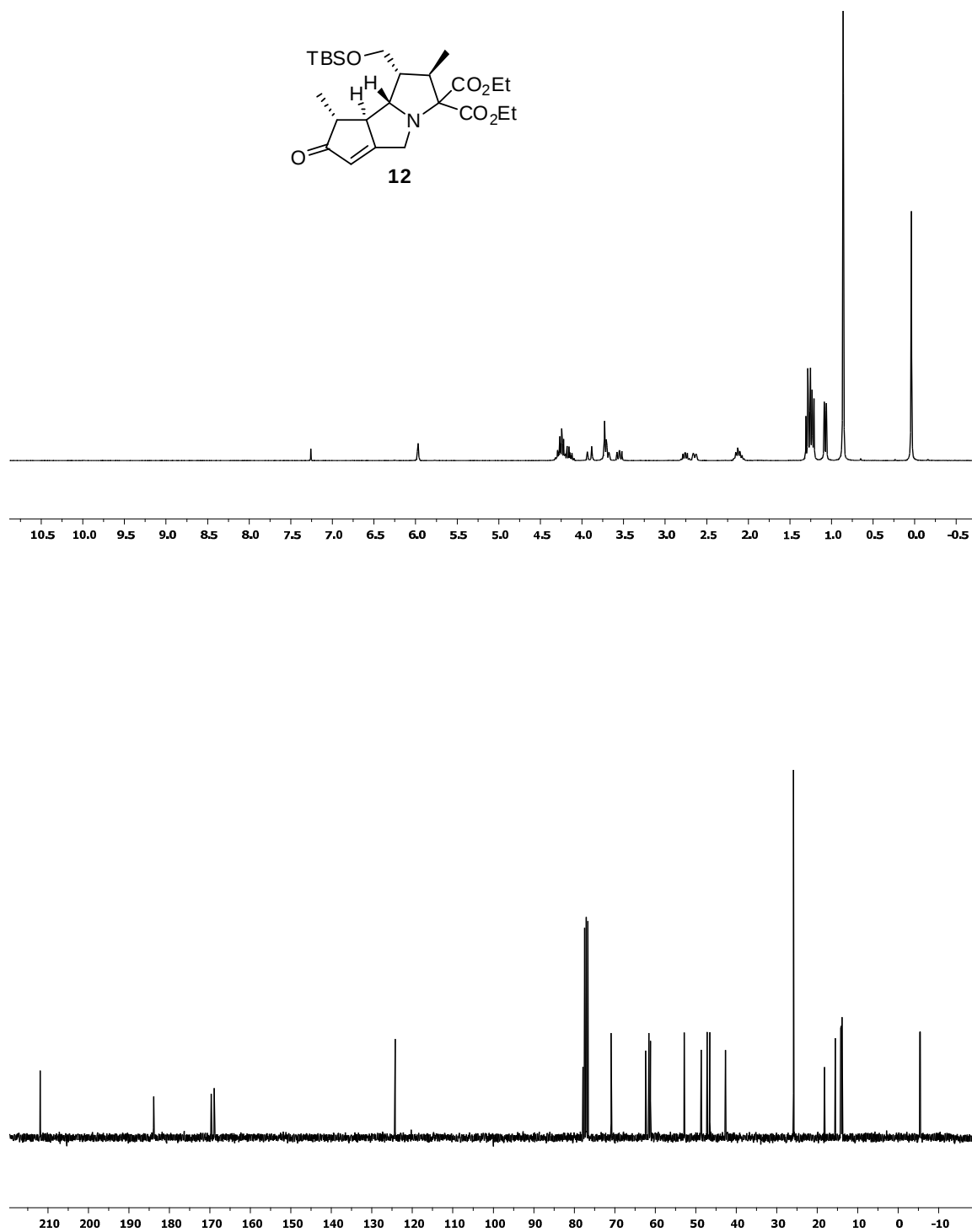
^1H and ^{13}C -NMR spectra of **10**



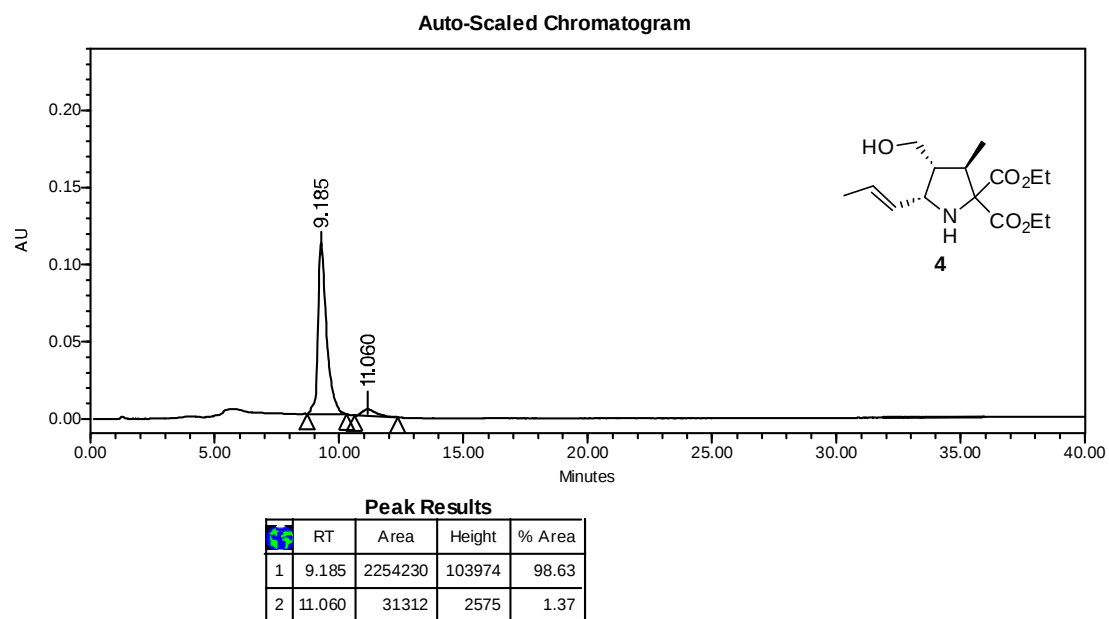
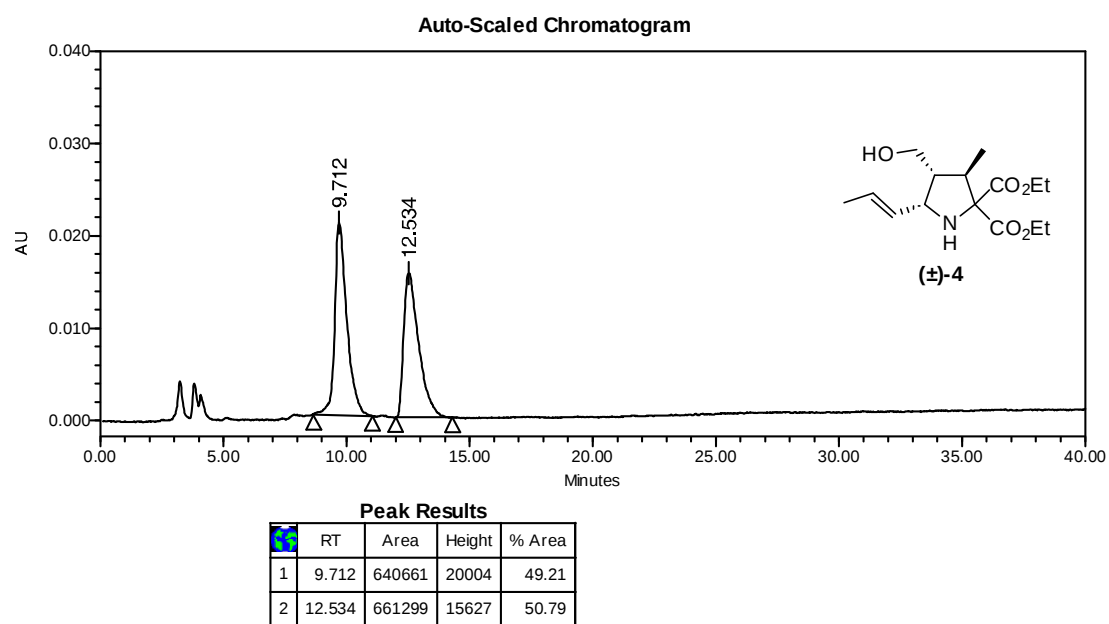
^1H and ^{13}C -NMR spectra of **11**



^1H and ^{13}C -NMR spectra of **12**



HPLC chromatograms racemic and enantiomerically enriched **4**



NOESY experiment of **12**

