

Supplementary Material

Exploitation of the Ugi 5-centre-4-component reaction (U-5C-4CR) for the generation of diverse libraries of polycyclic (spiro)compounds

Lisa Moni¹, Fabio De Moliner¹, Silvia Garbarino¹, Jörn Saupe², Christian Mang^{2*} and Andrea Basso^{1*}

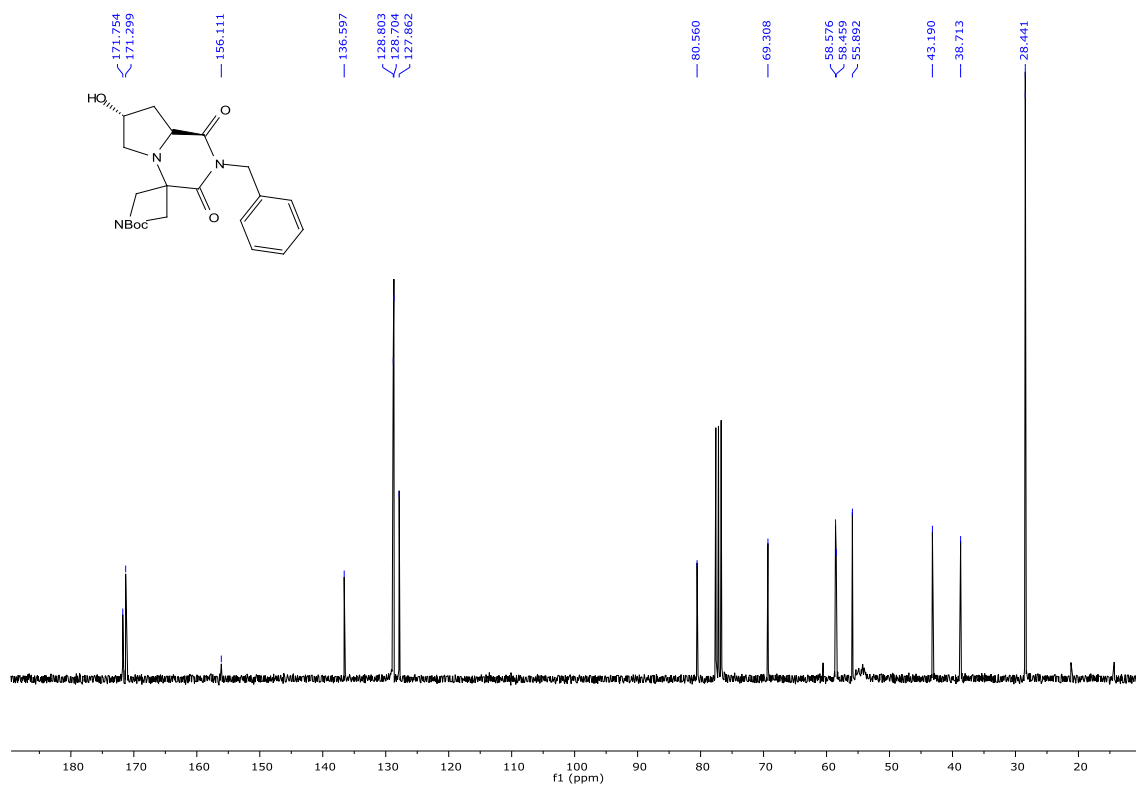
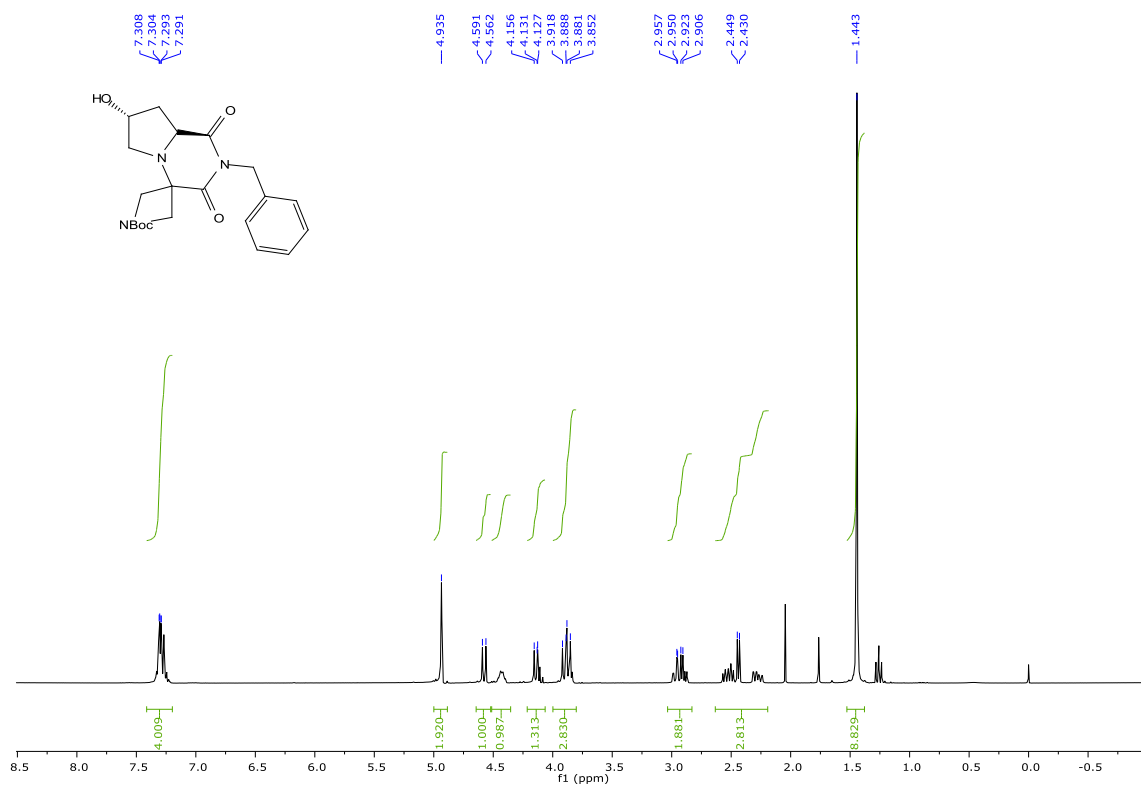
*** Correspondence:**

Christian Mang: c.mang@ac-discovery.com

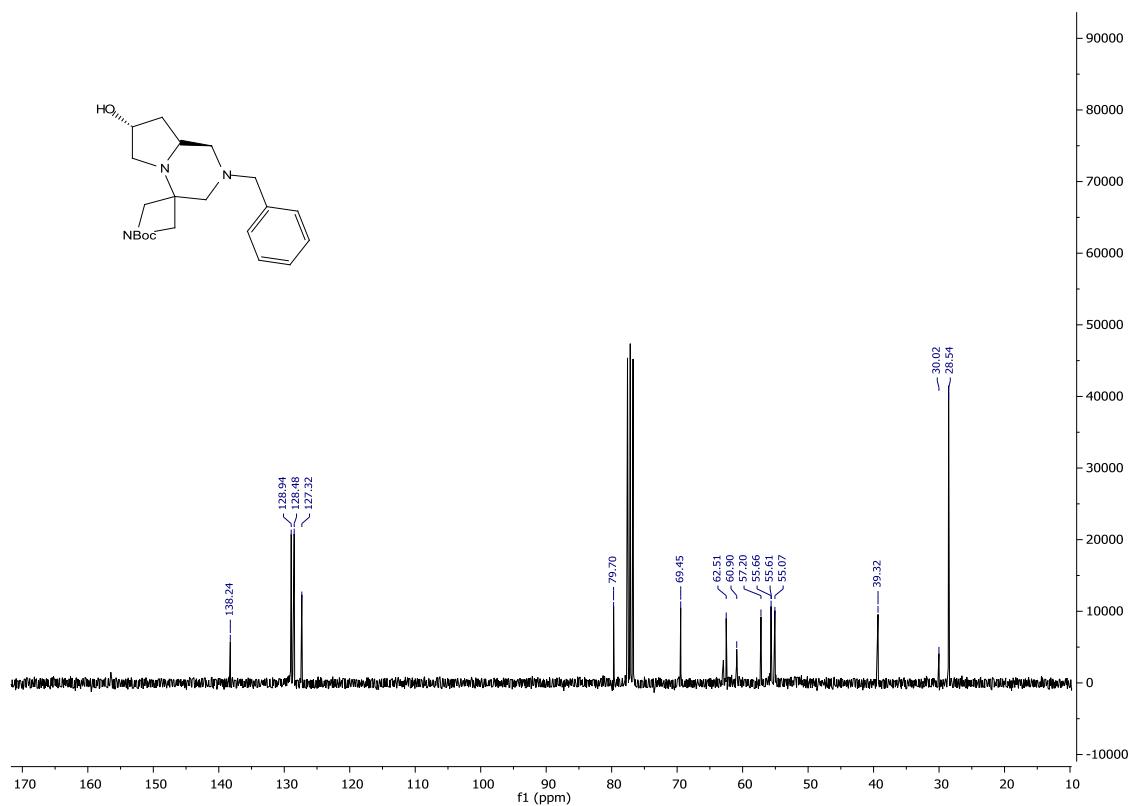
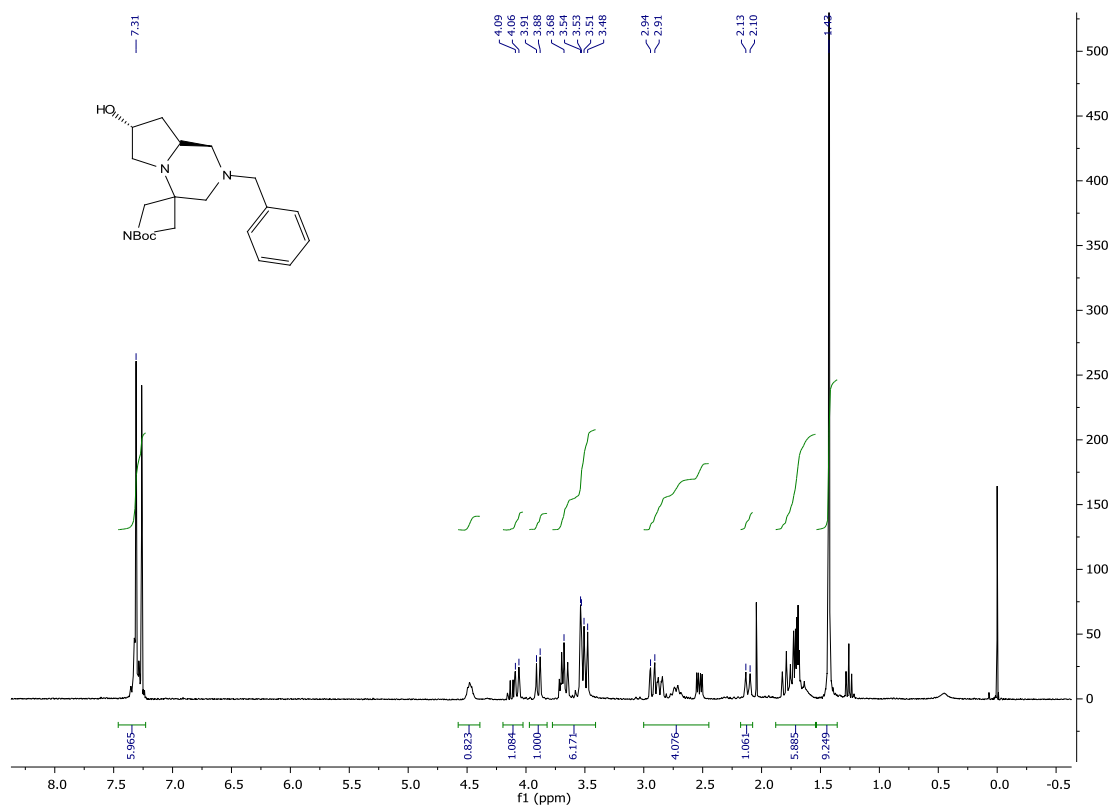
Andrea Basso: andrea.basso@unige.it

¹H-NMR and ¹³C-MR spectra

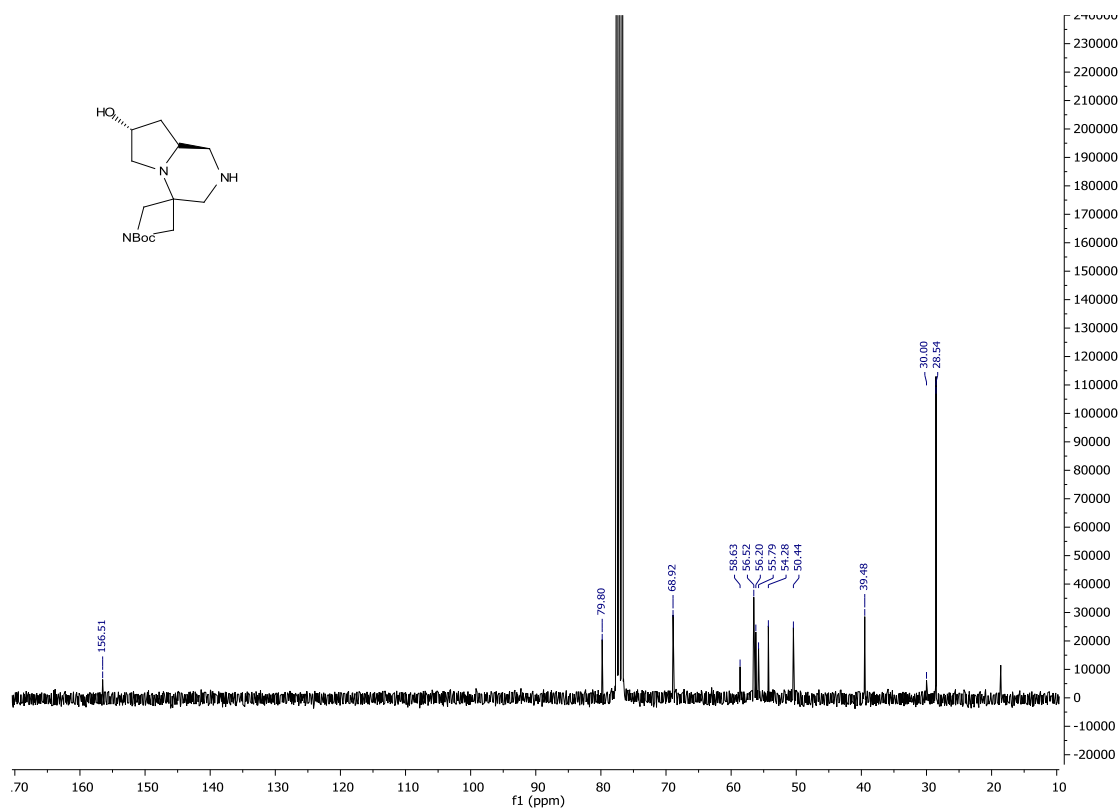
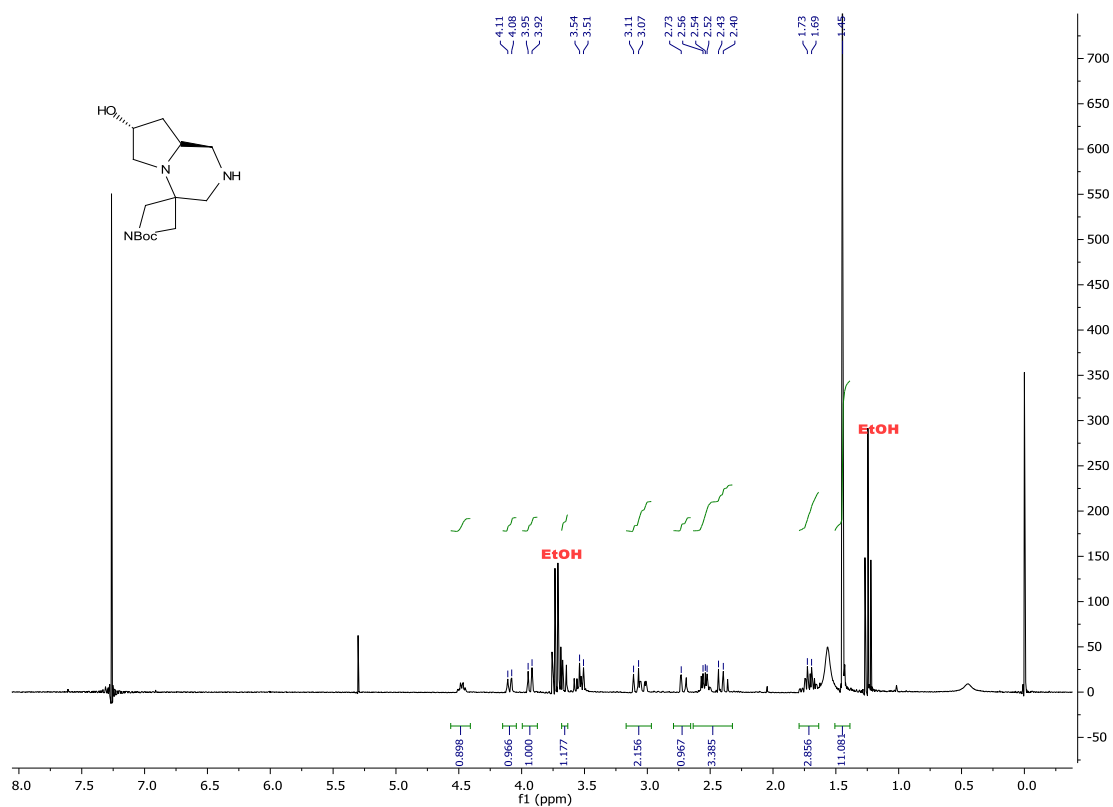
Compound 2



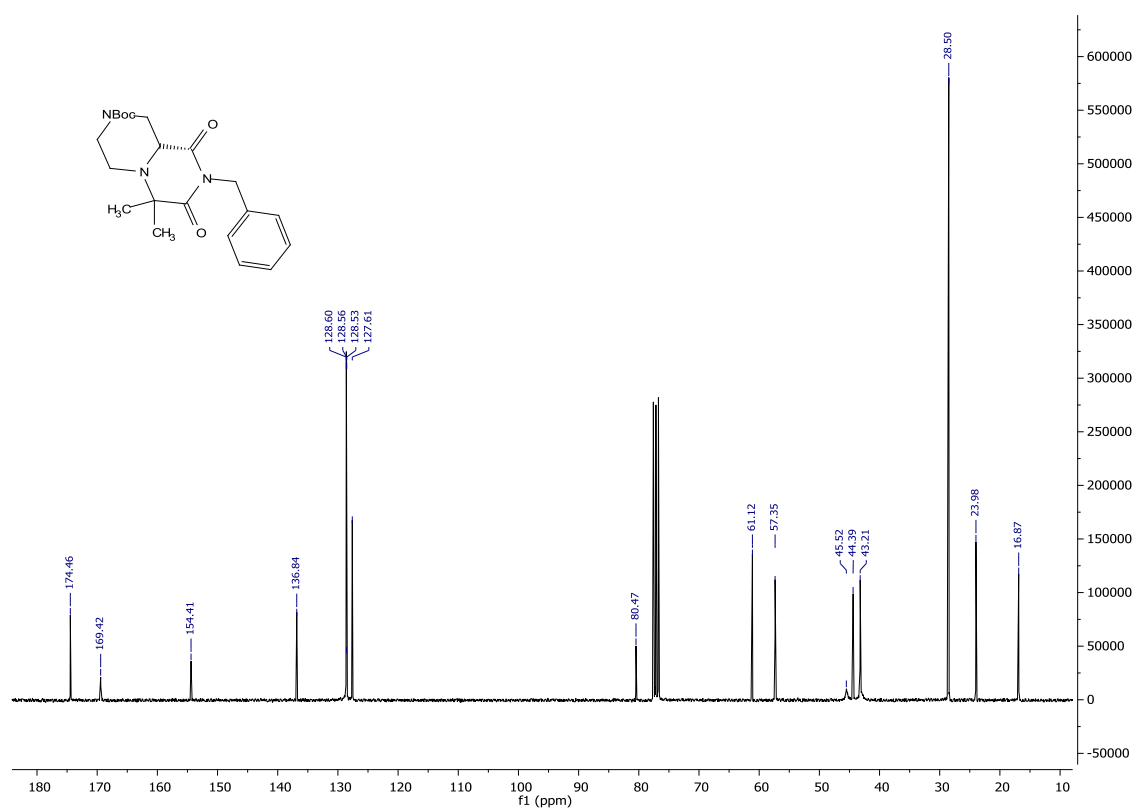
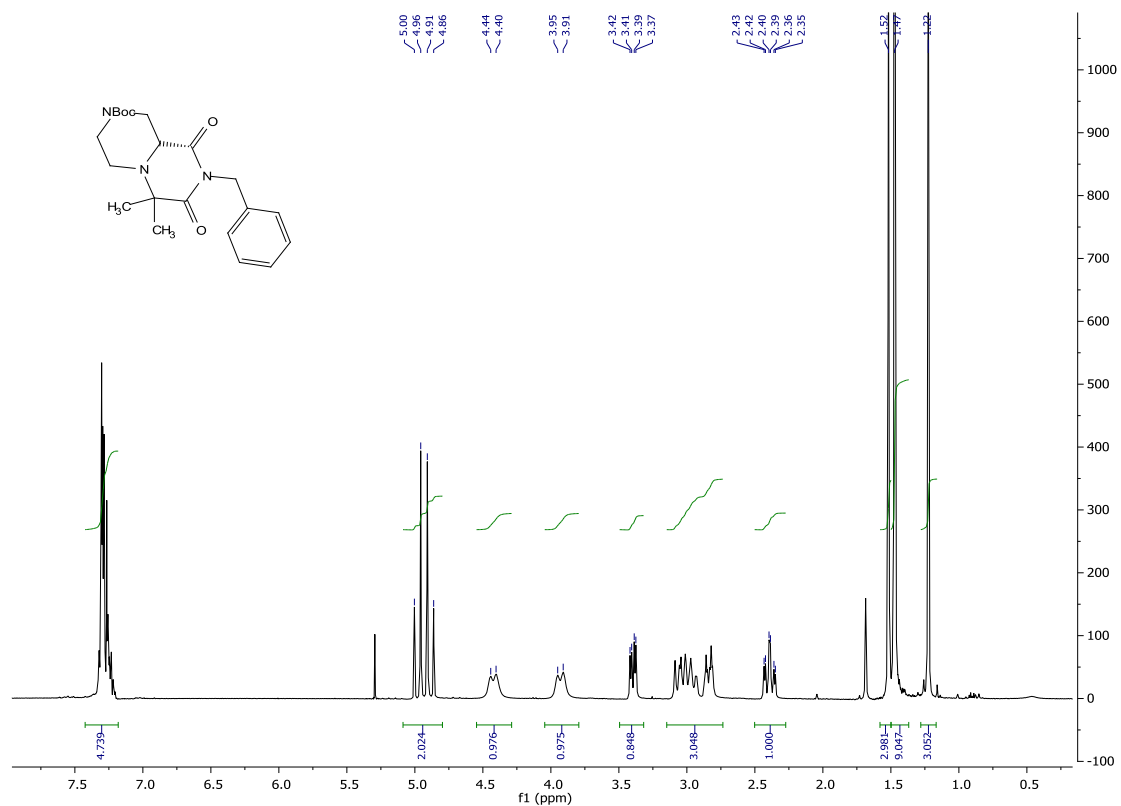
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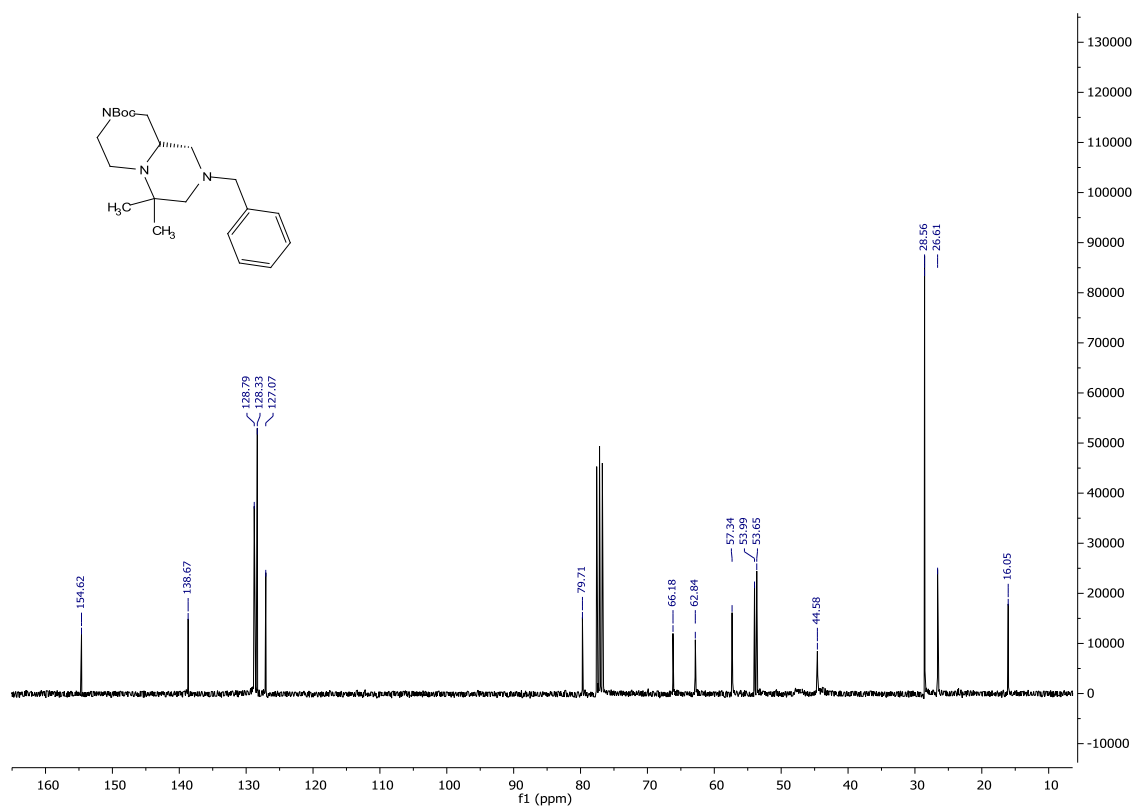
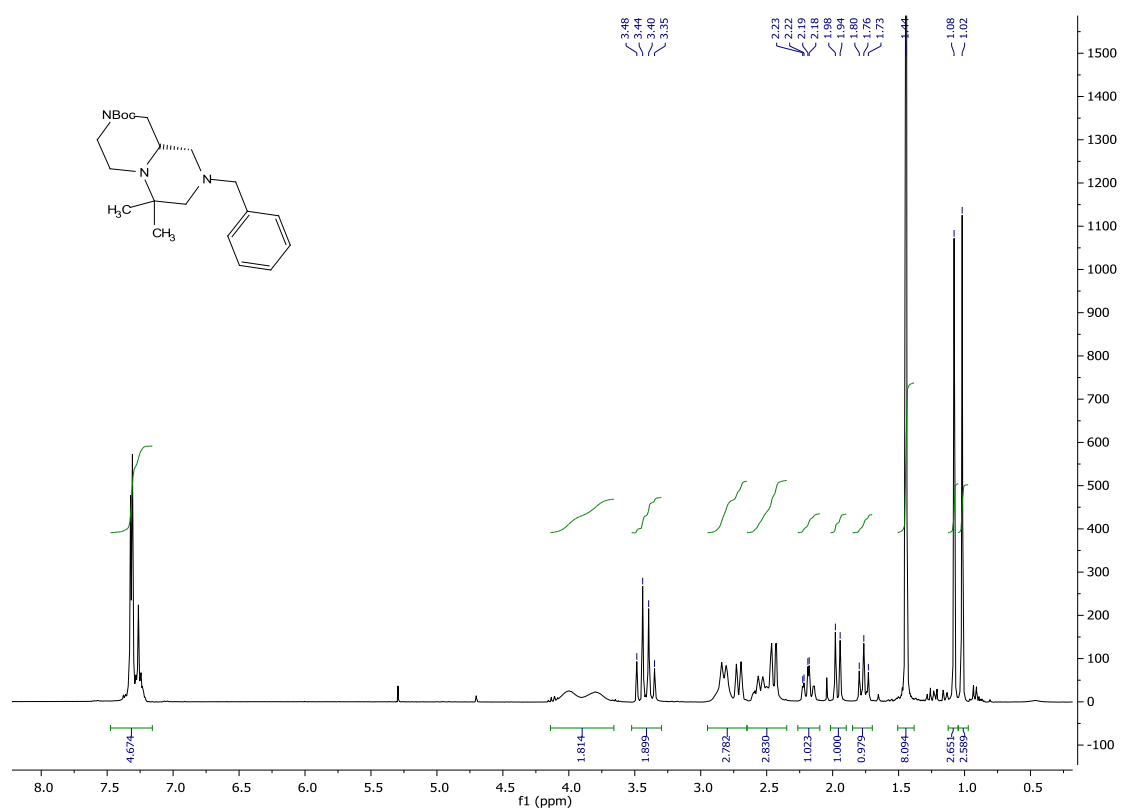
Compound 4



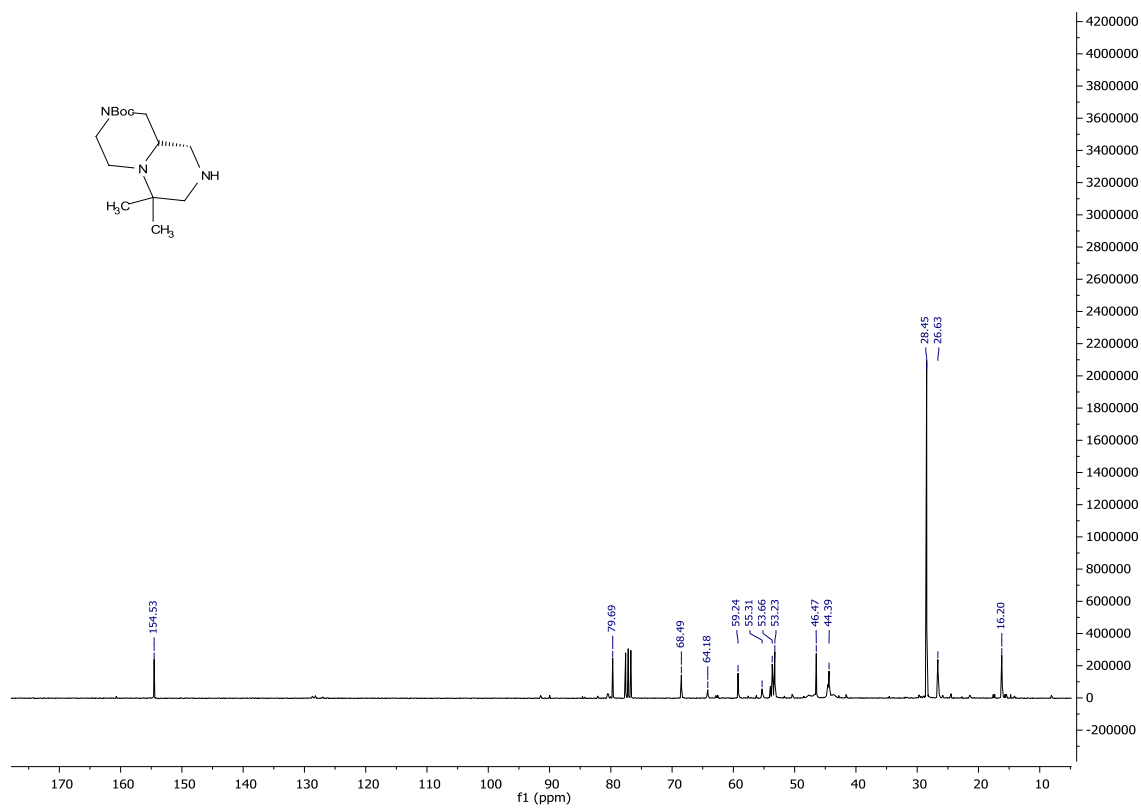
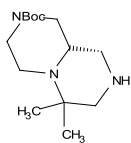
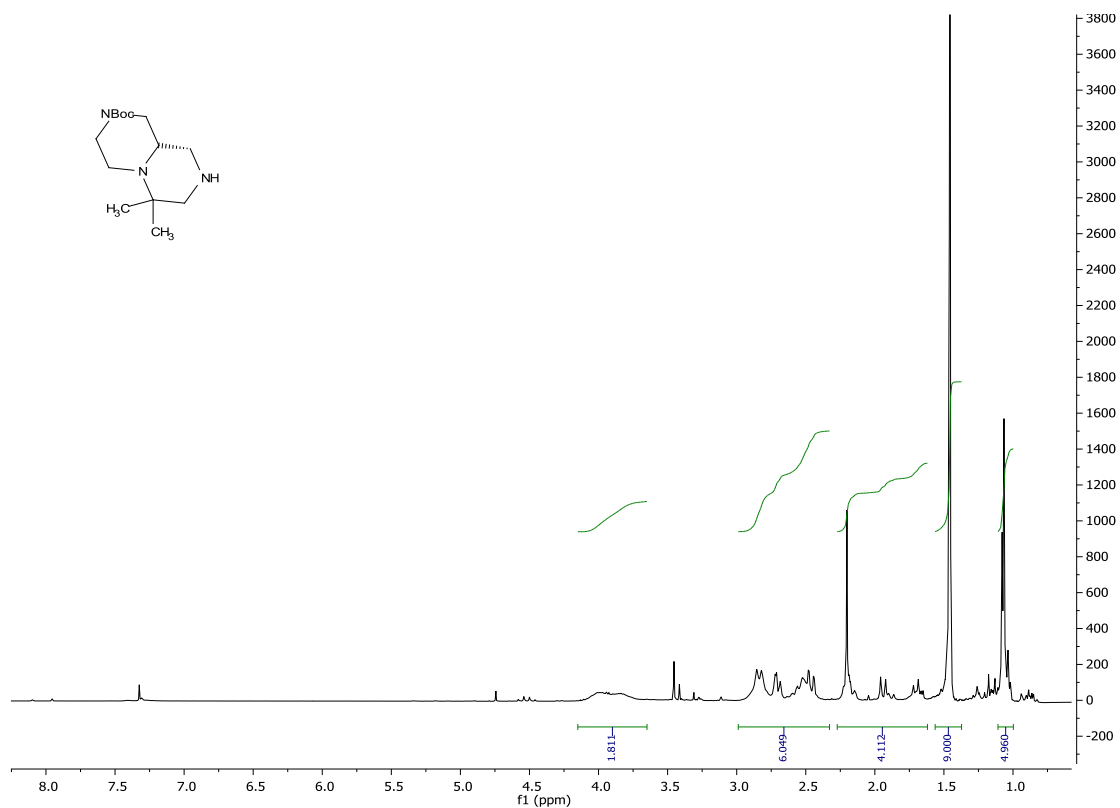
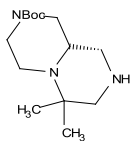
Intermediate in the synthesis of compound 9



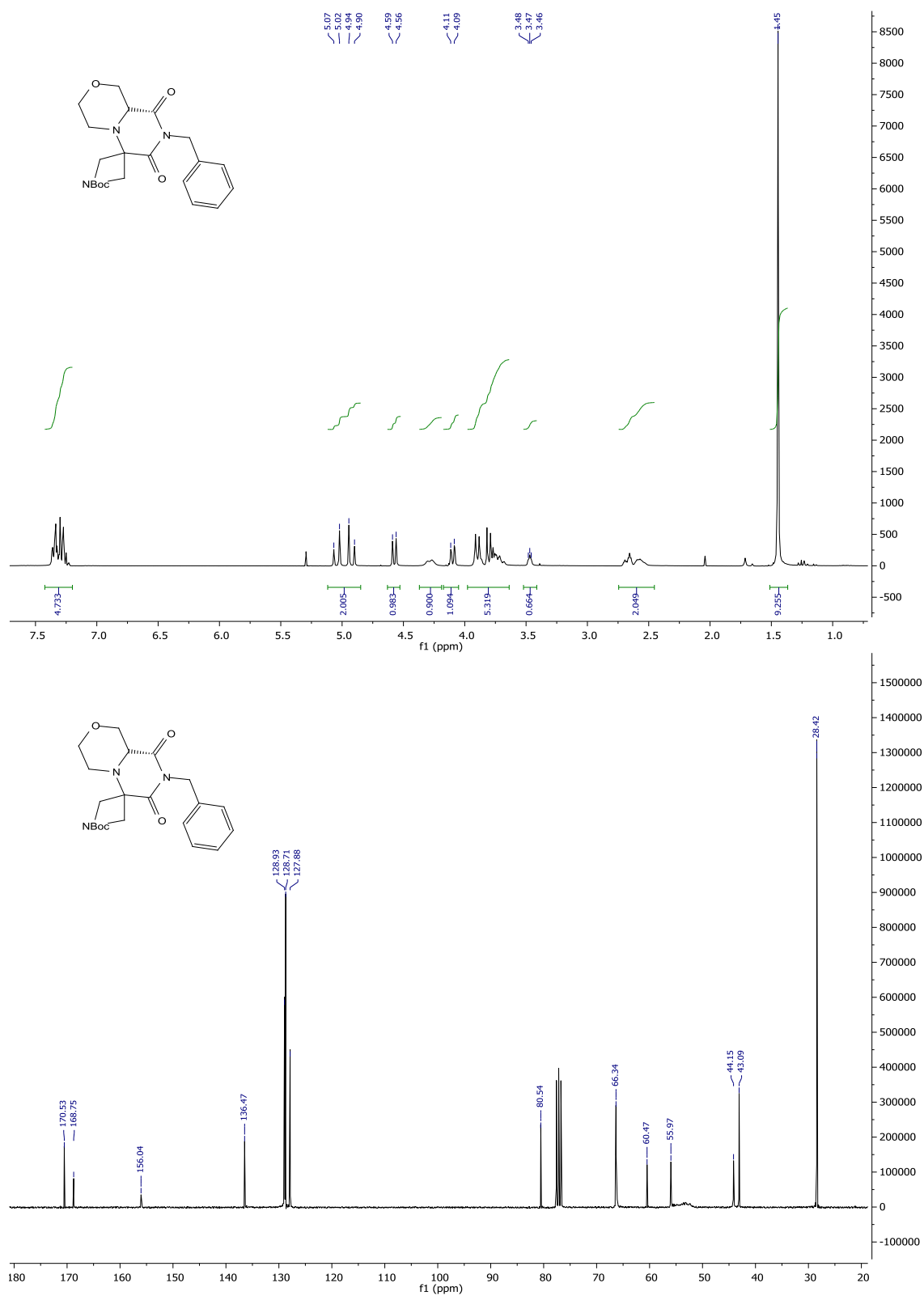
Intermediate in the synthesis of compound 9



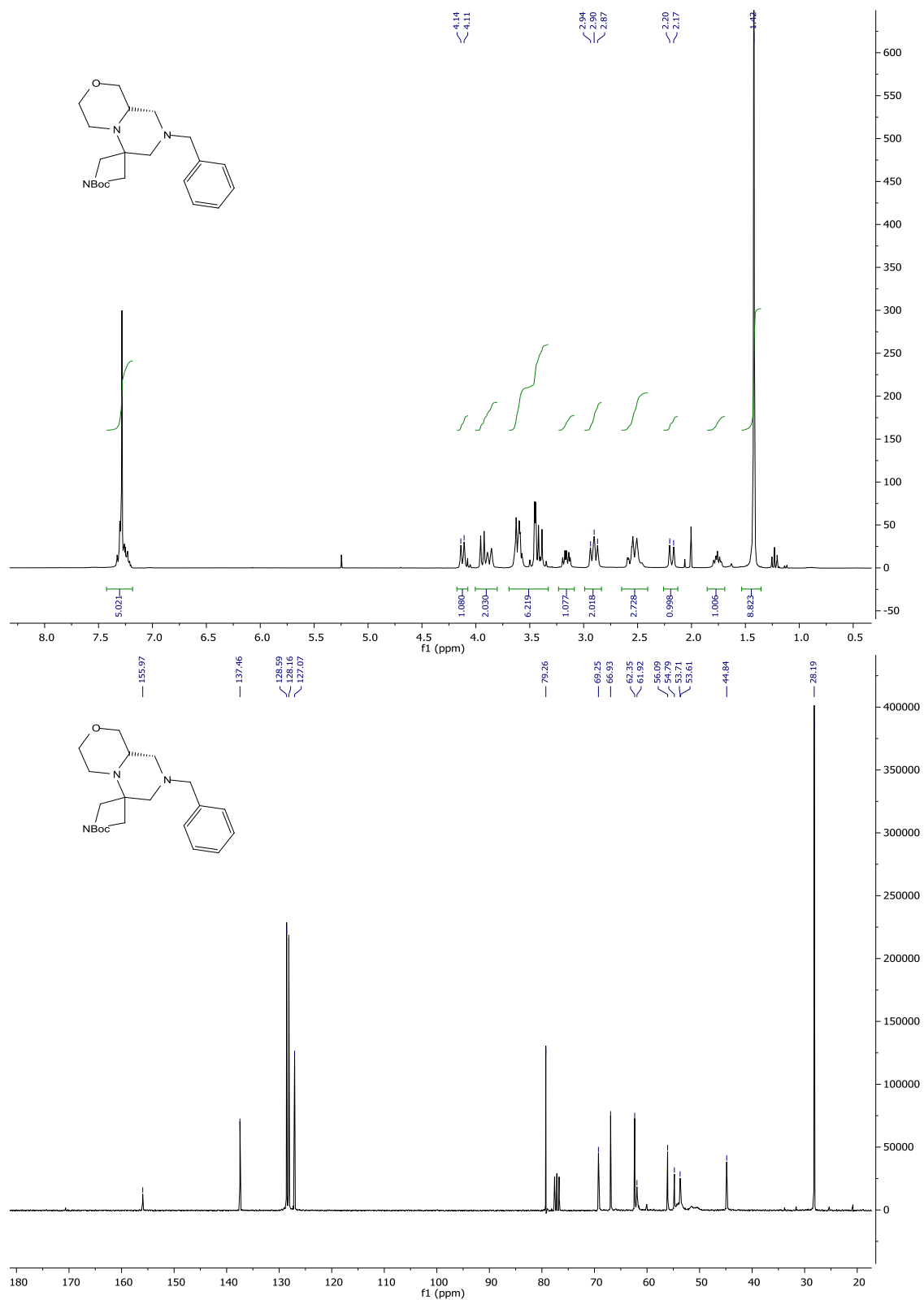
Compound 9



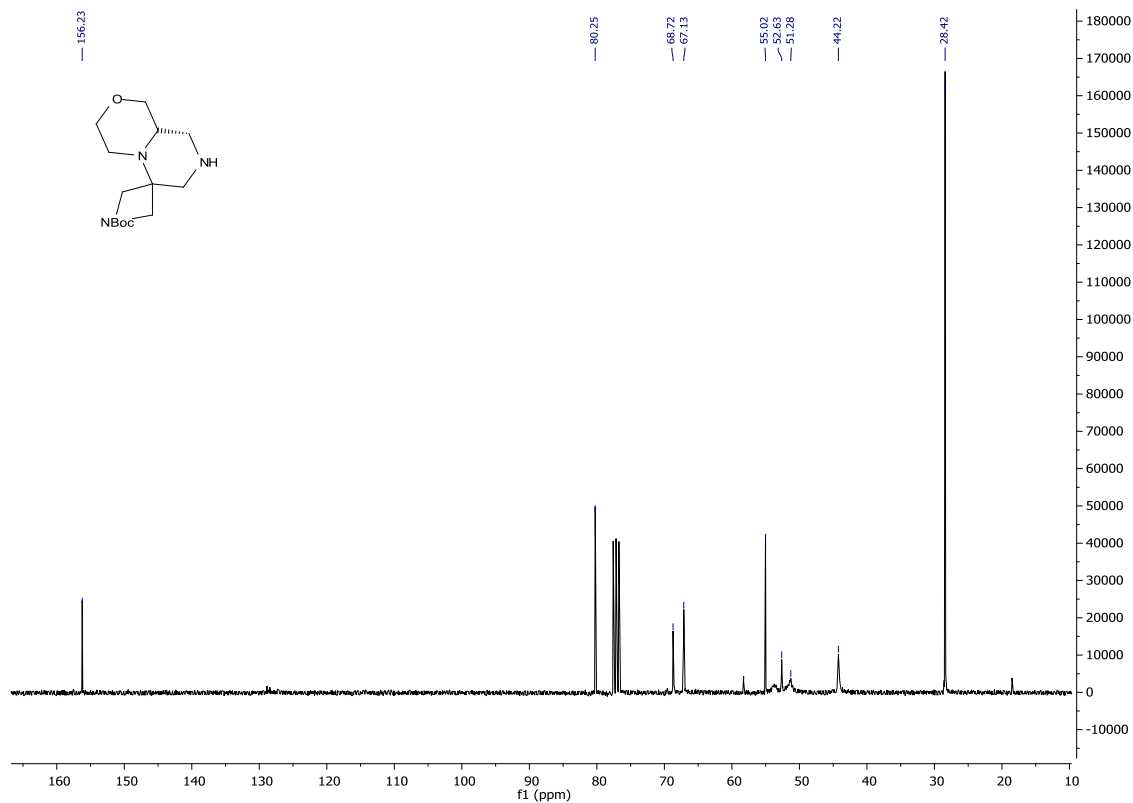
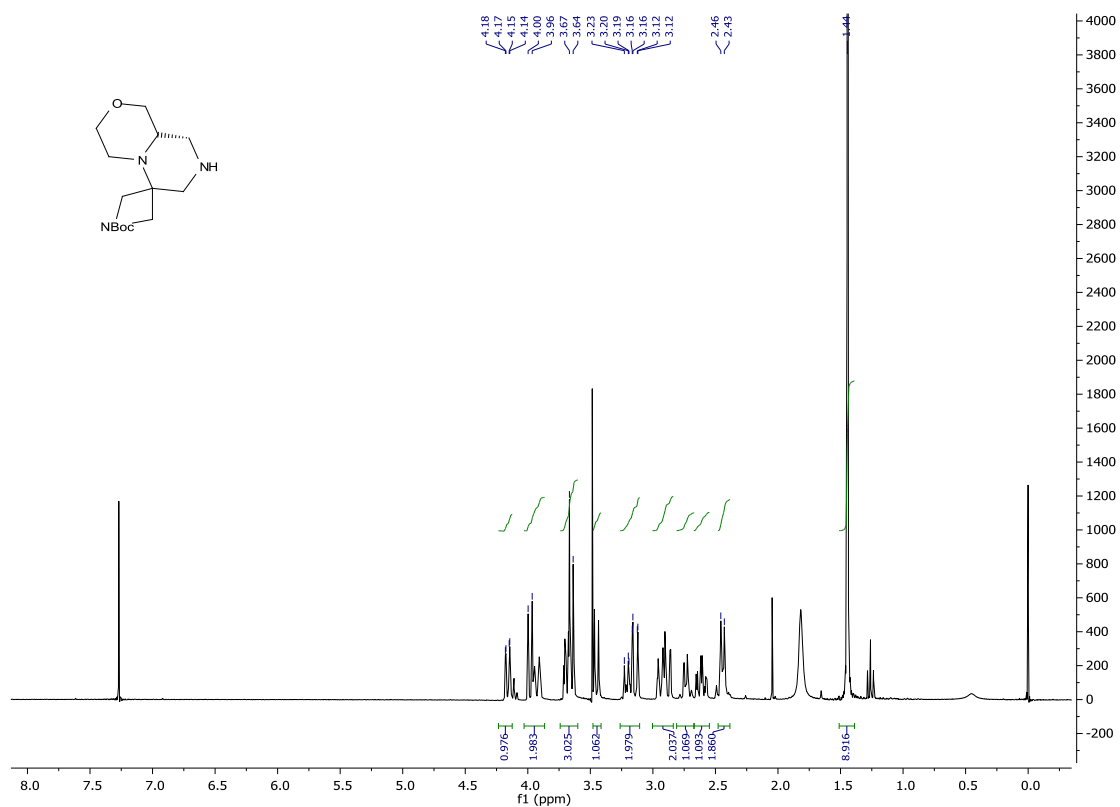
Intermediate in the synthesis of compound 10



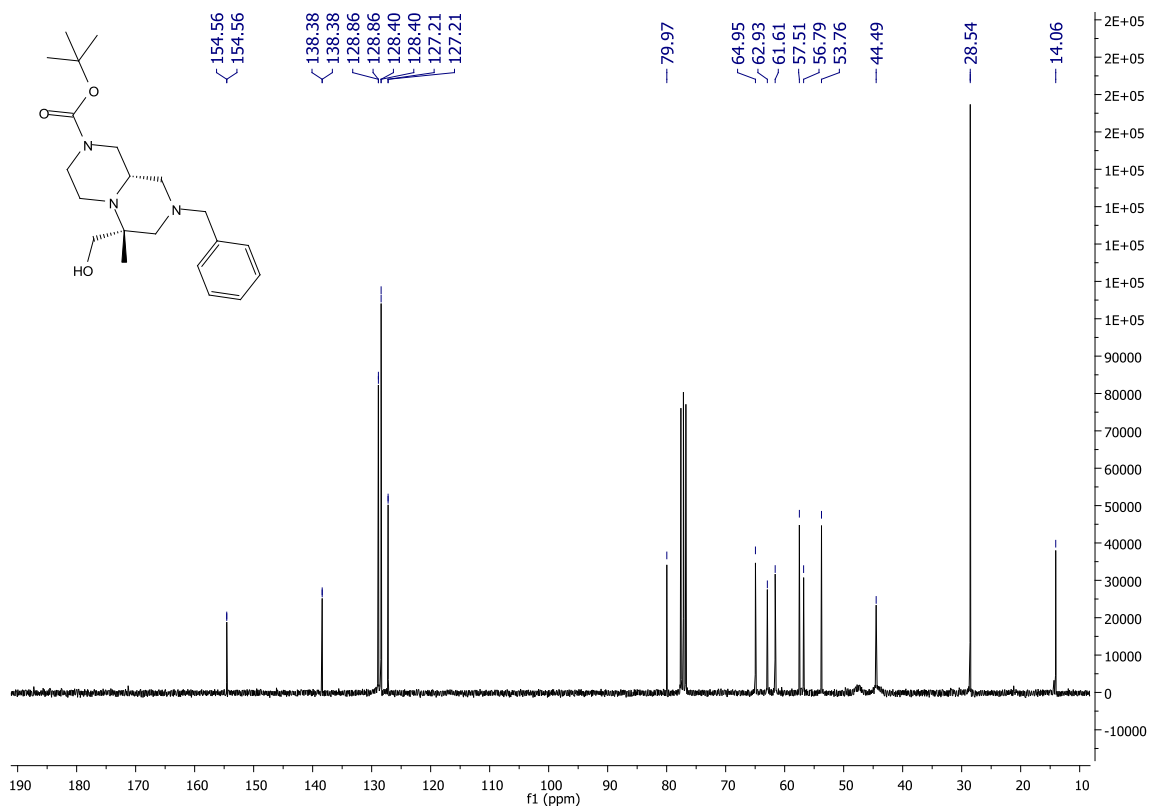
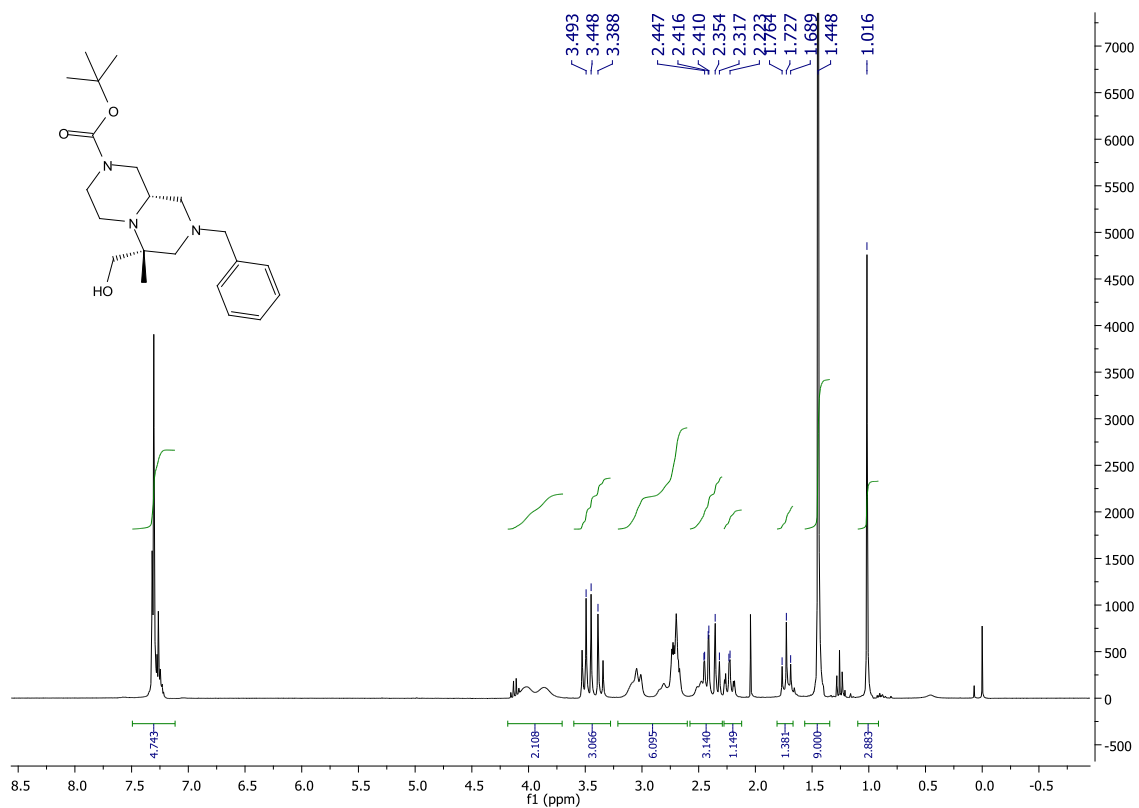
Intermediate in the synthesis of compound 10



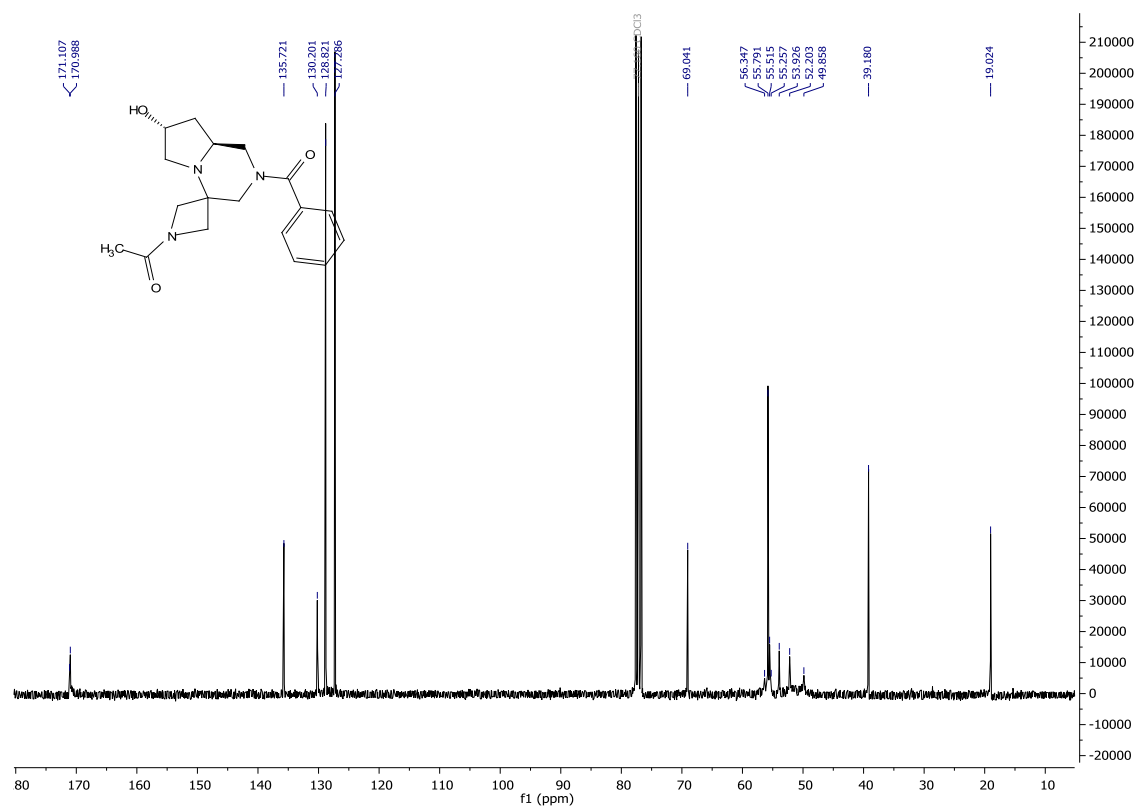
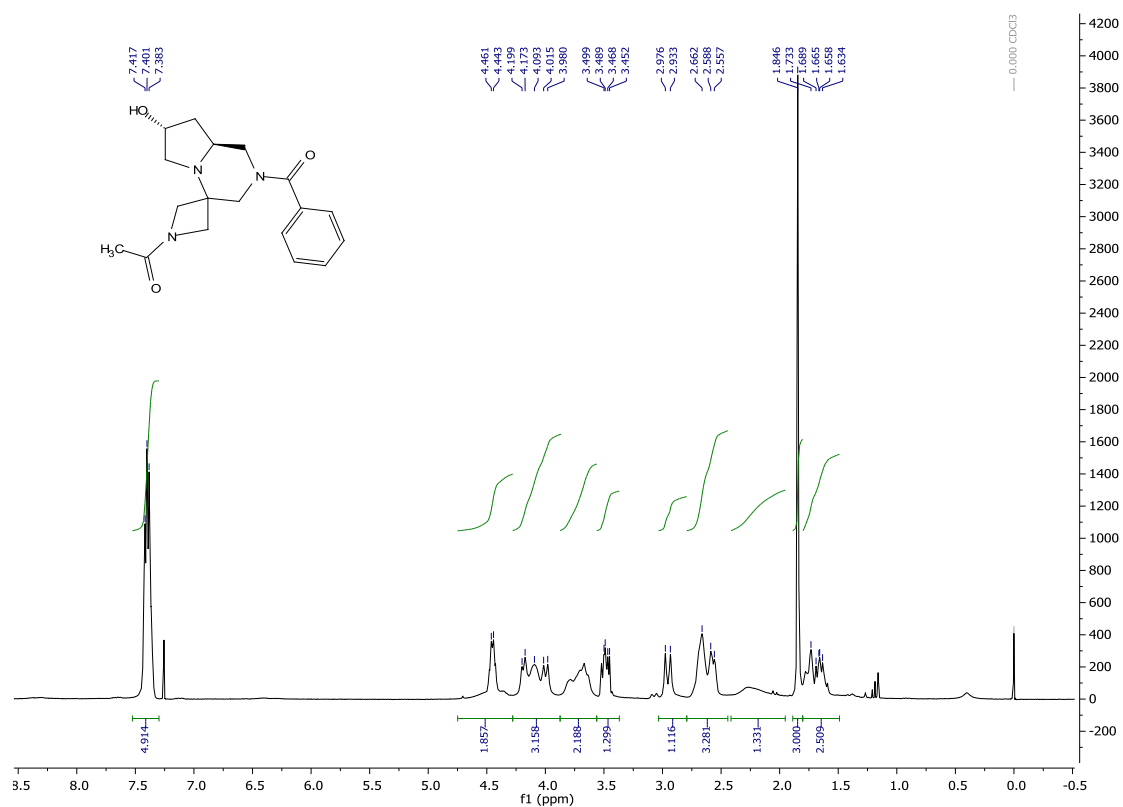
Compound 10



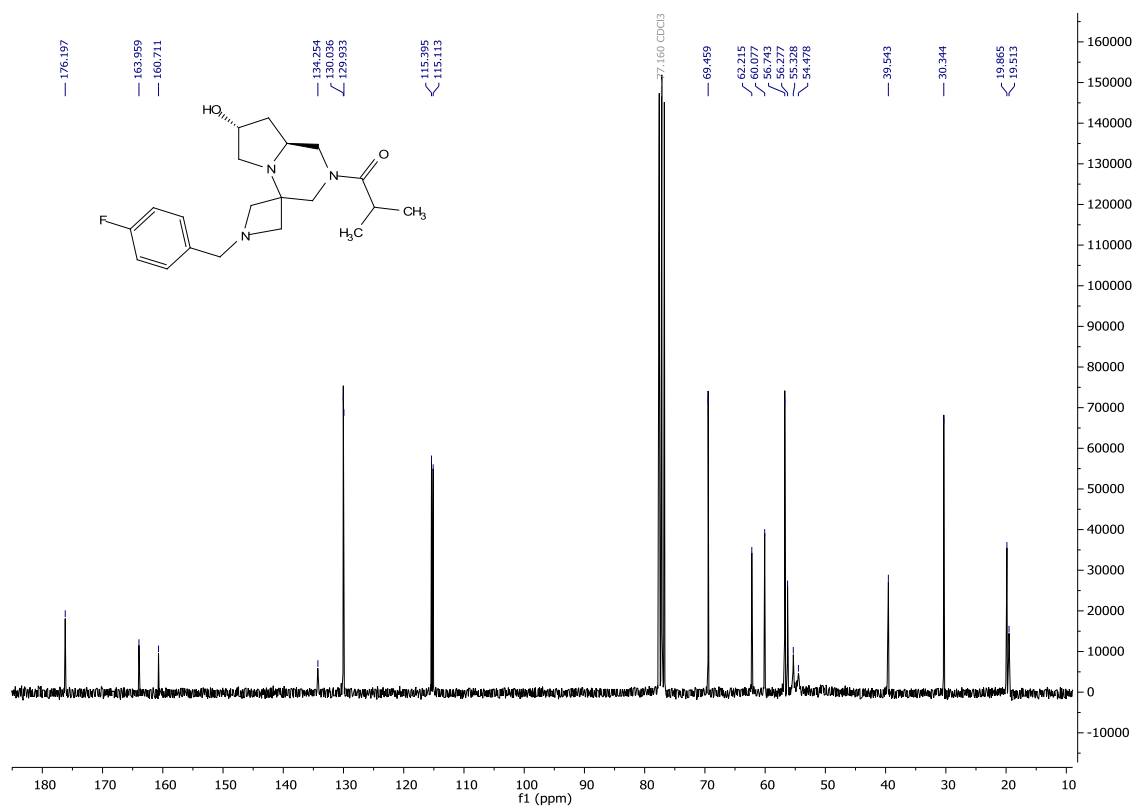
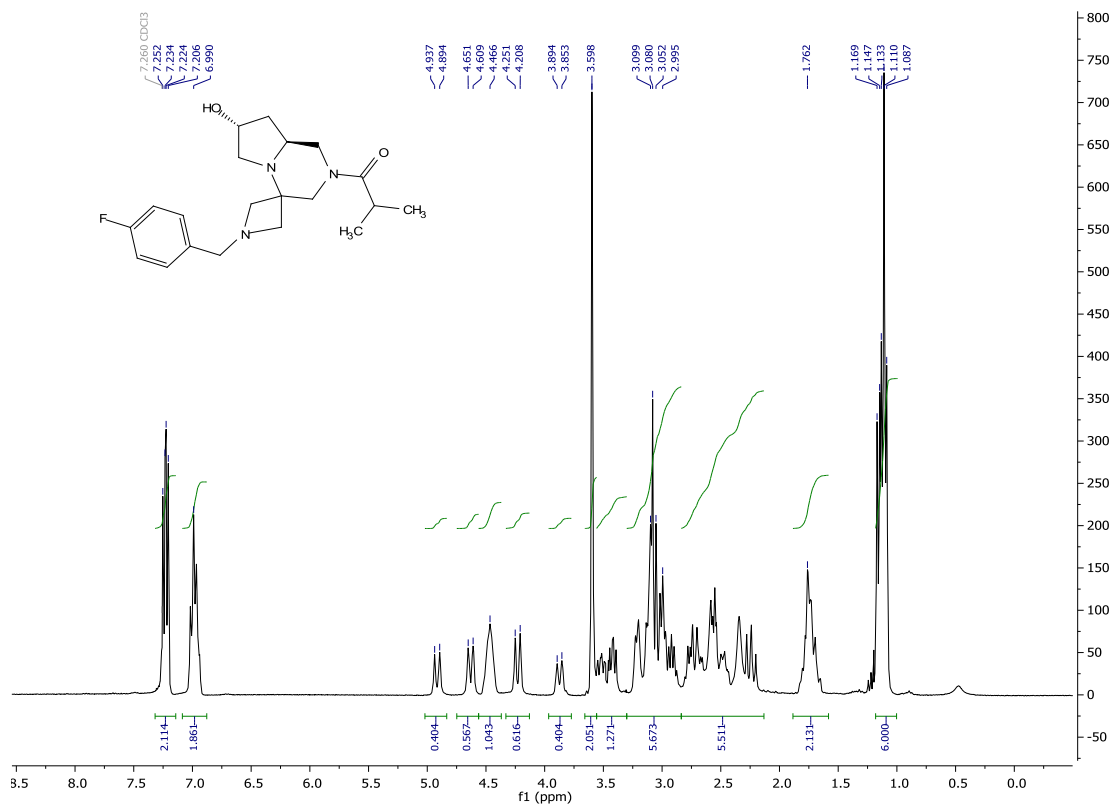
Compound 11



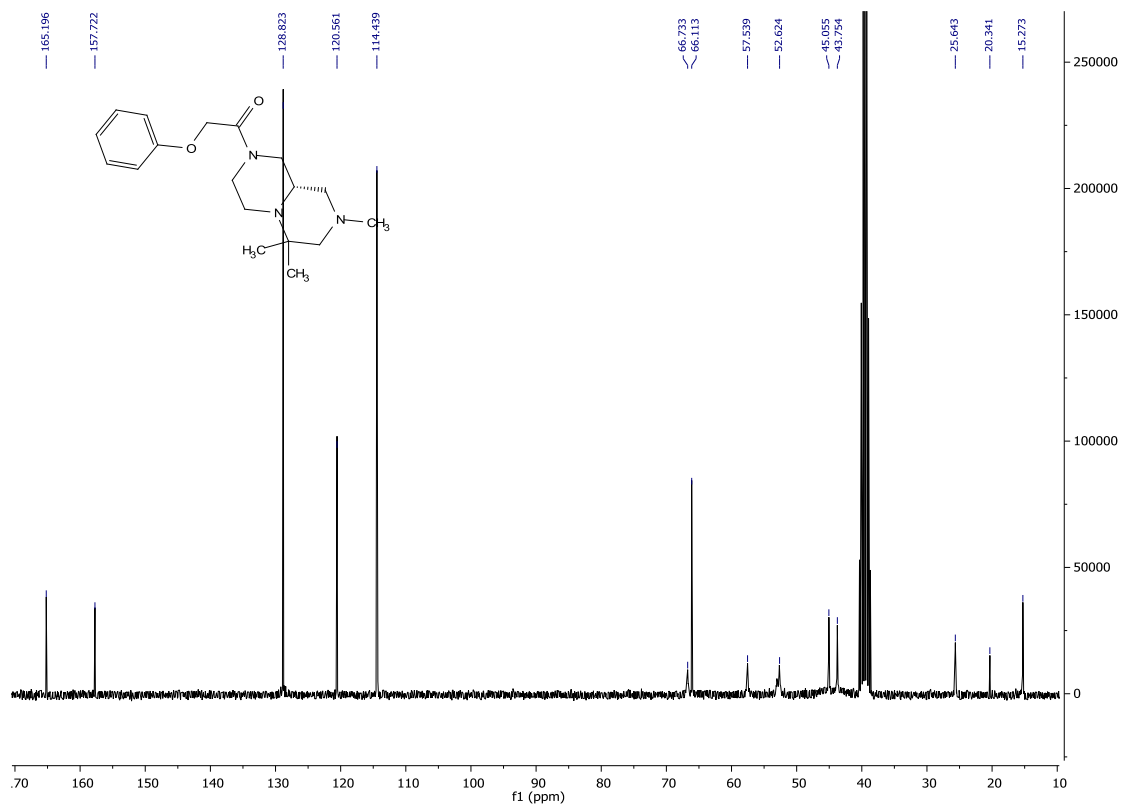
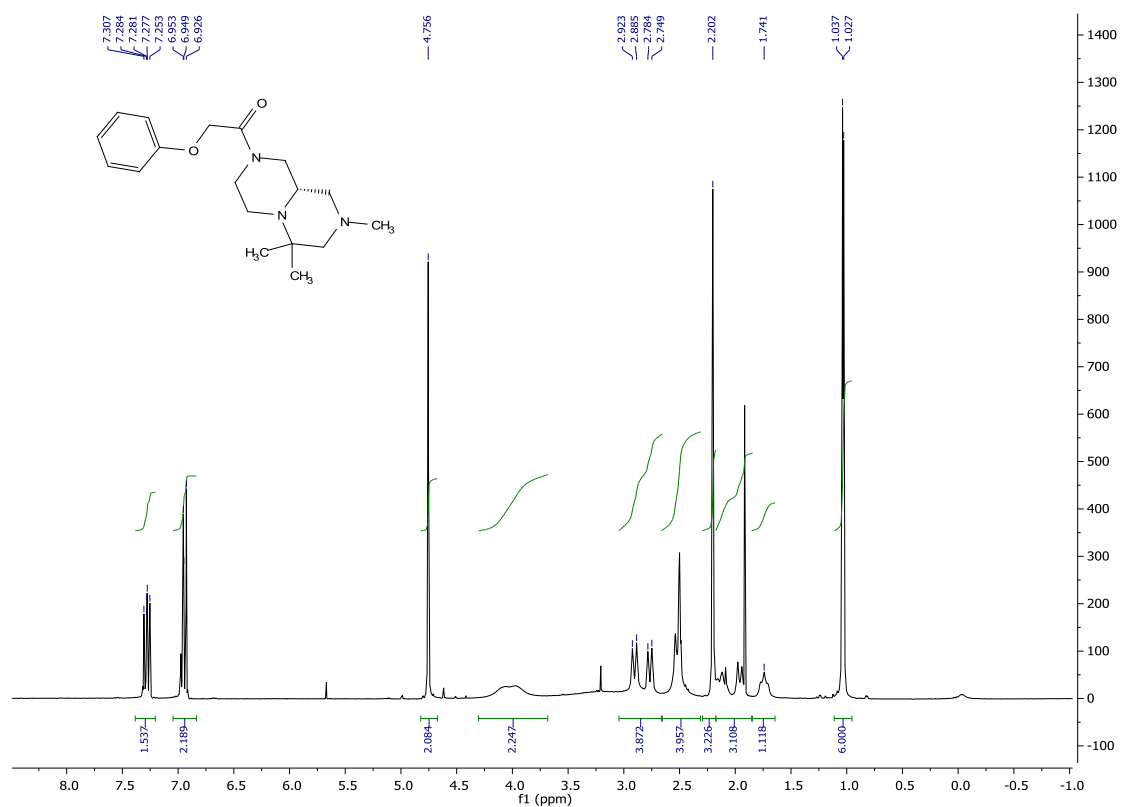
Compound 6{3,4}



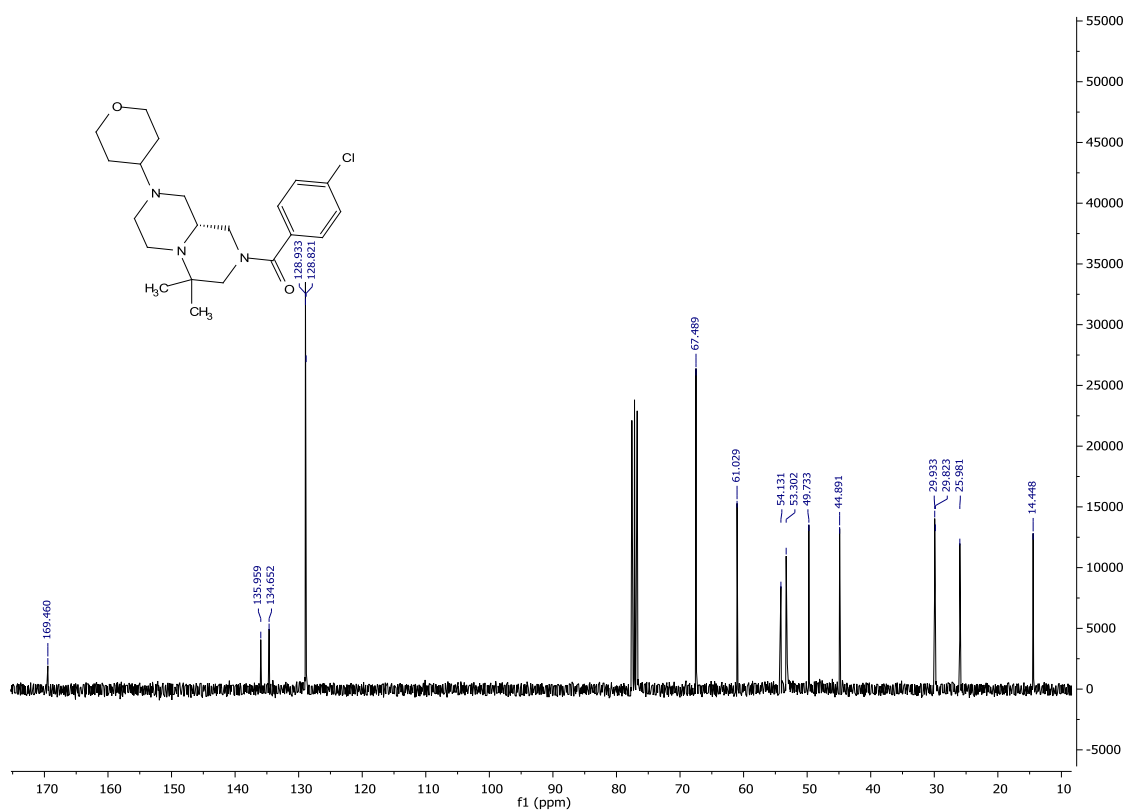
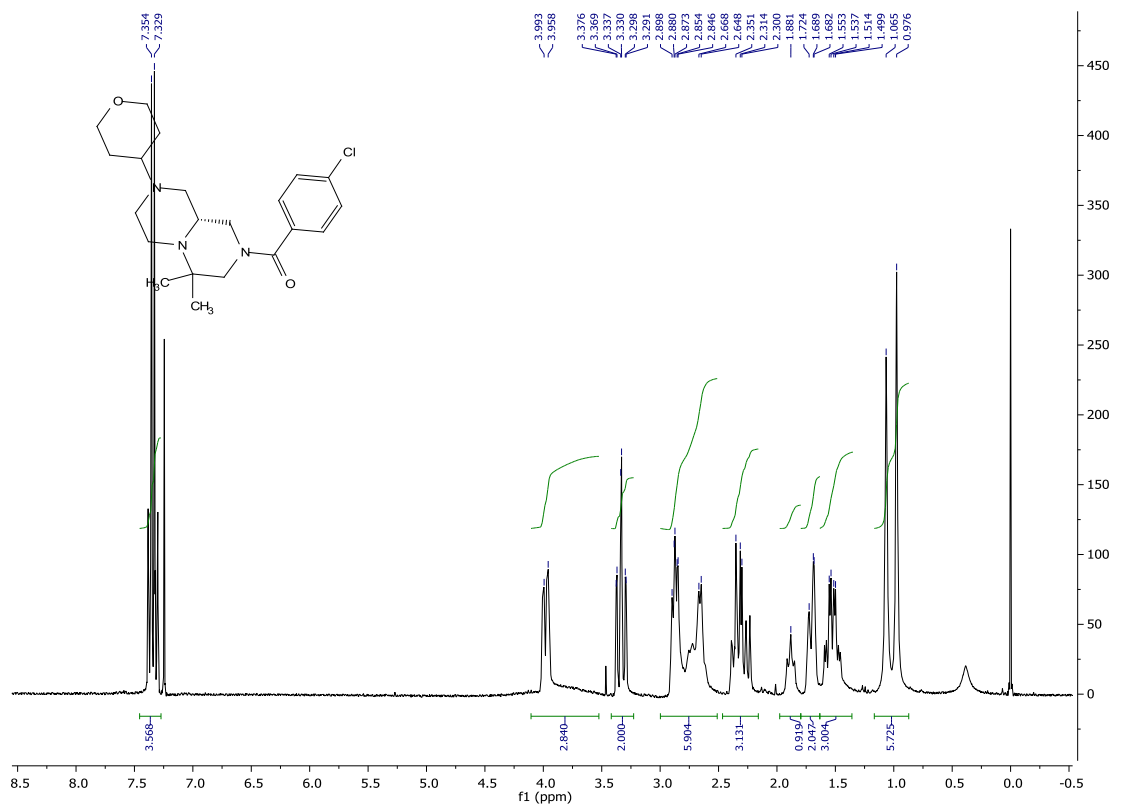
Compound 6{4,5}



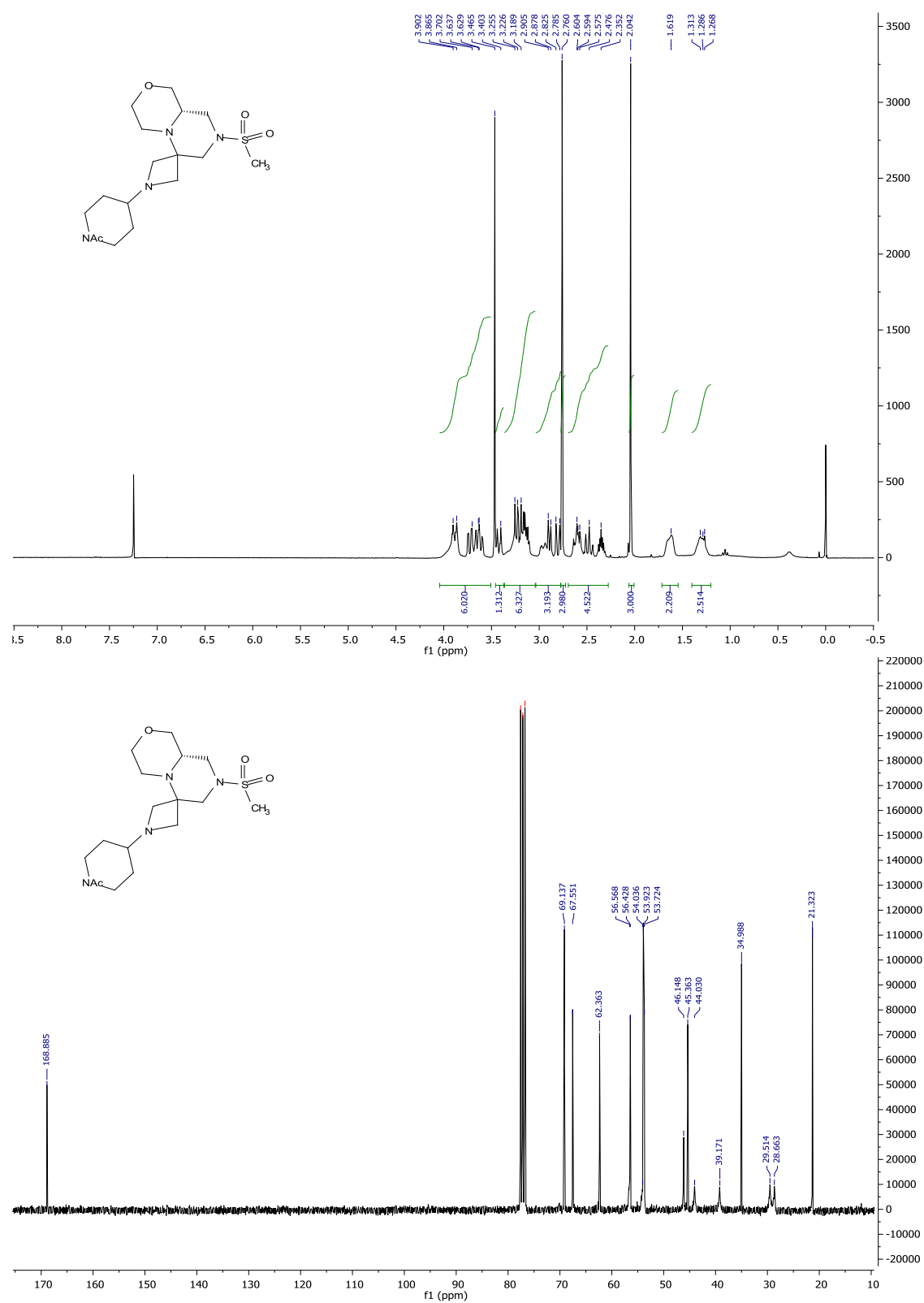
Compound 13{8,1}



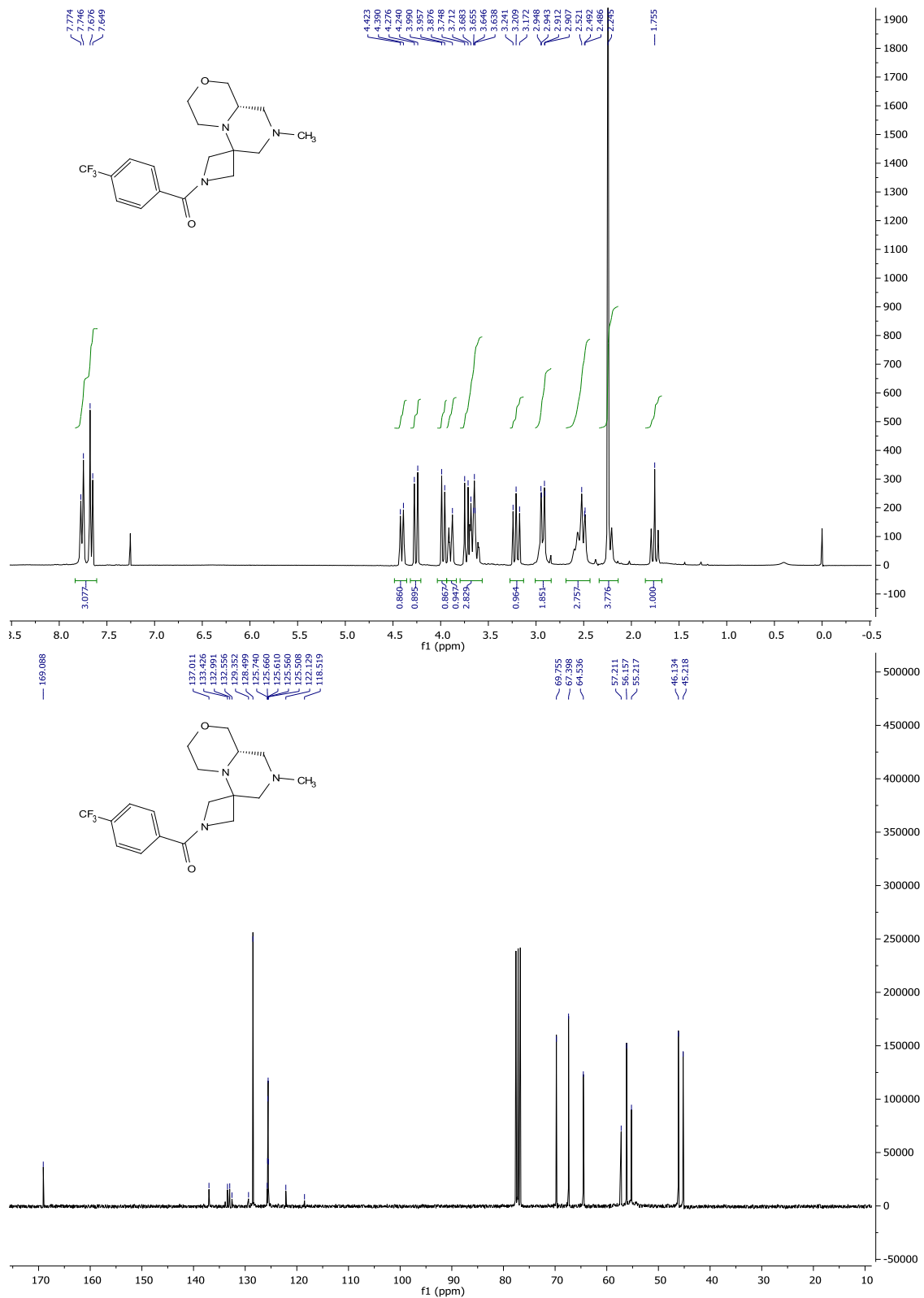
Compound 13{6,2}



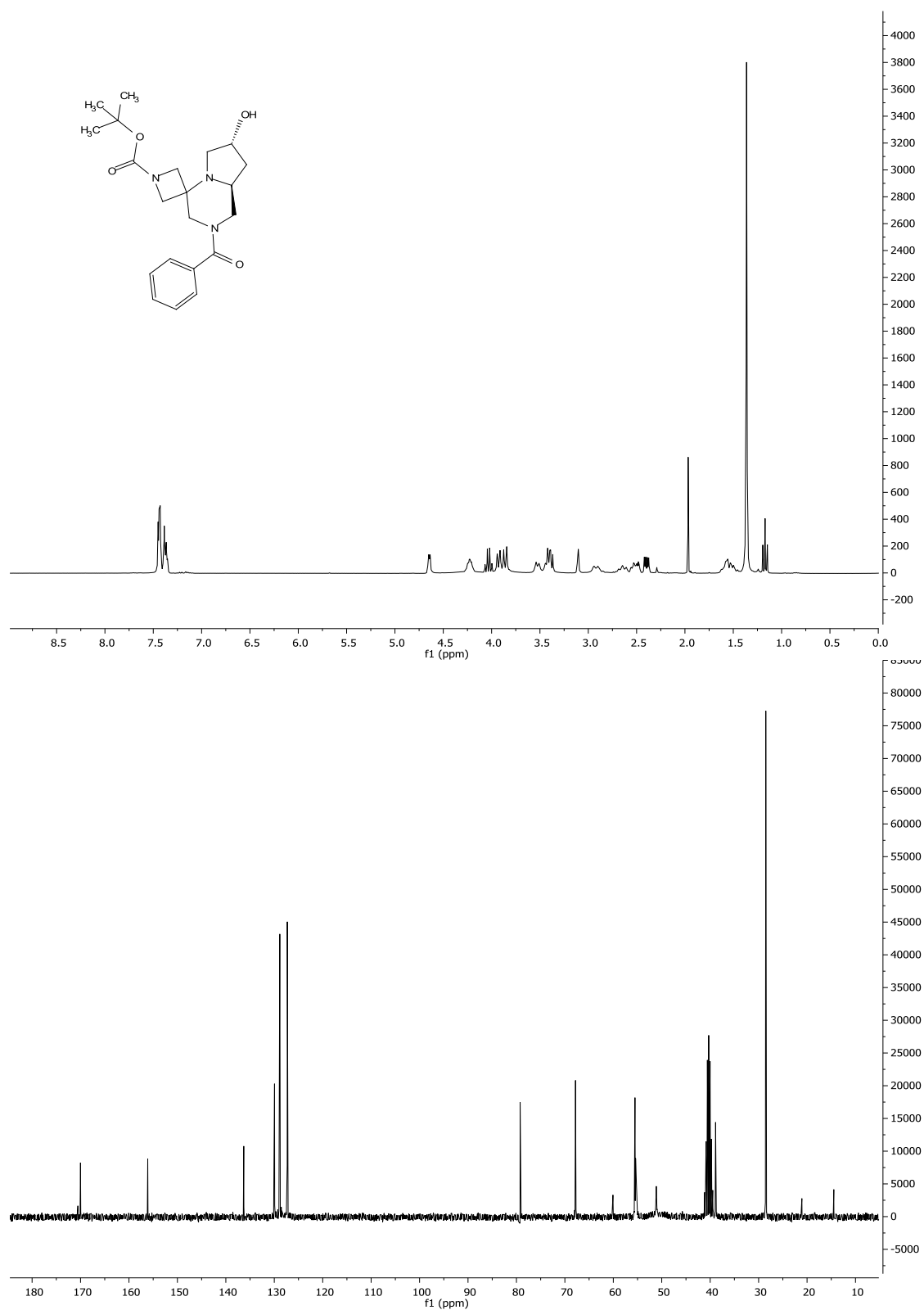
Compound 15{8,4}



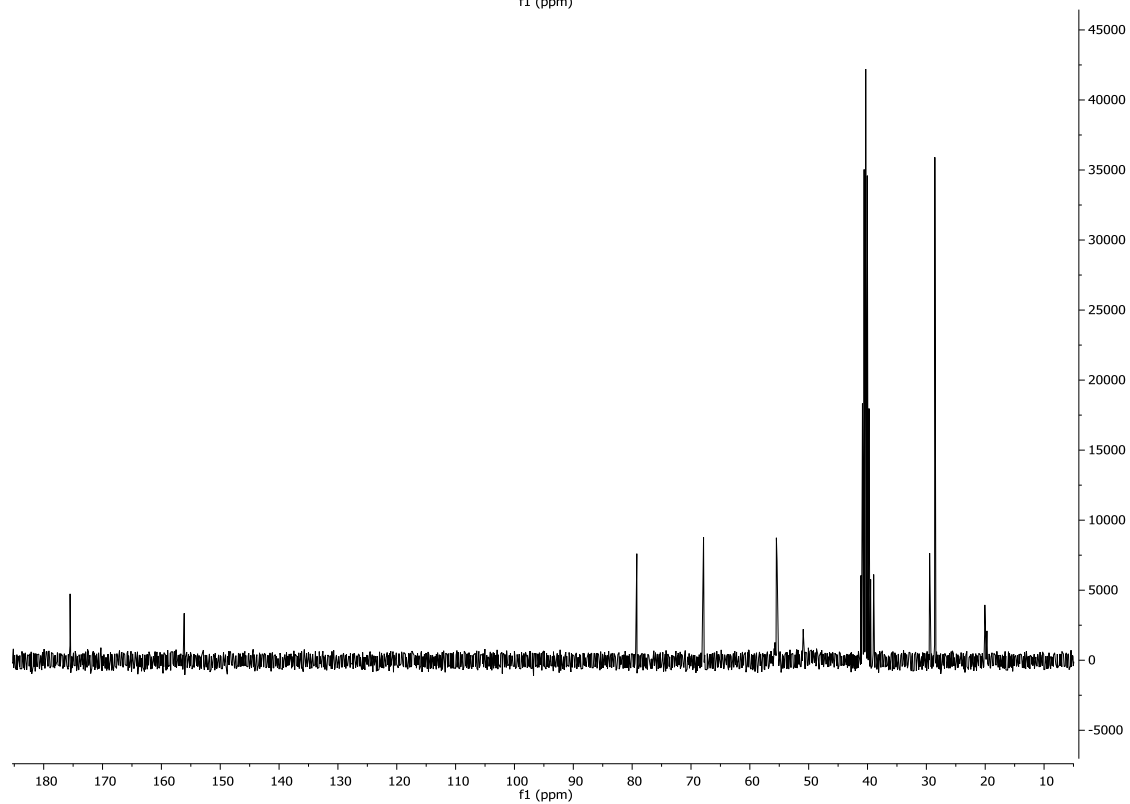
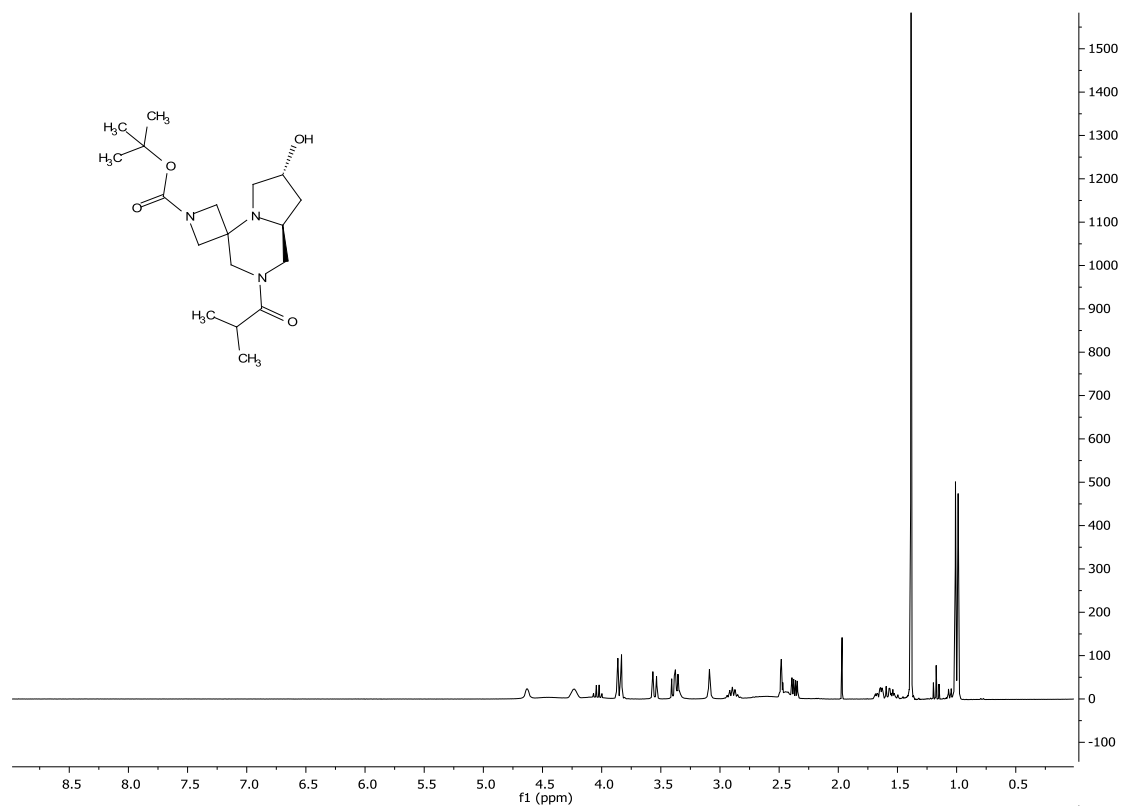
Compound 15{6,3}



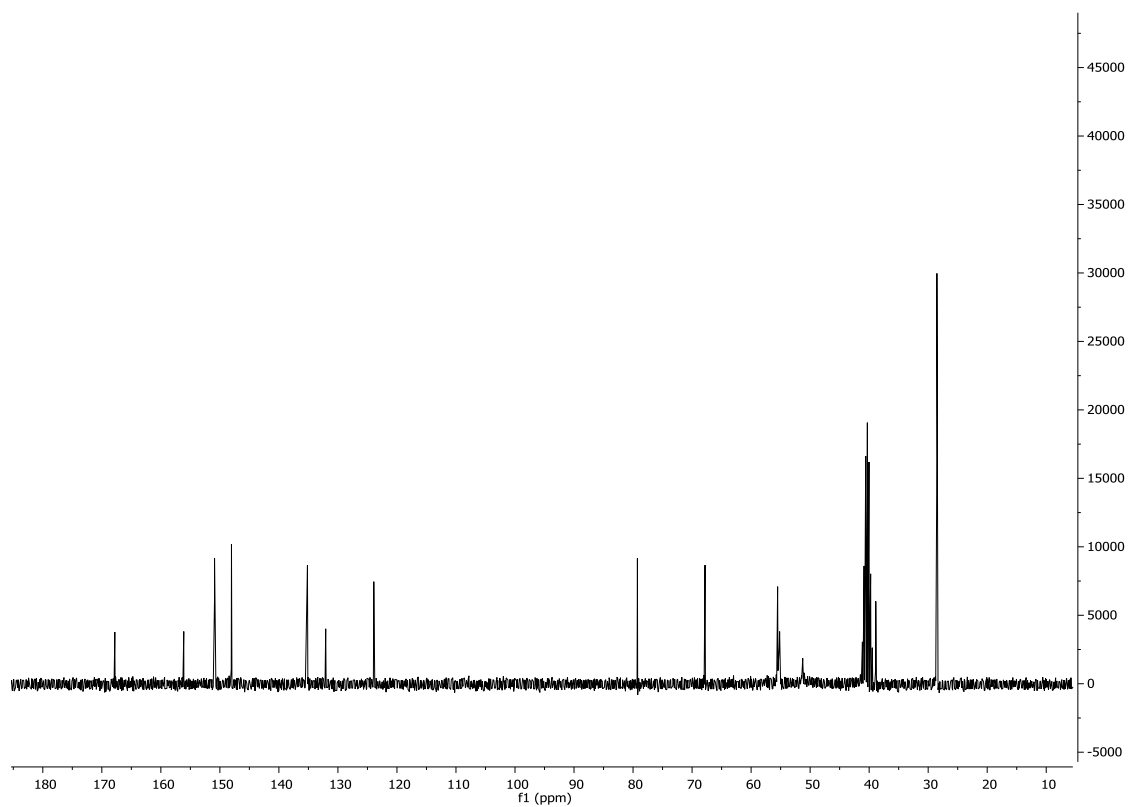
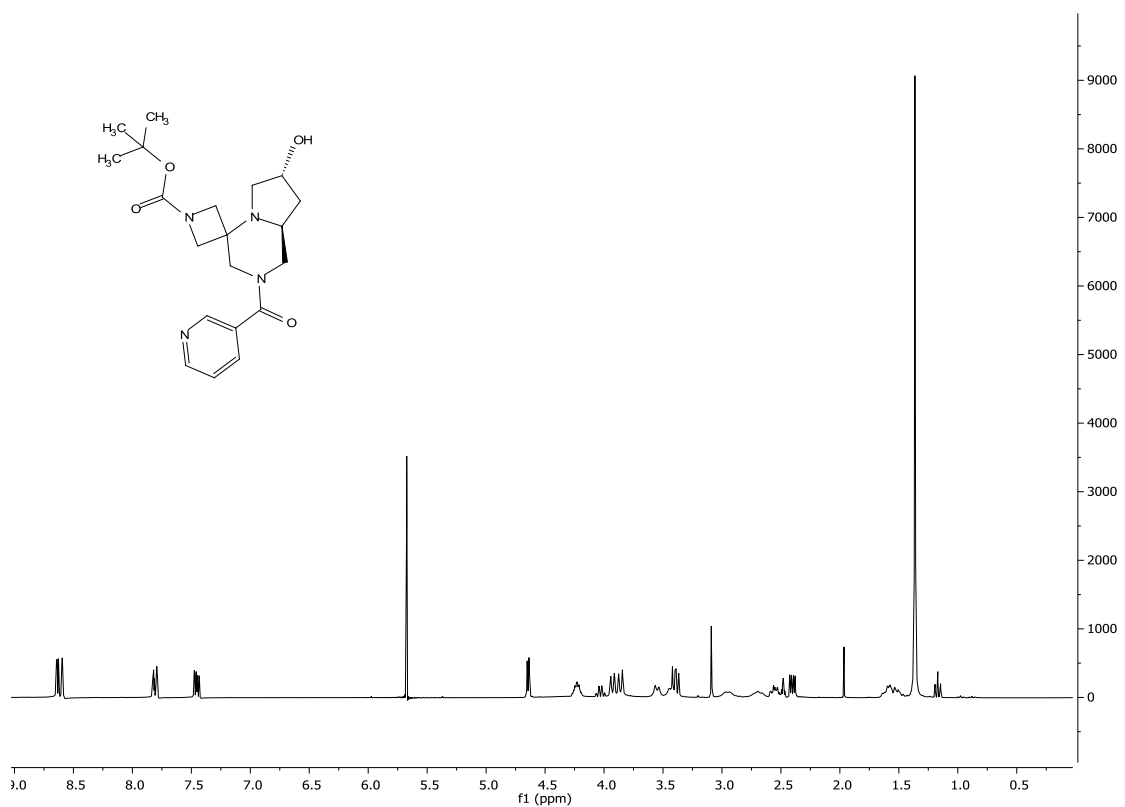
Compound 5{3}



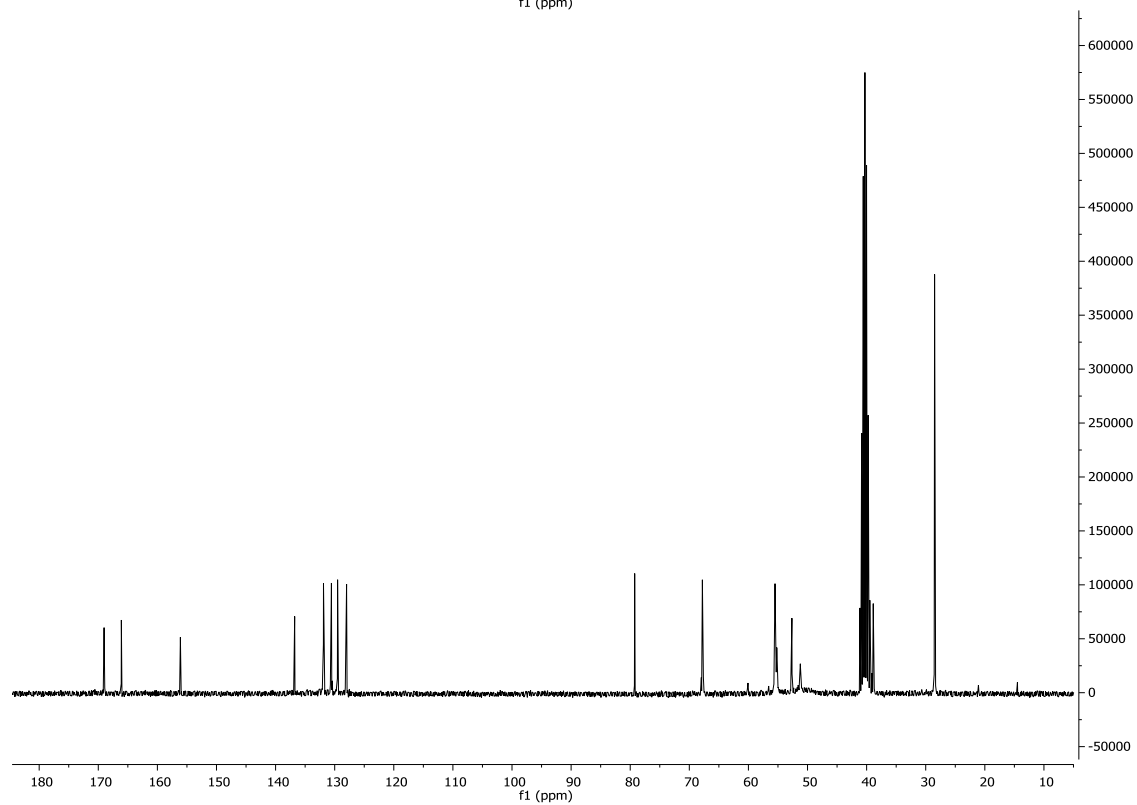
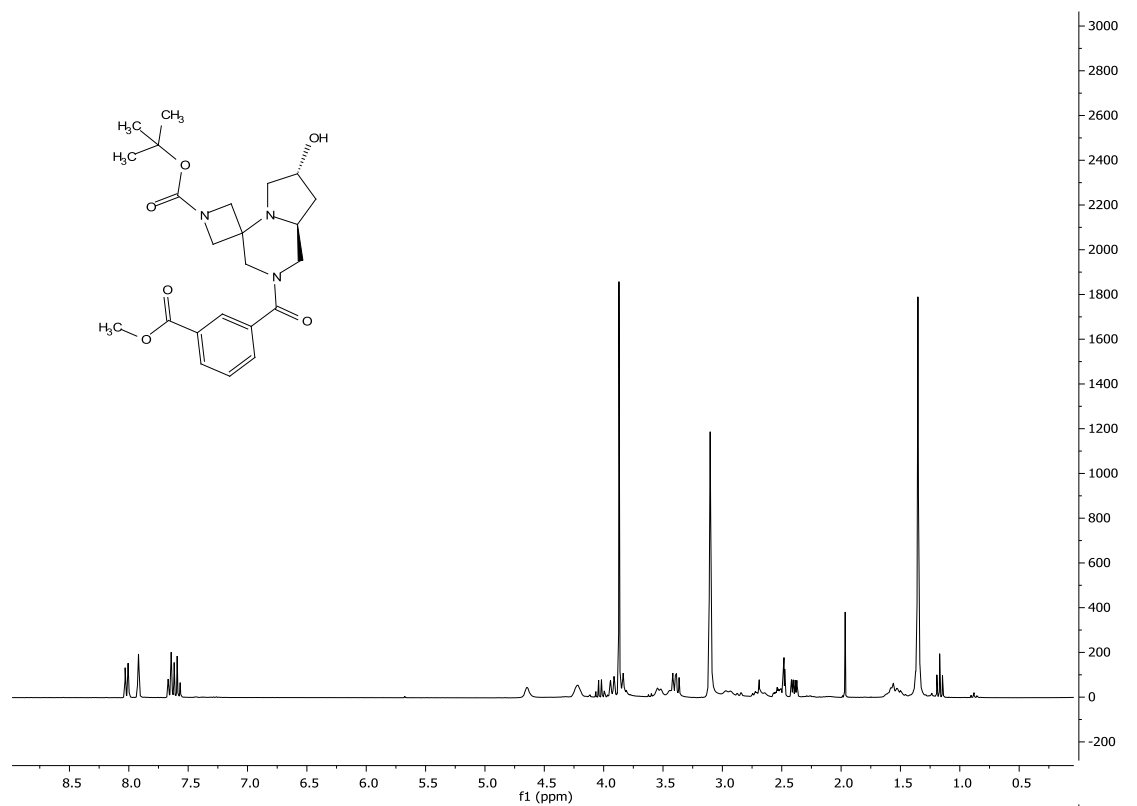
Compound 5{4}



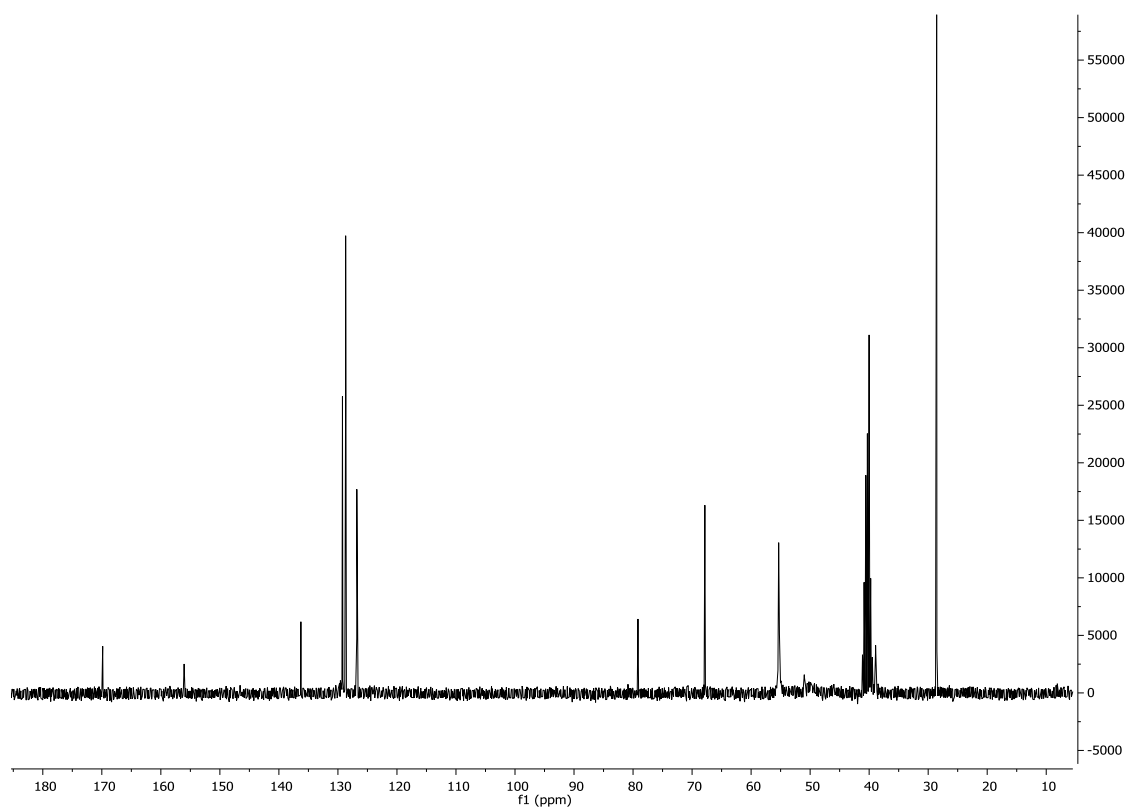
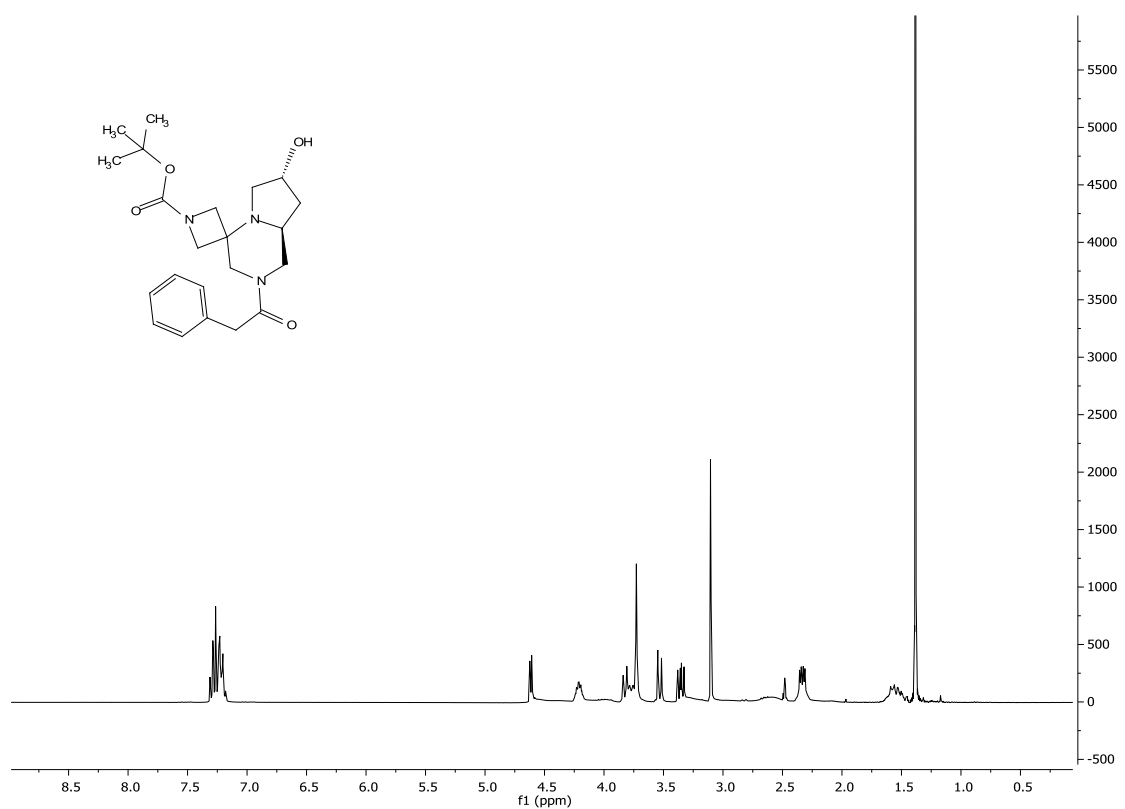
Compound 5{8}



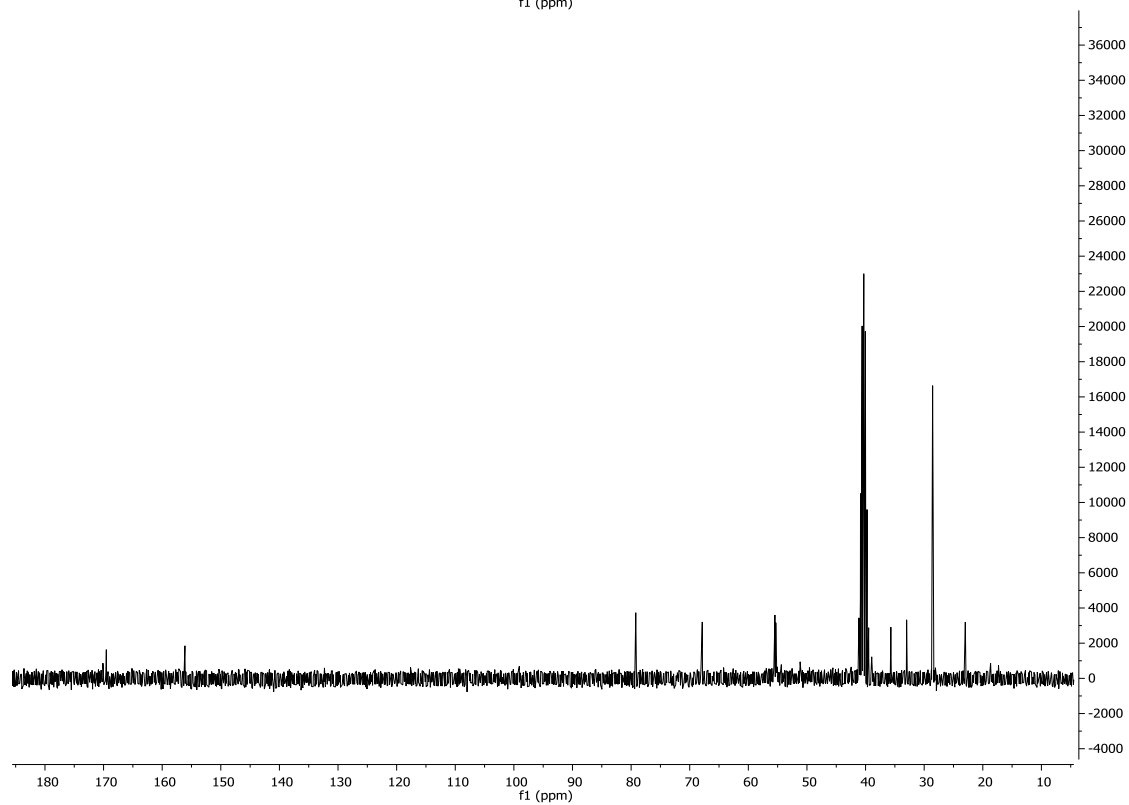
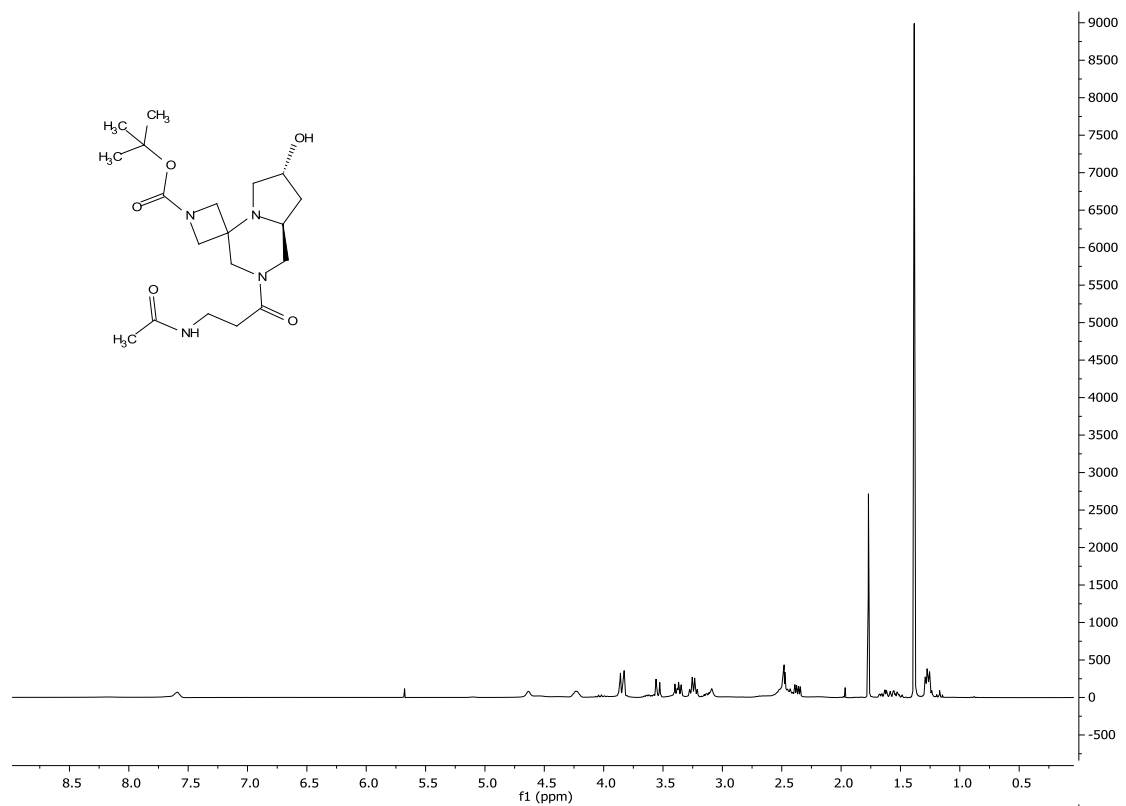
Compound 5{9}



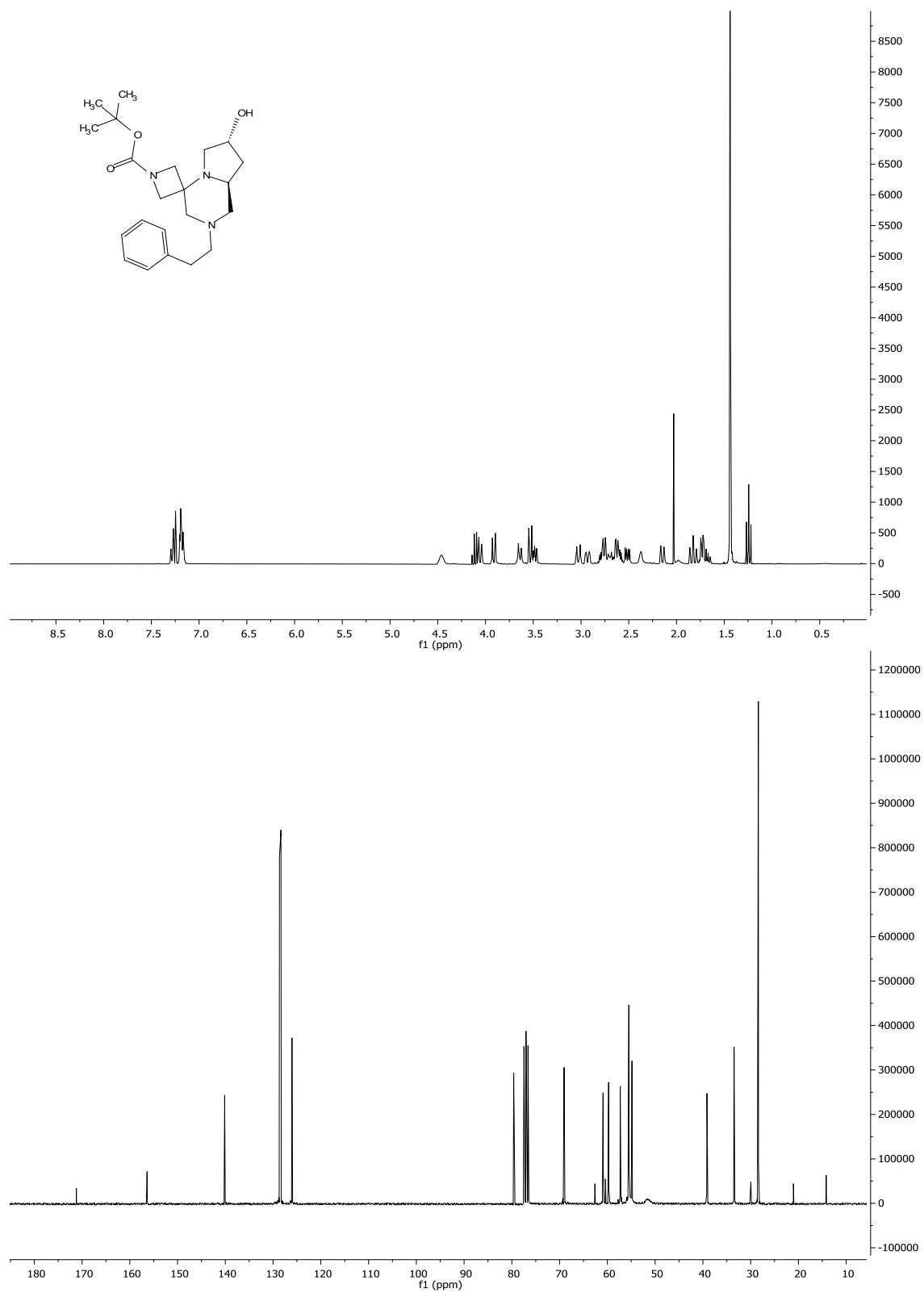
Compound 5{7}



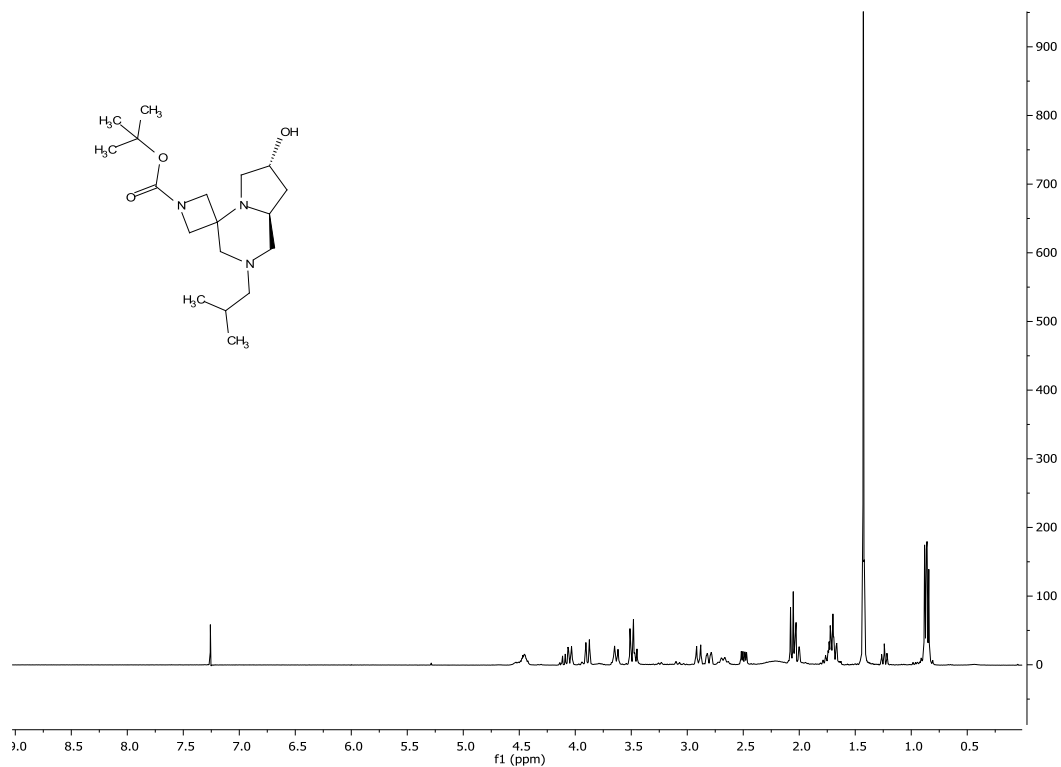
Compound 5{10}



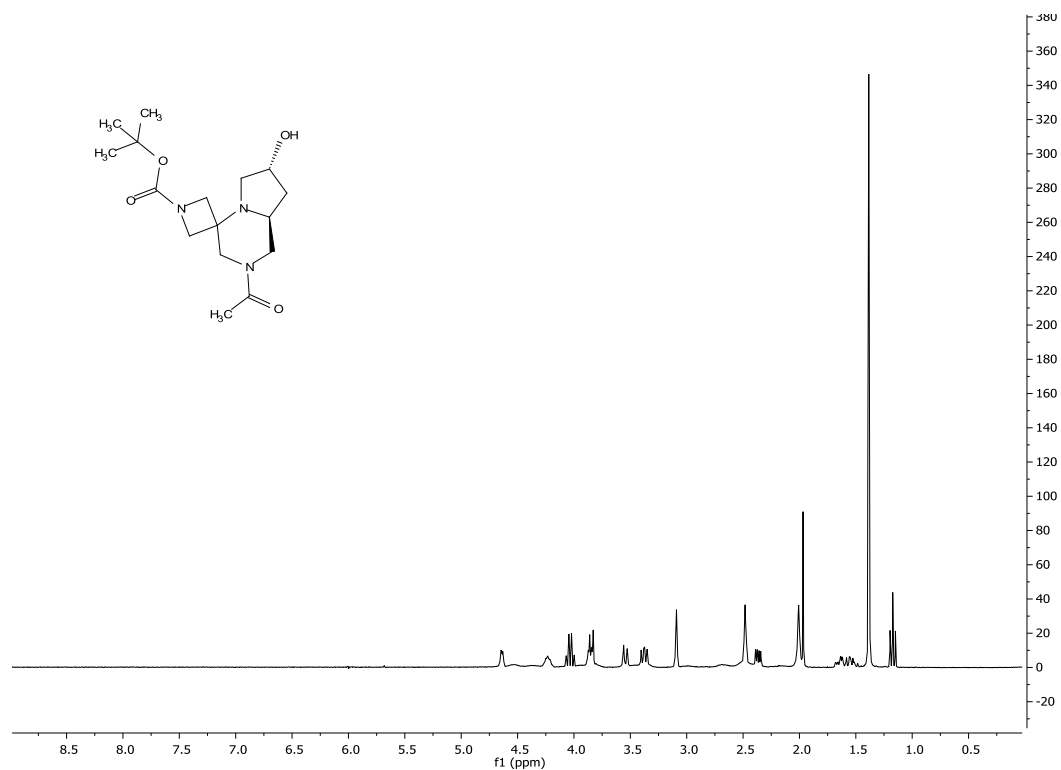
Compound 5{6}



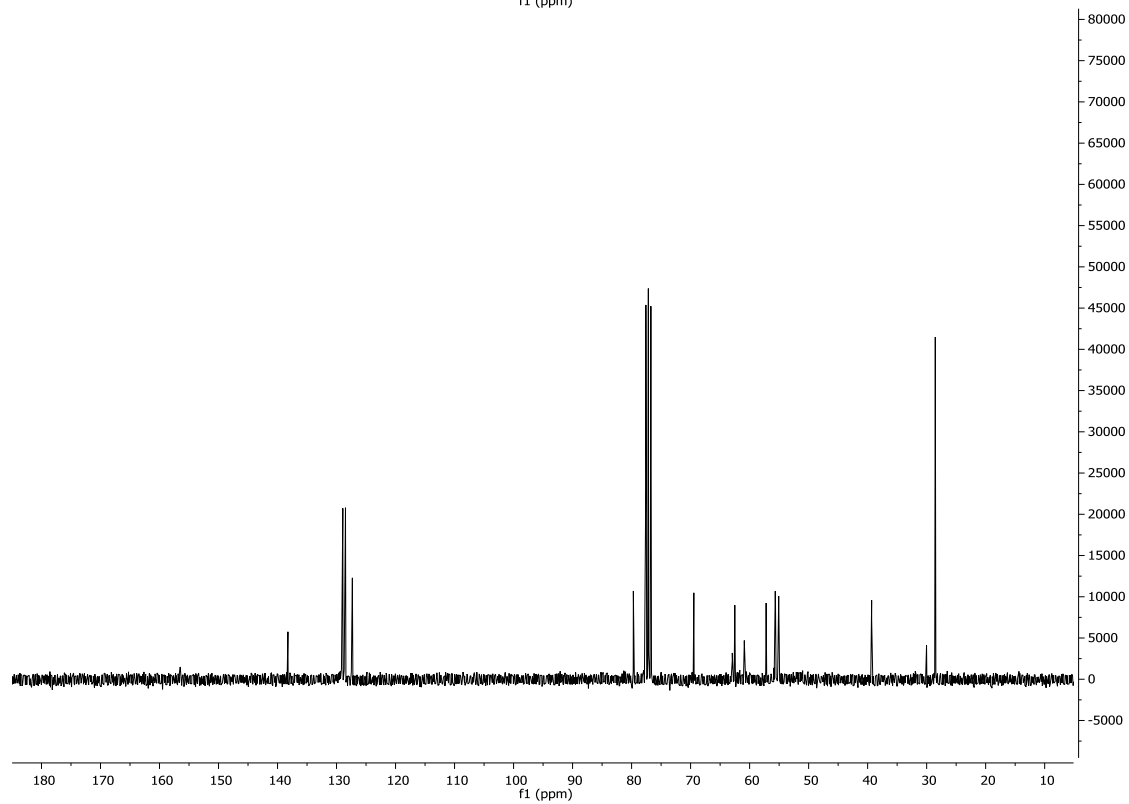
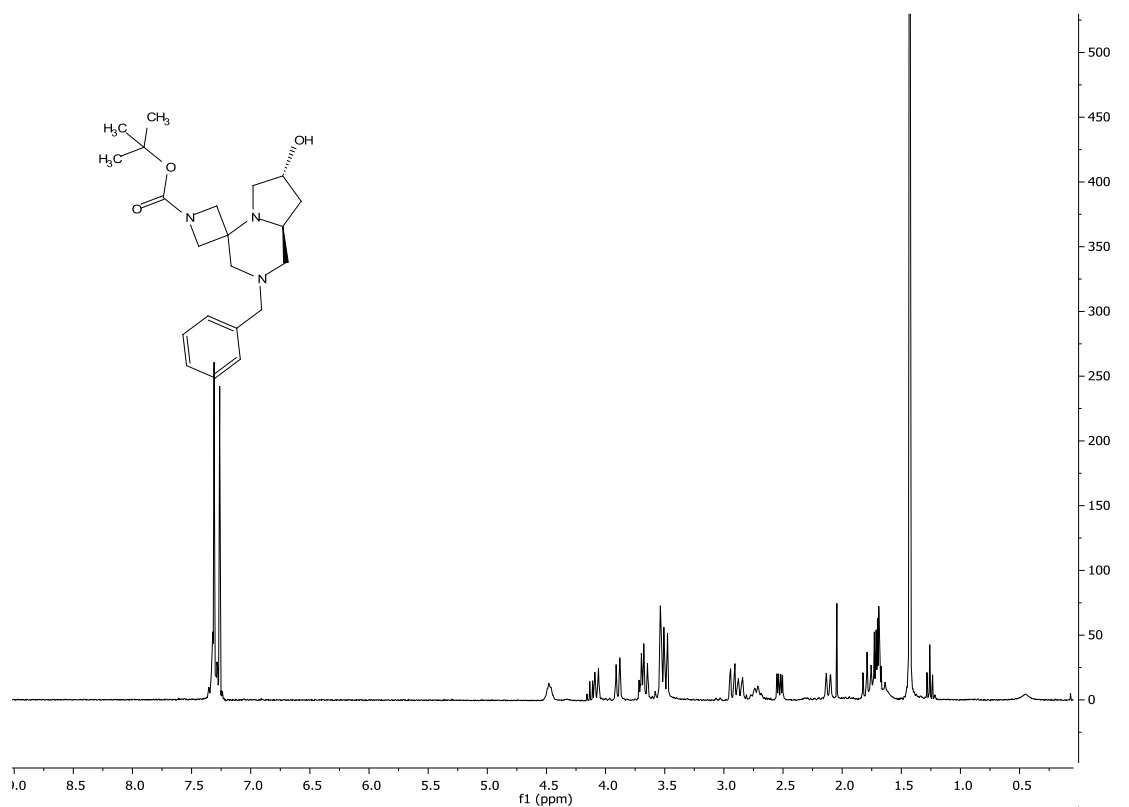
Compound 5{5}



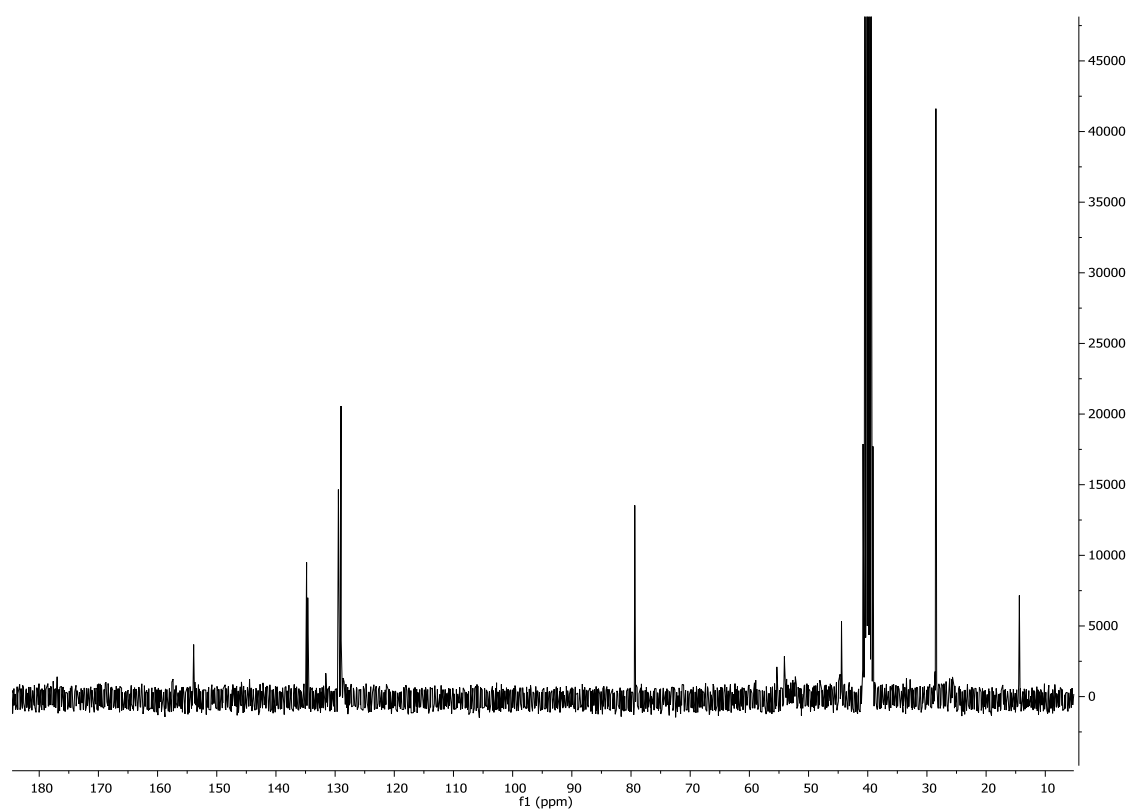
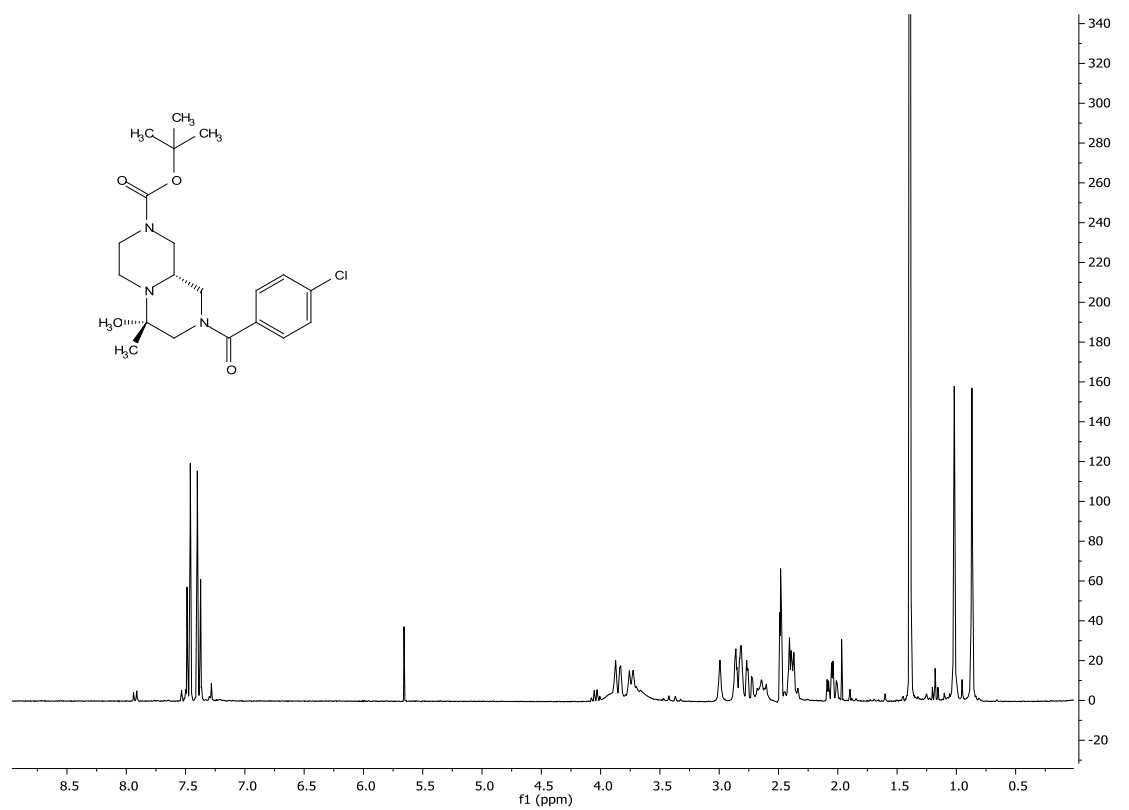
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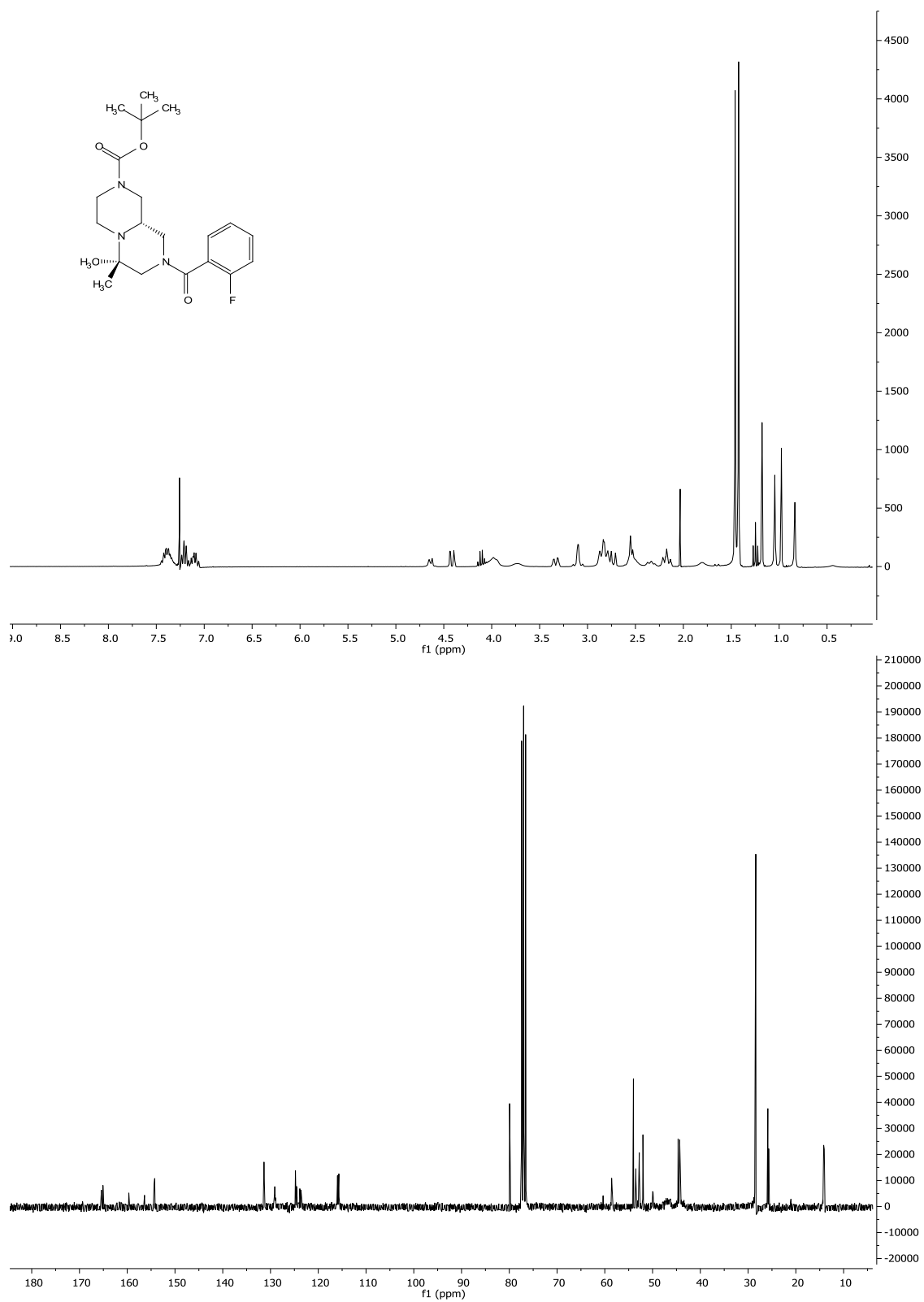
Compound 5{2}



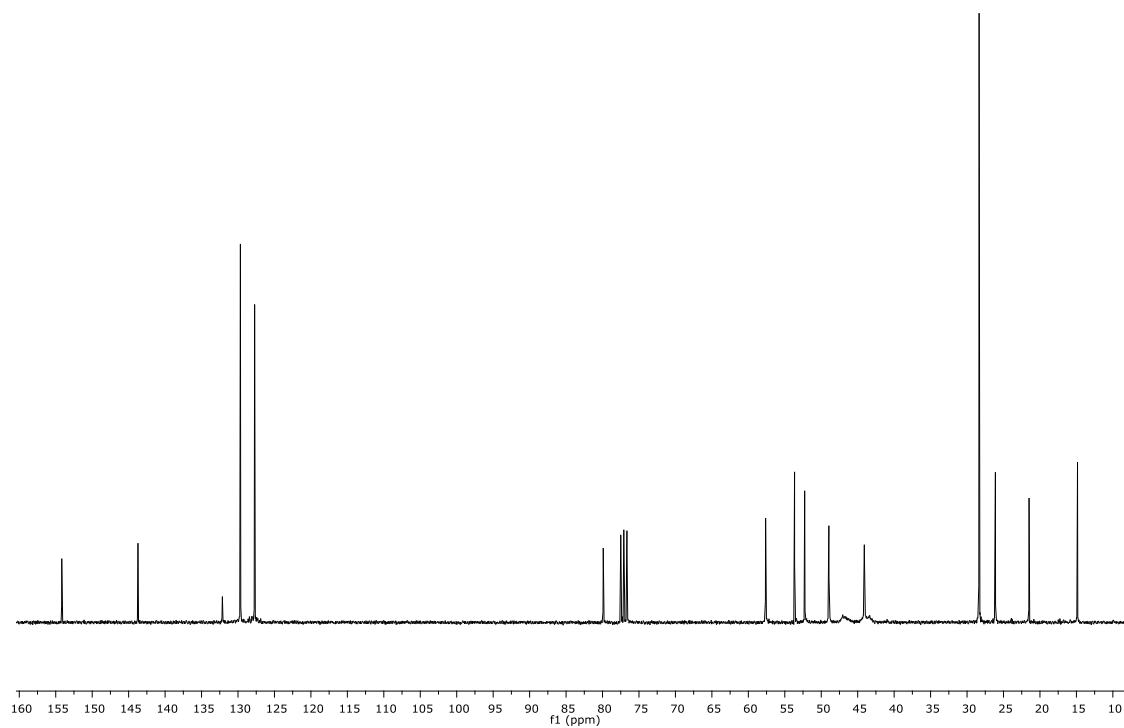
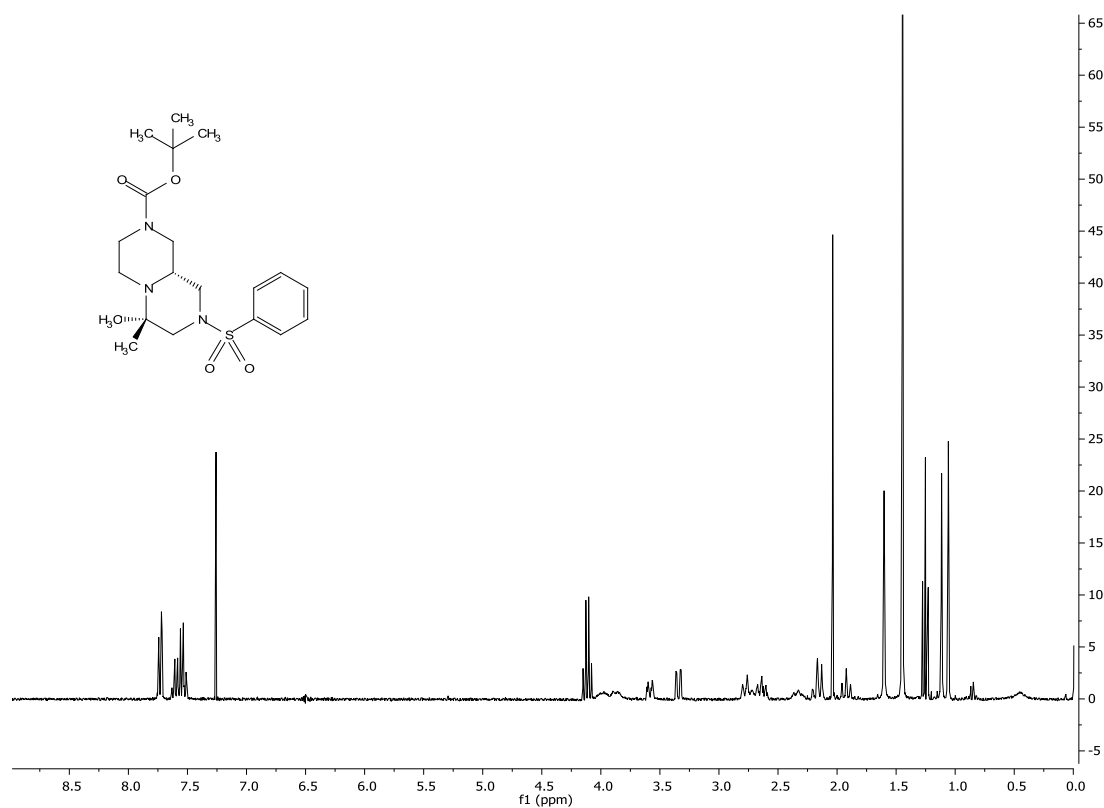
Compound 12{6}



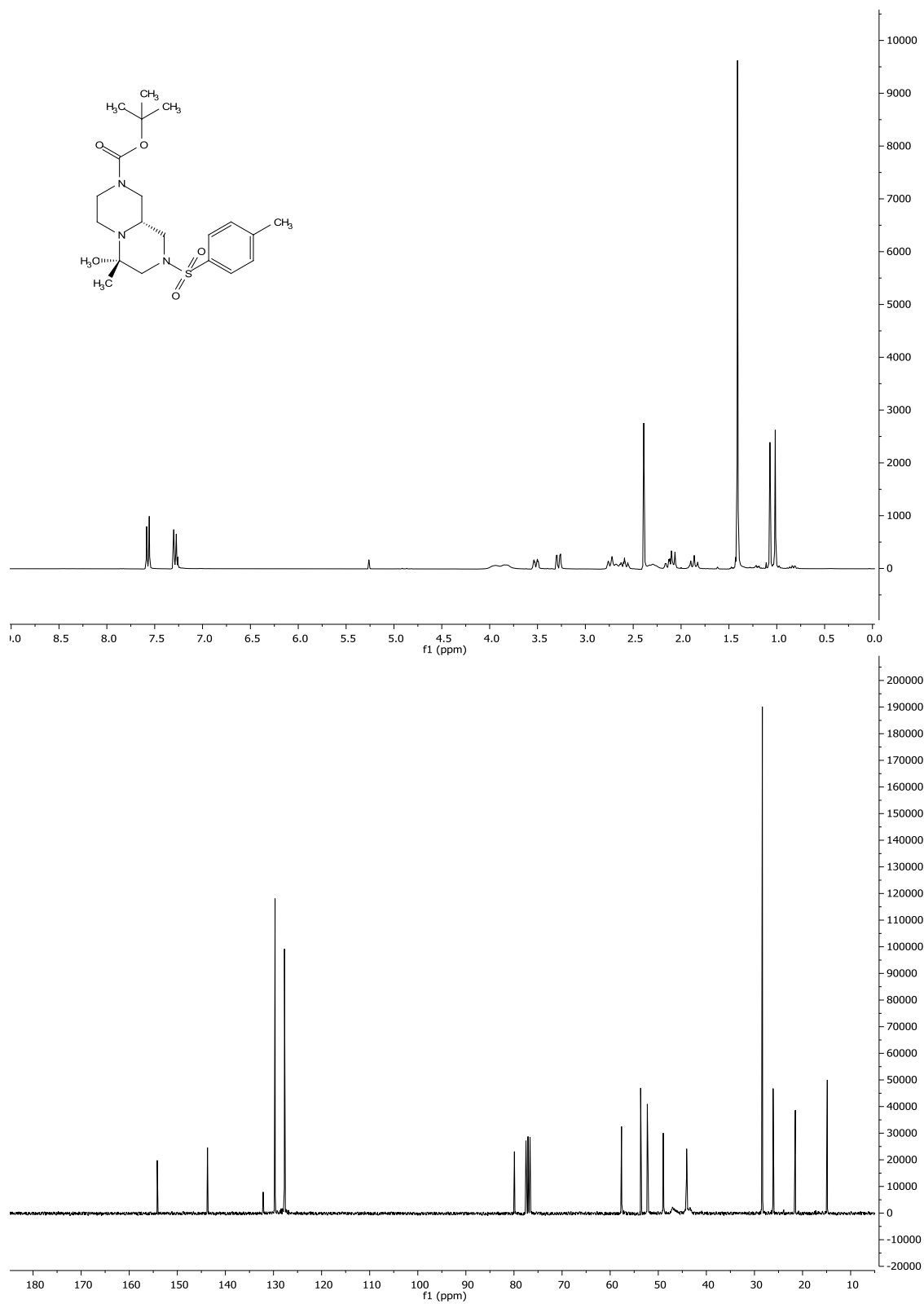
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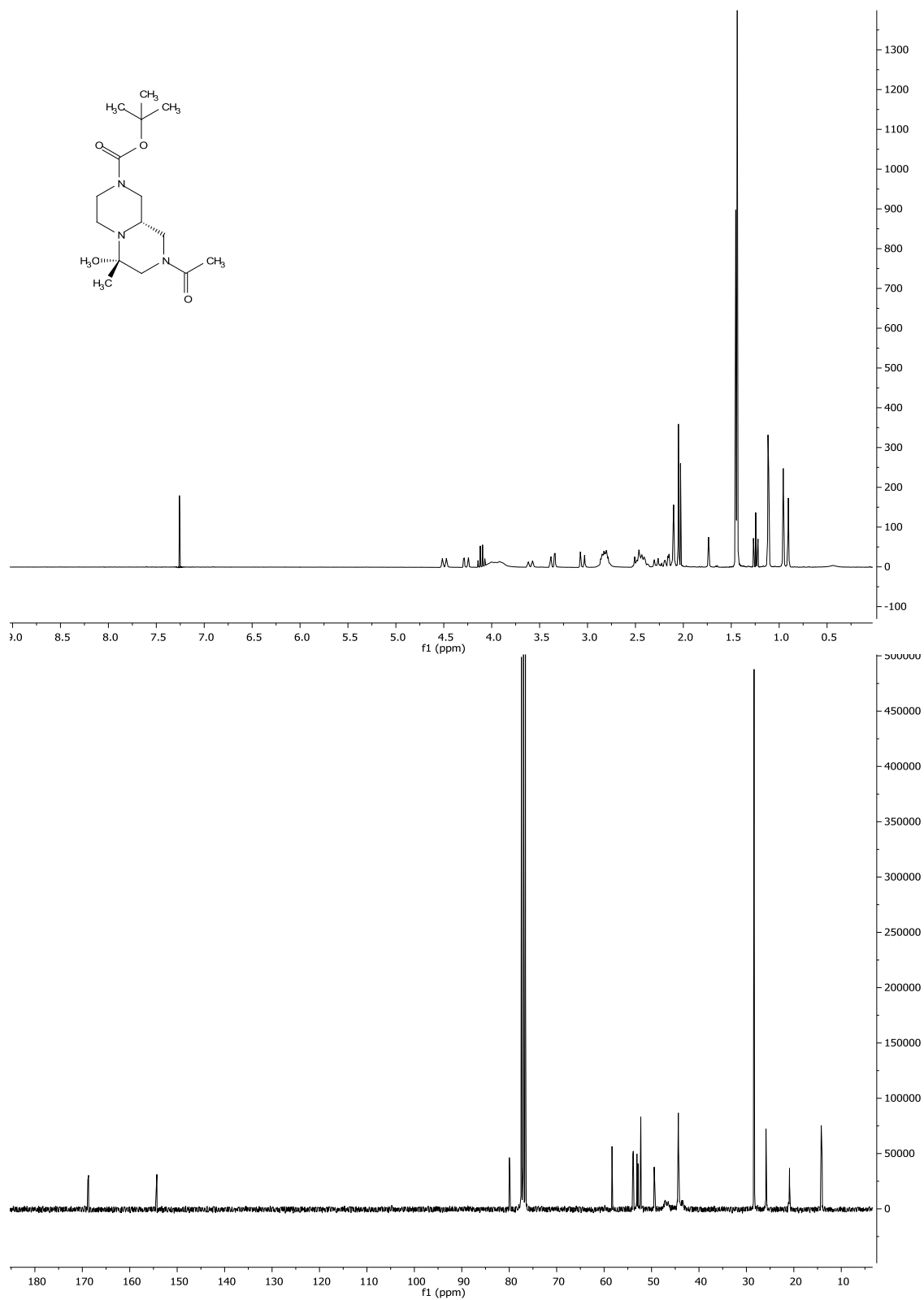
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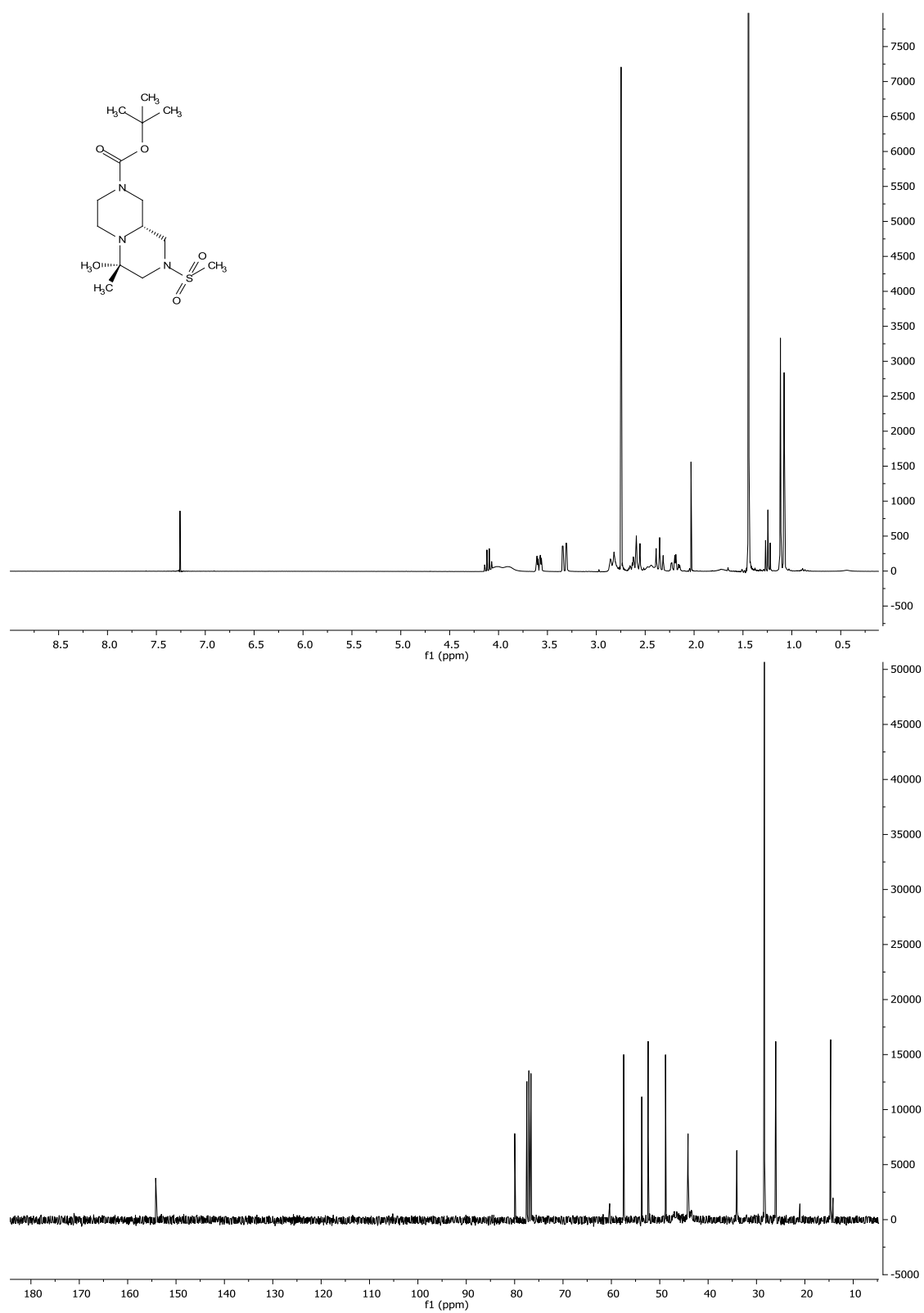
Compound 12{4}



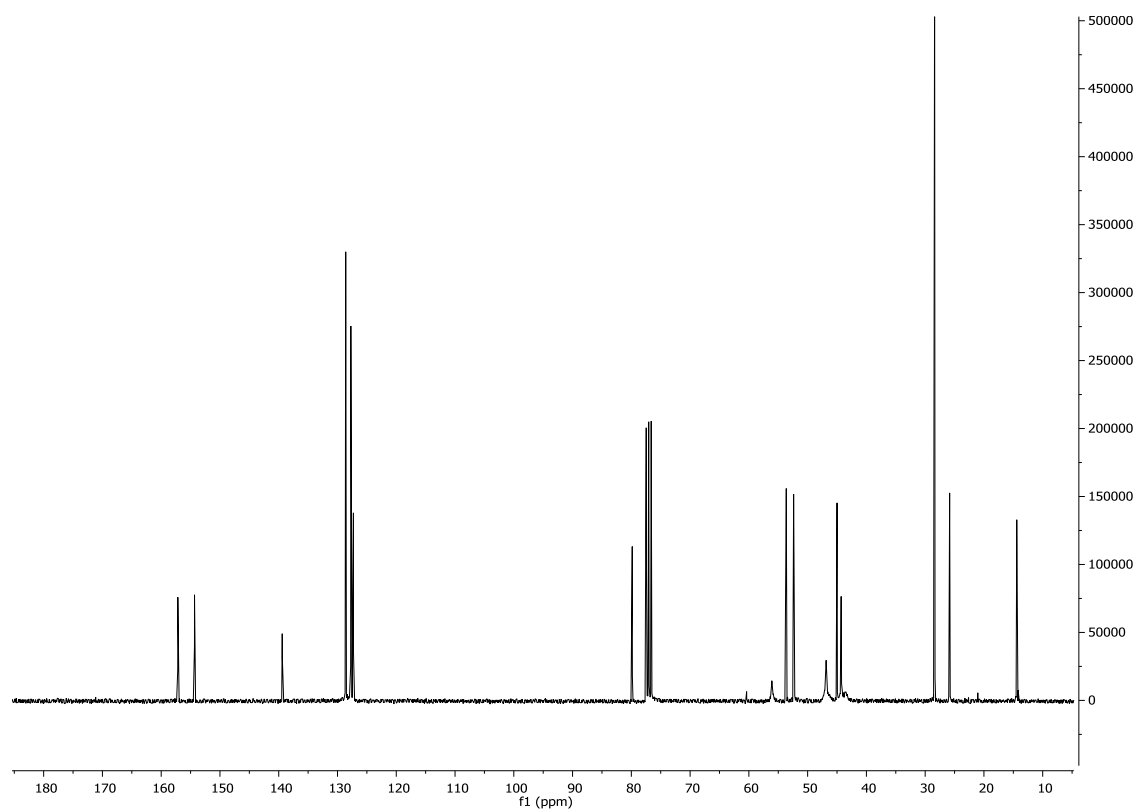
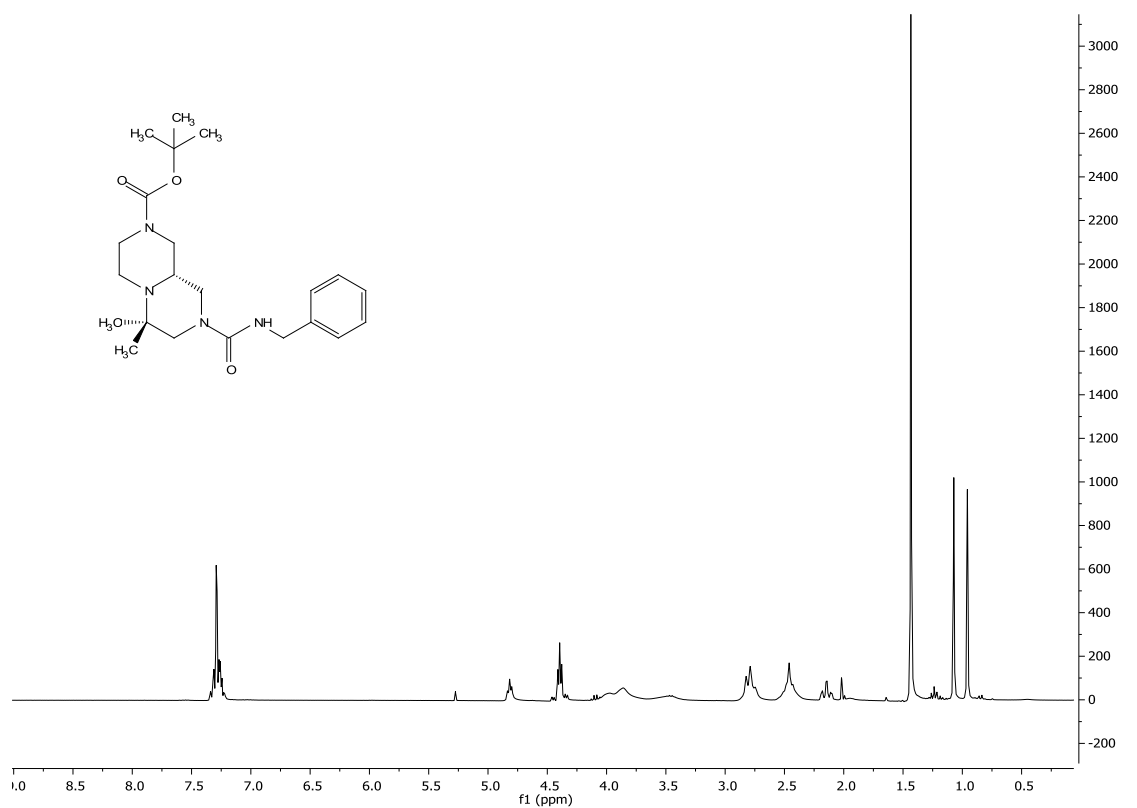
Compound 12{1}



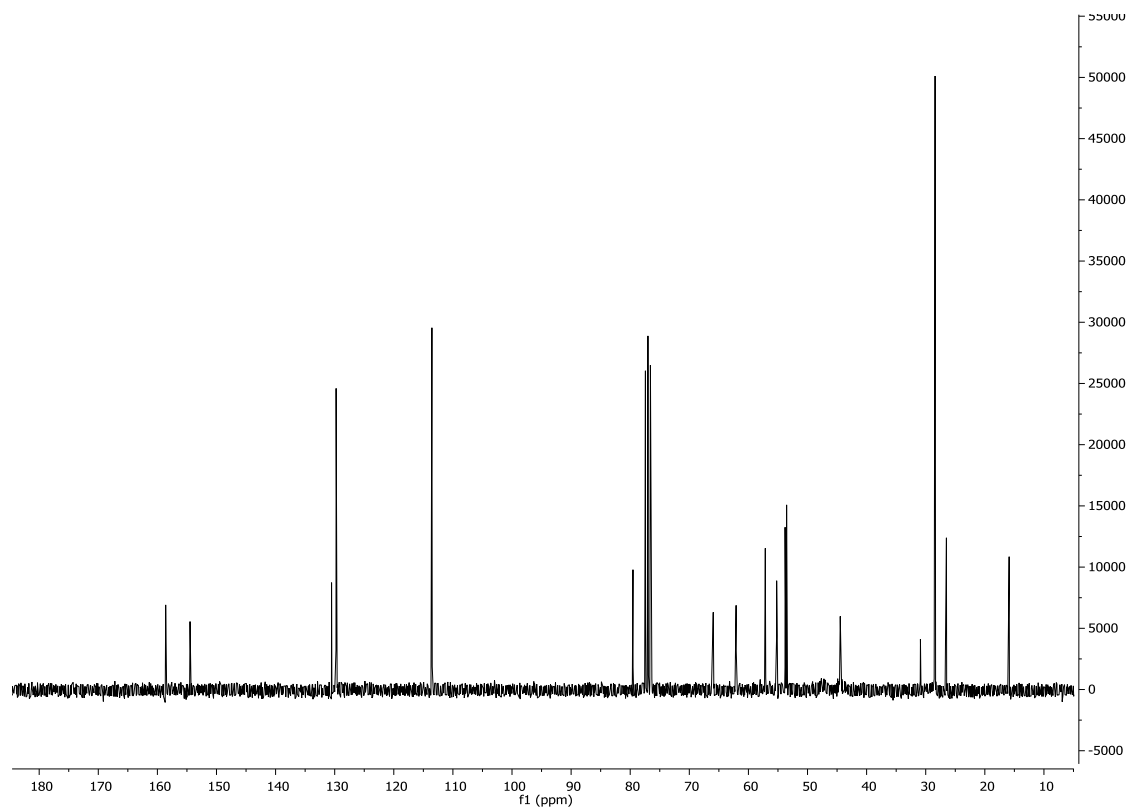
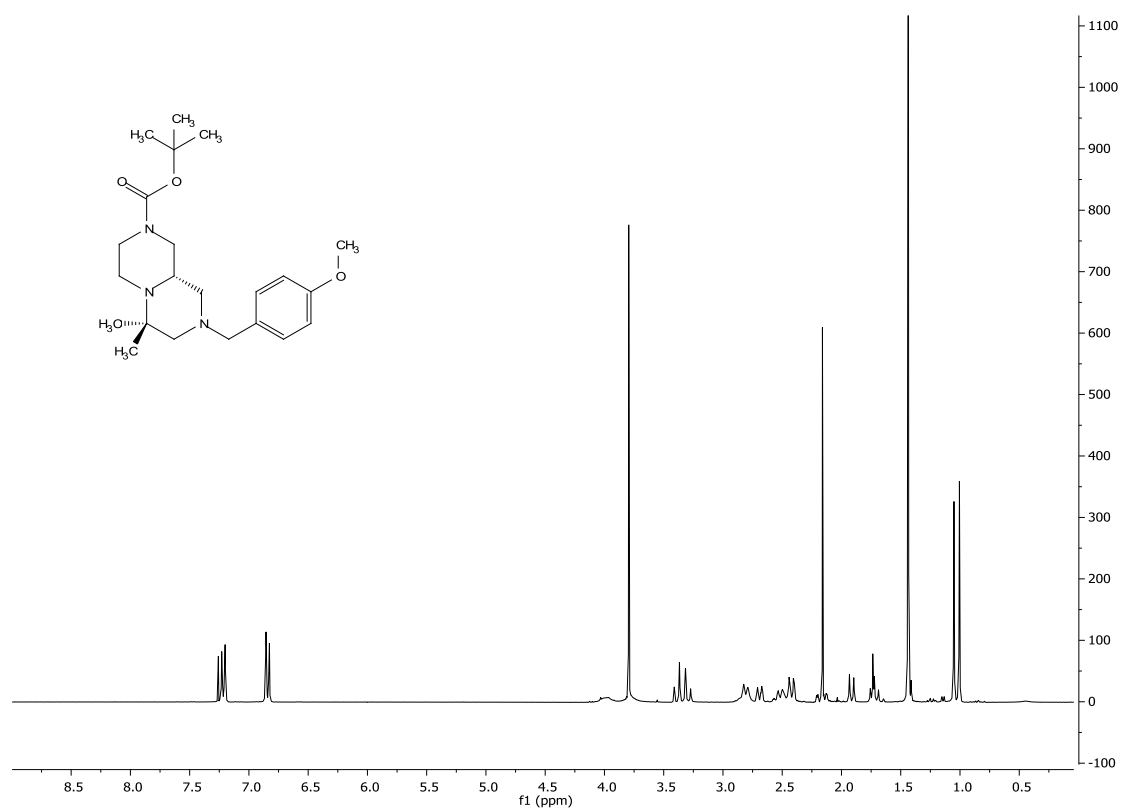
Compound 12{9}



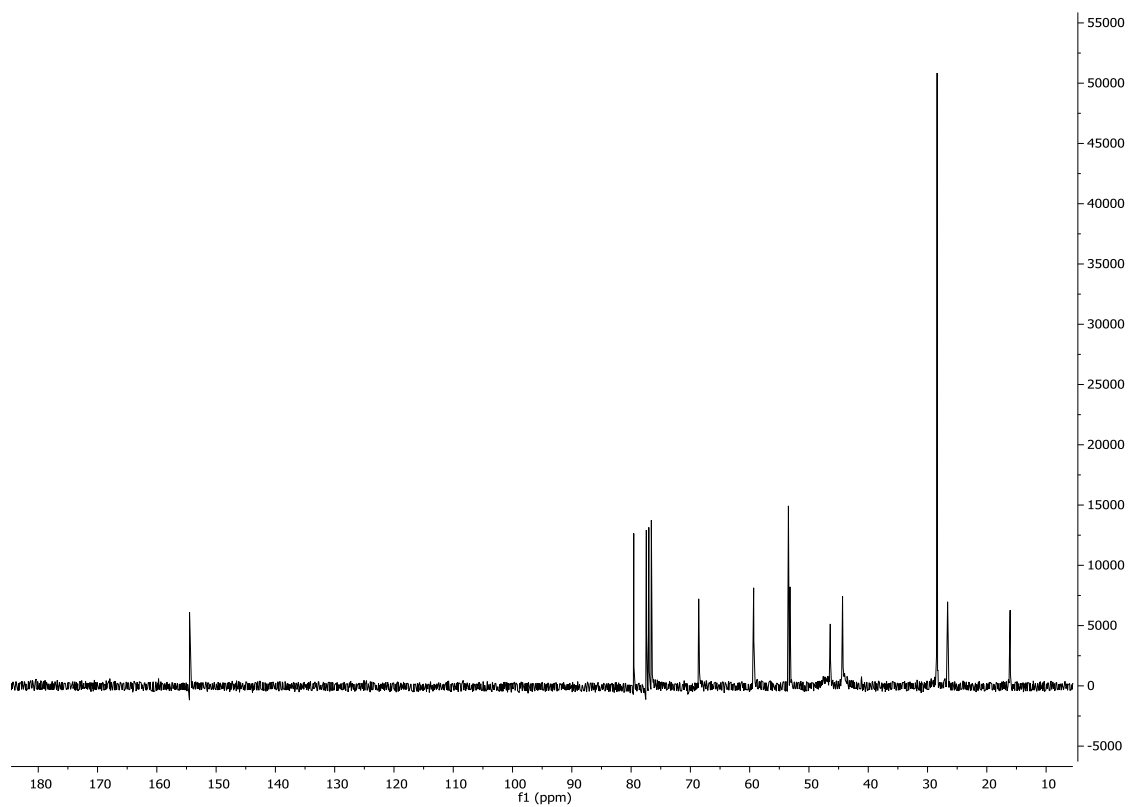
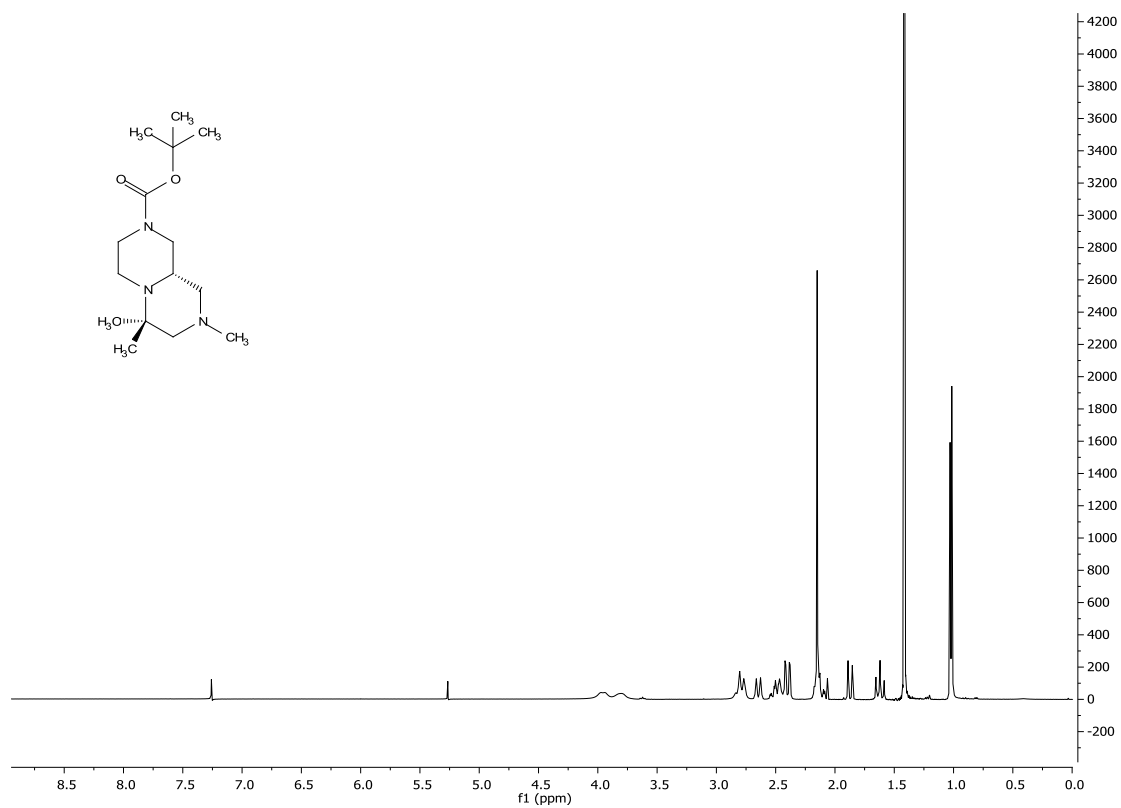
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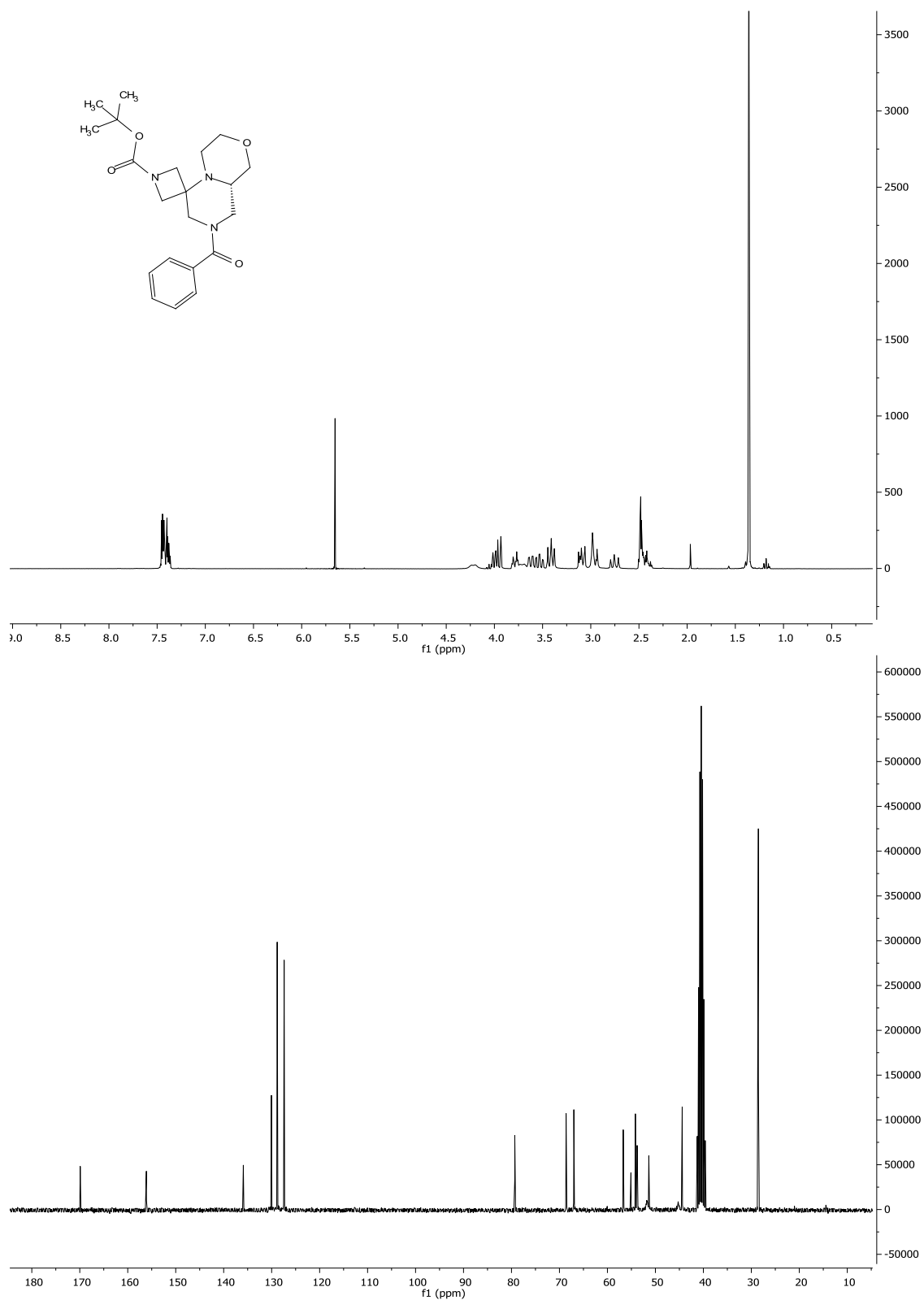


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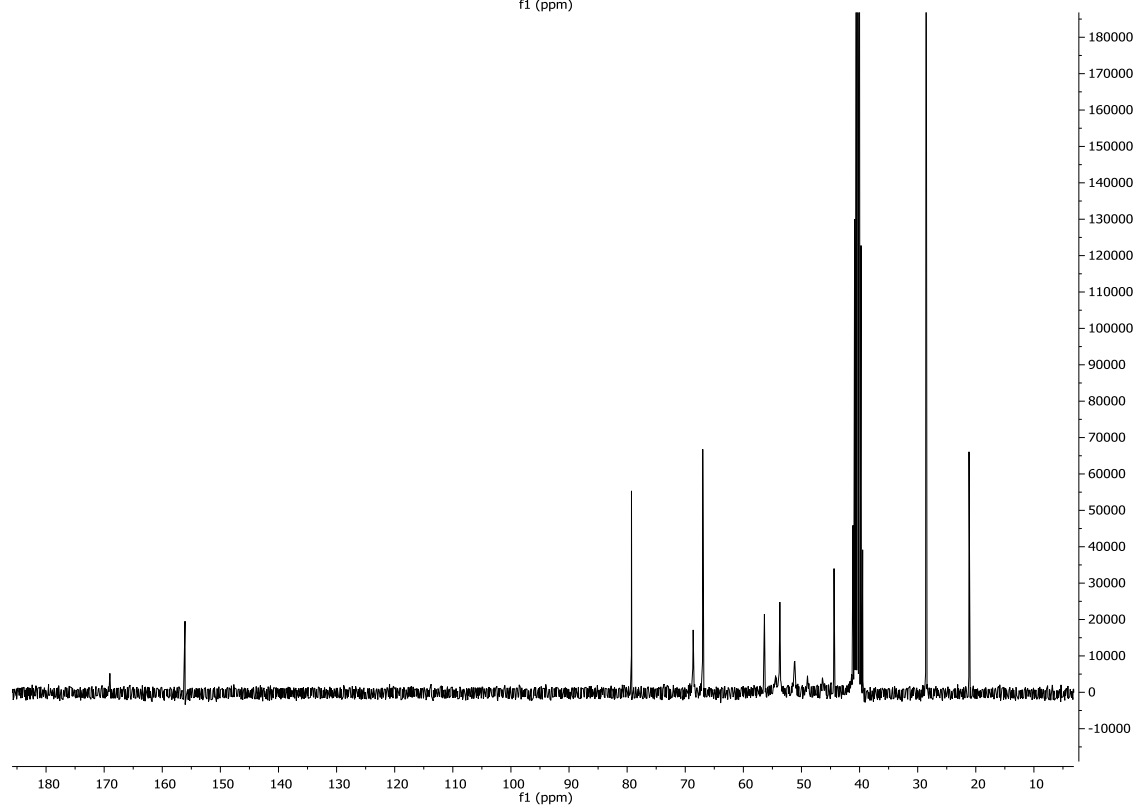
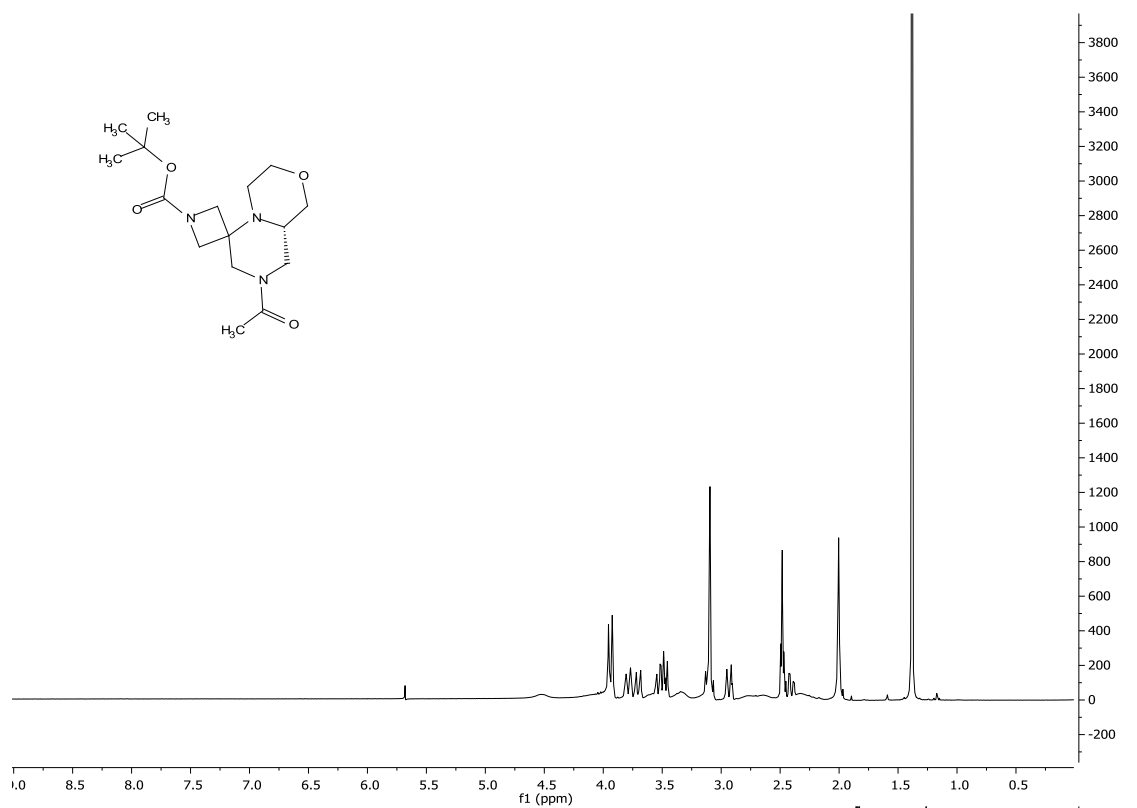


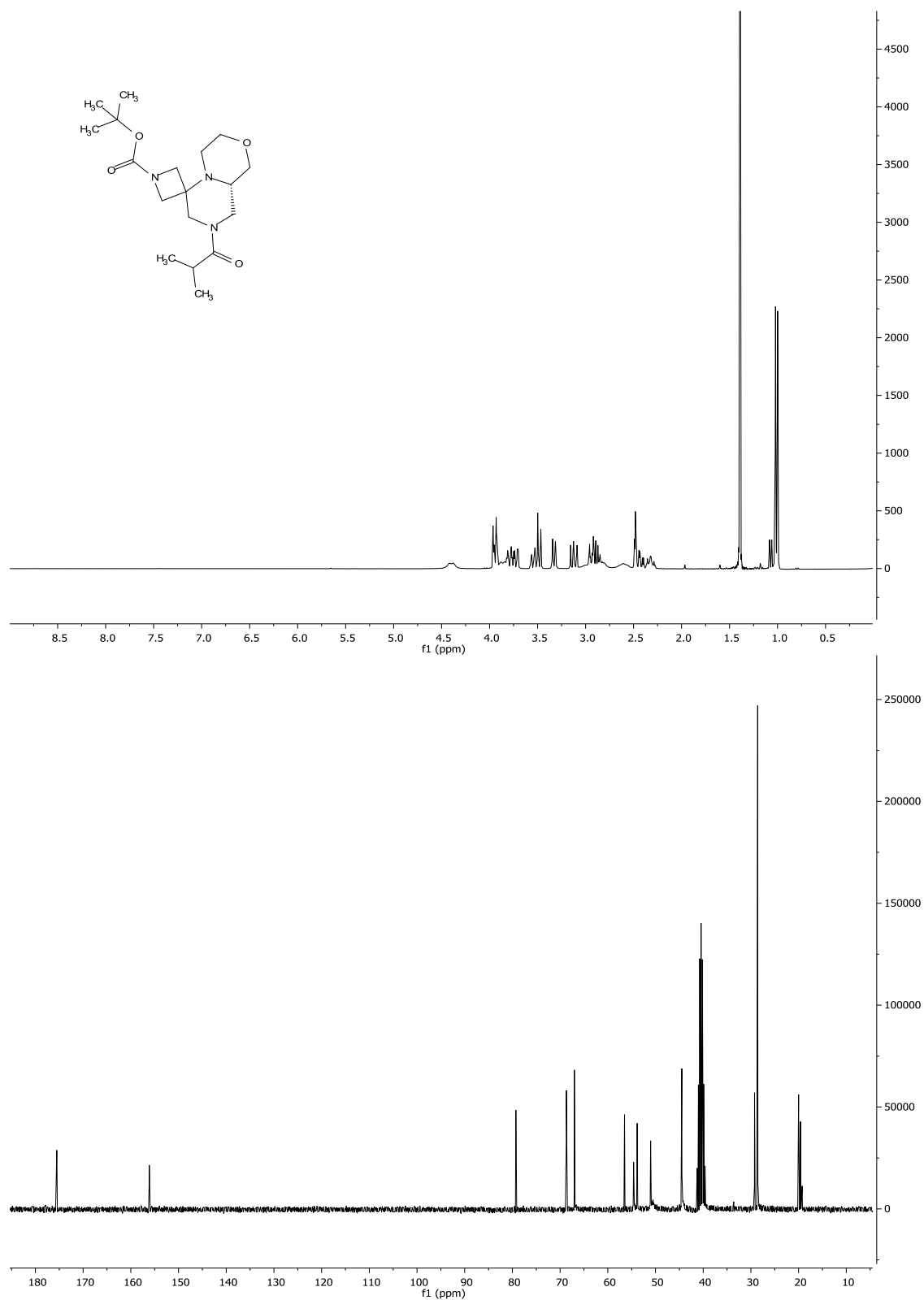
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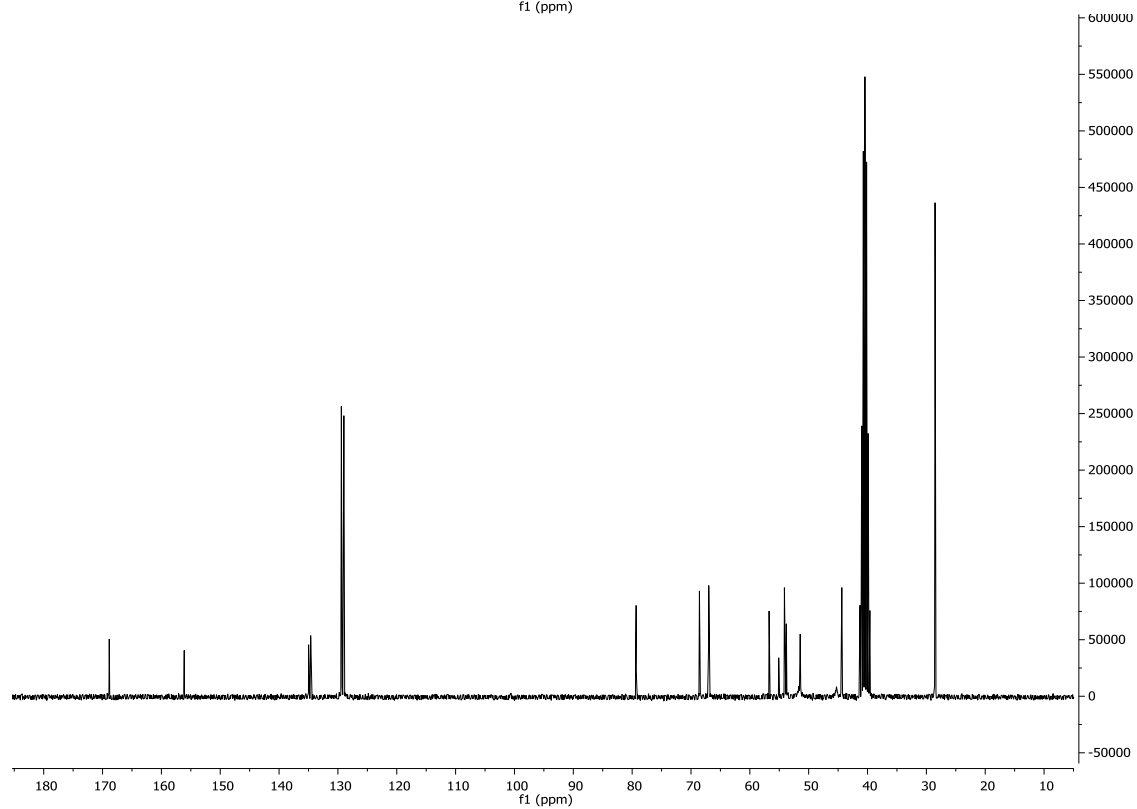
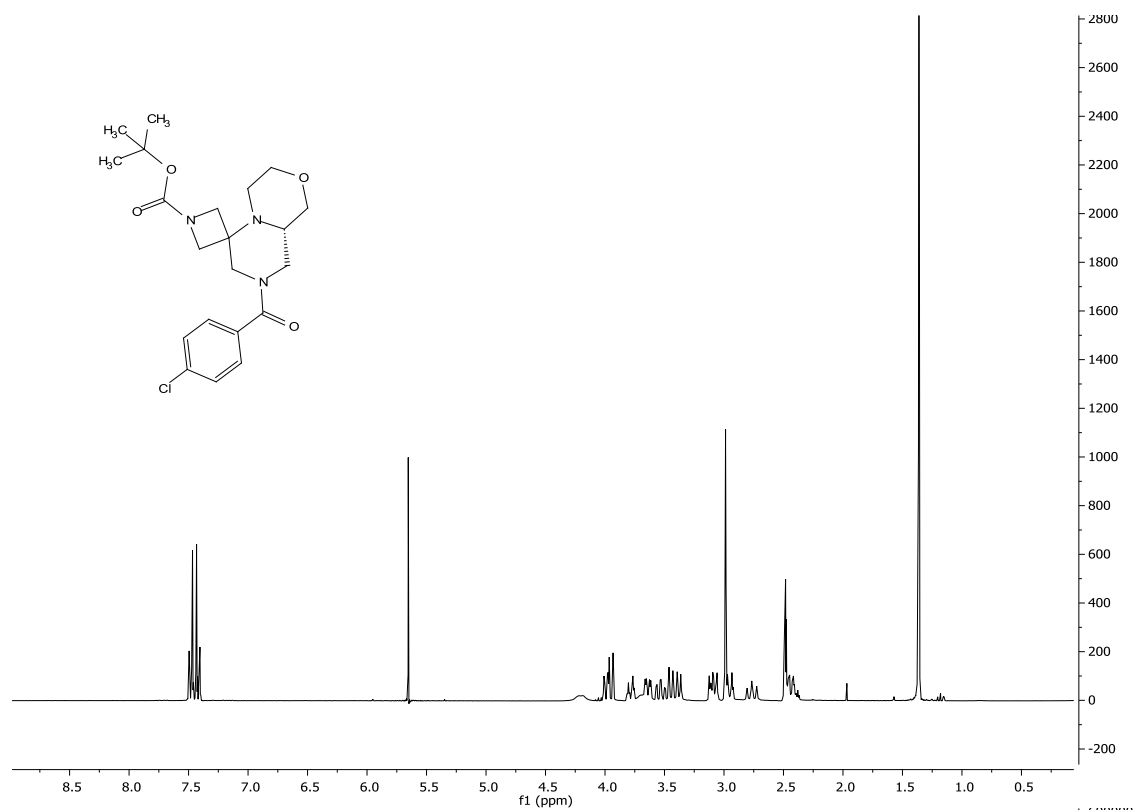
Compound 14{3}

Compound 14{1}

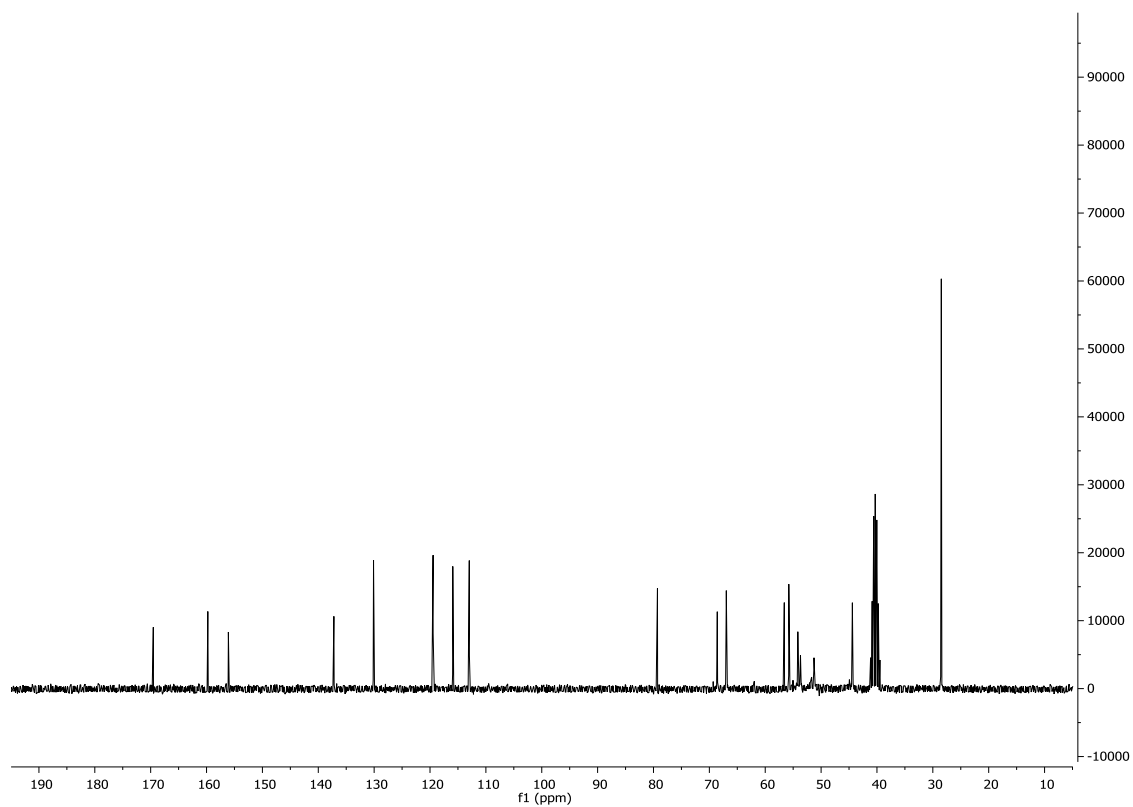
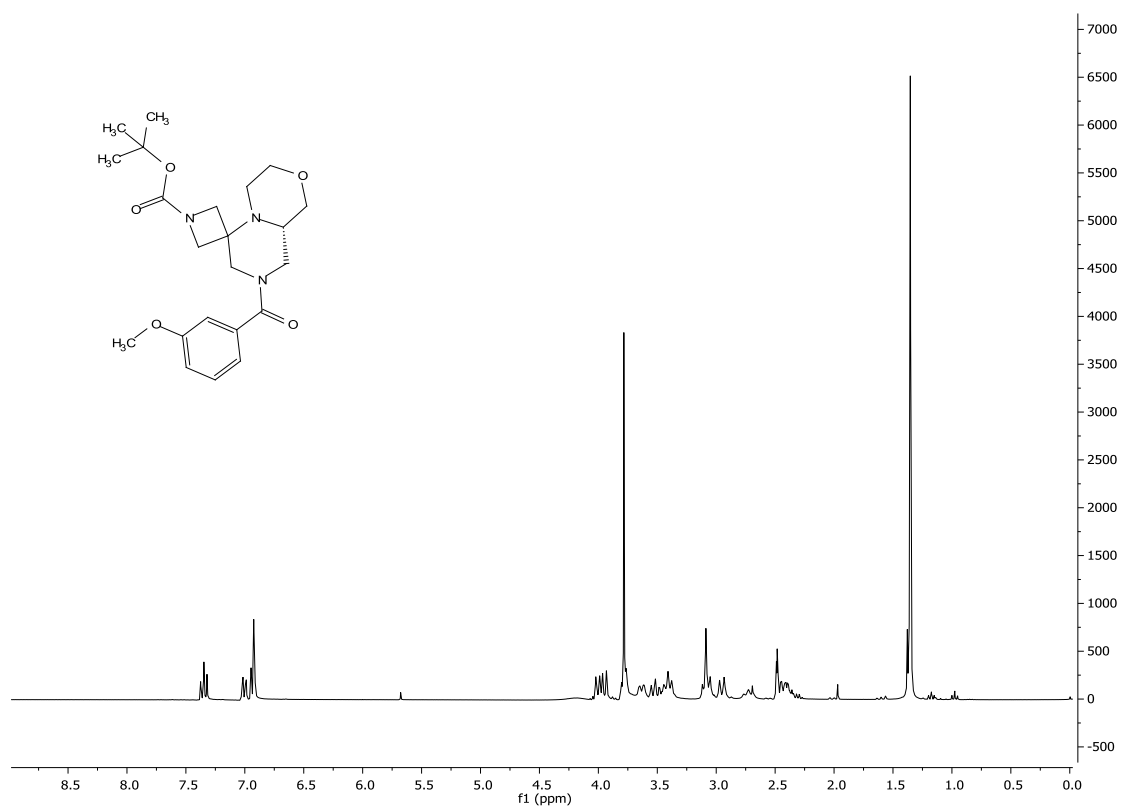


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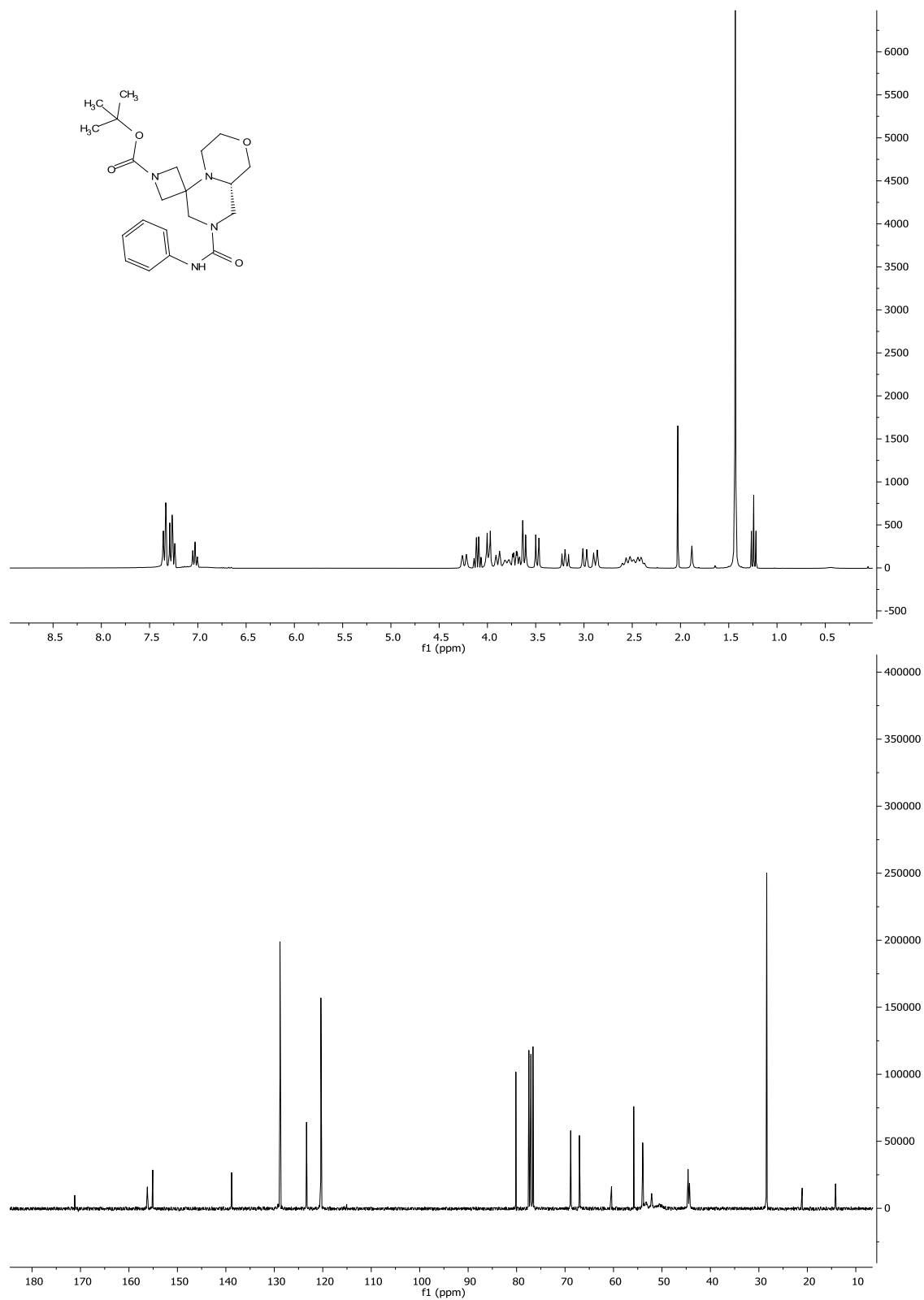
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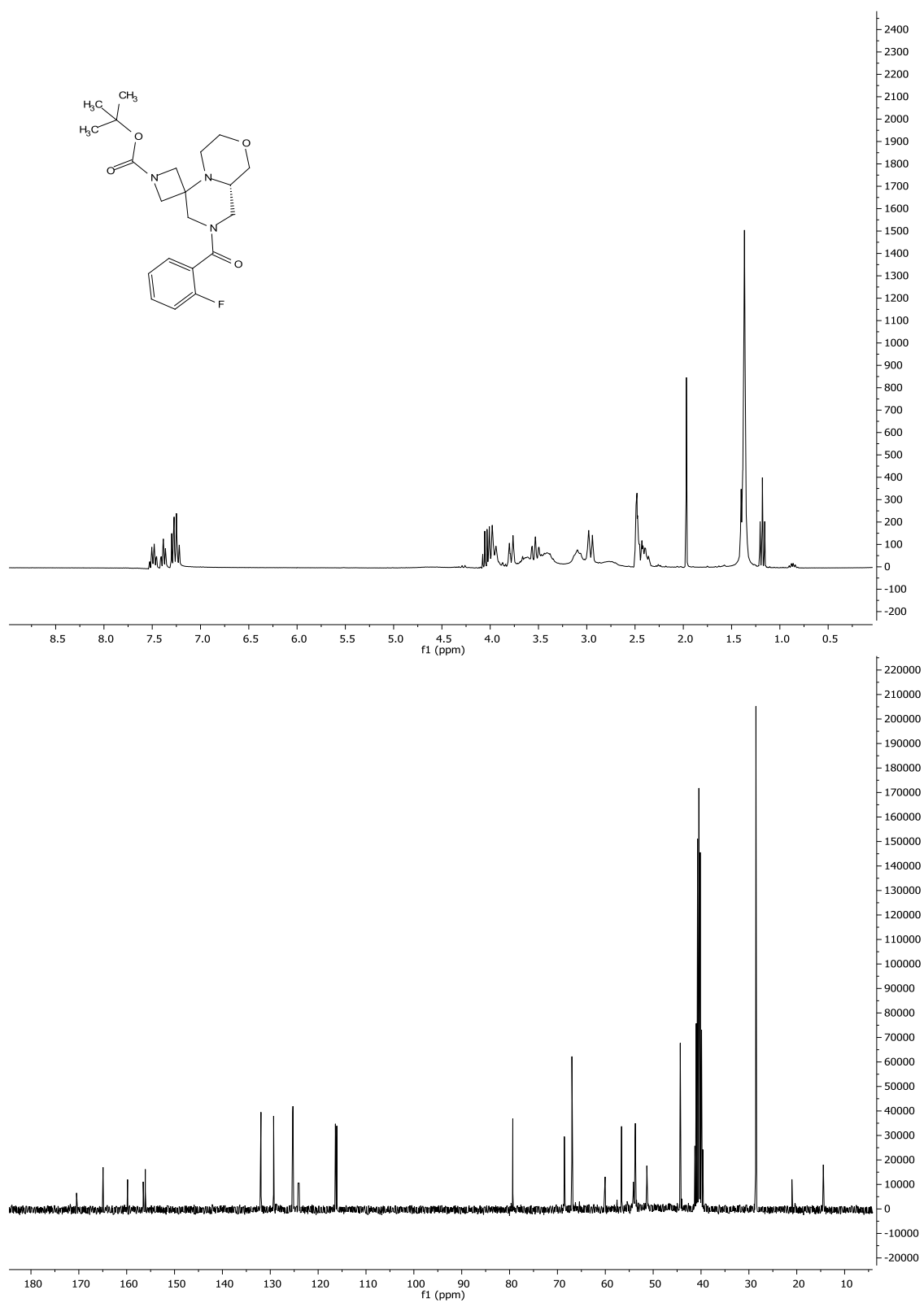
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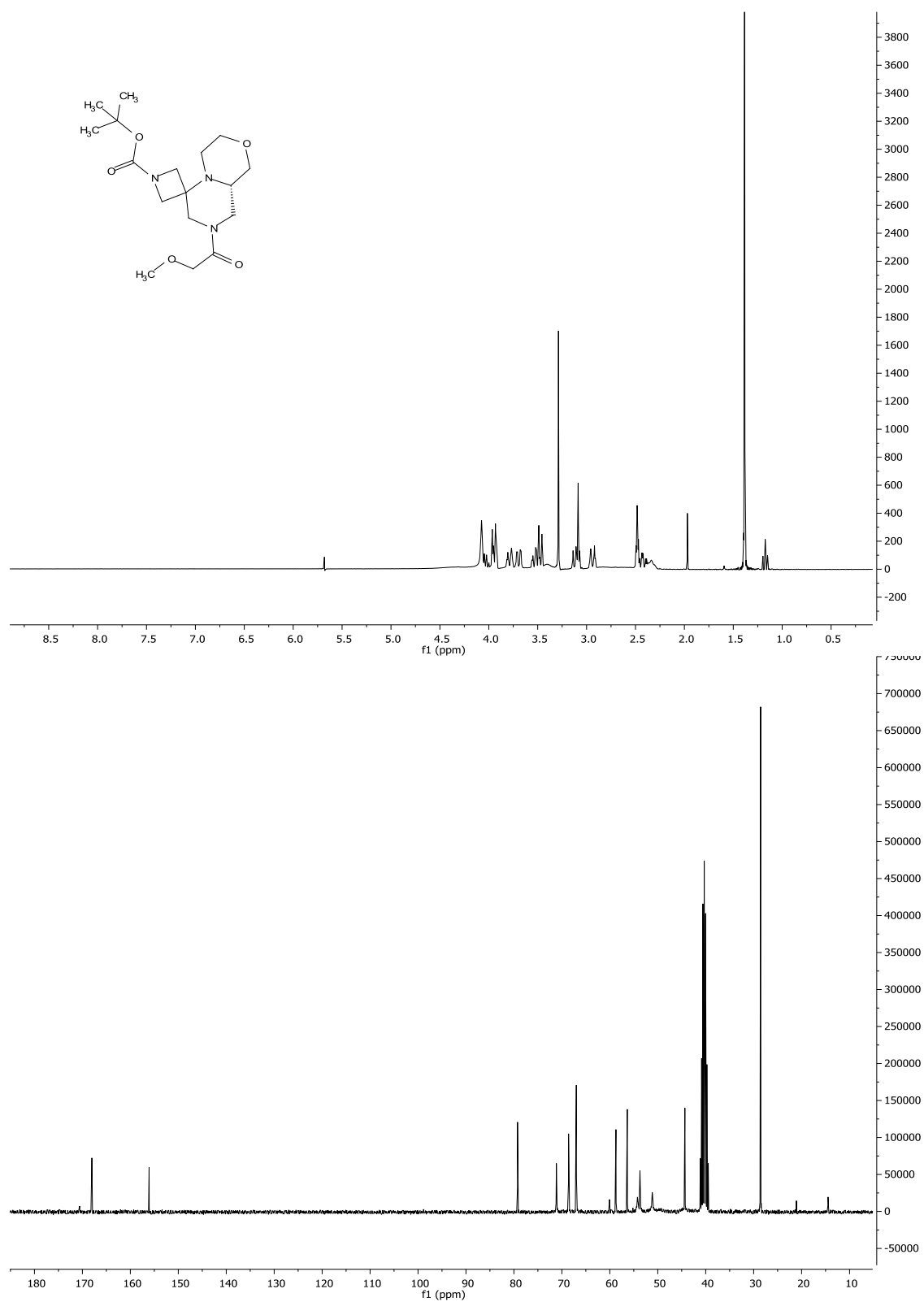
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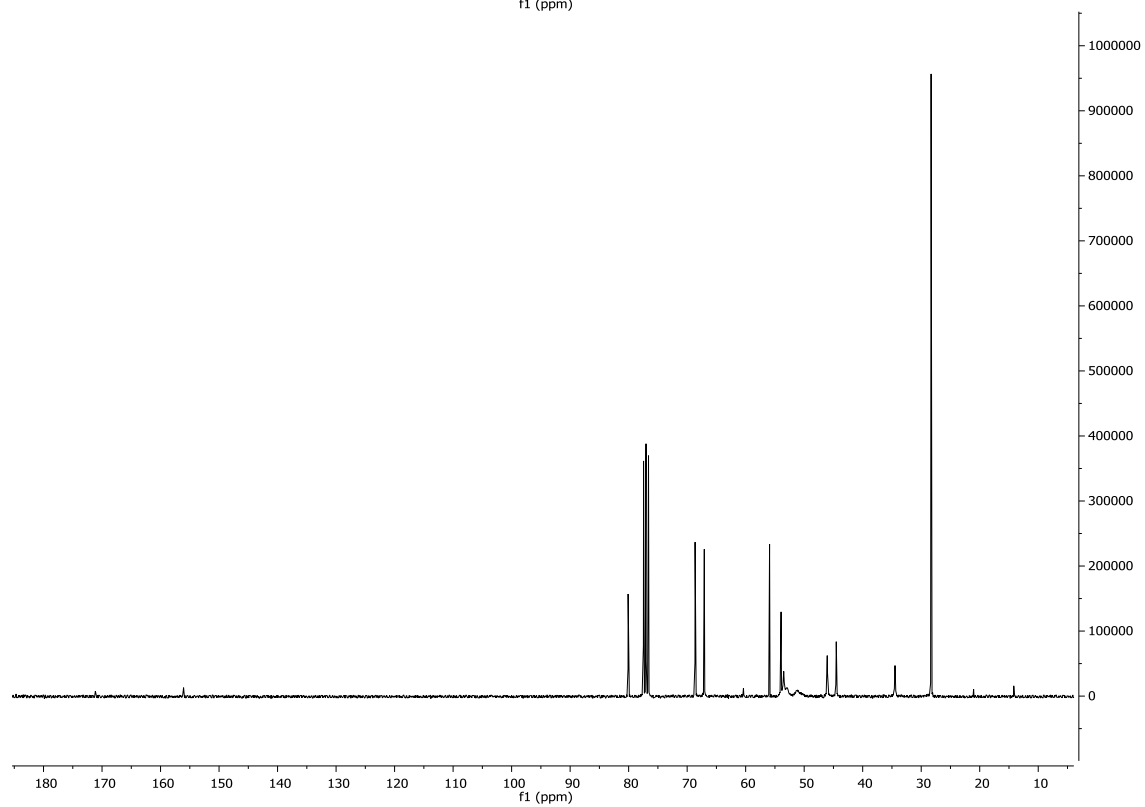
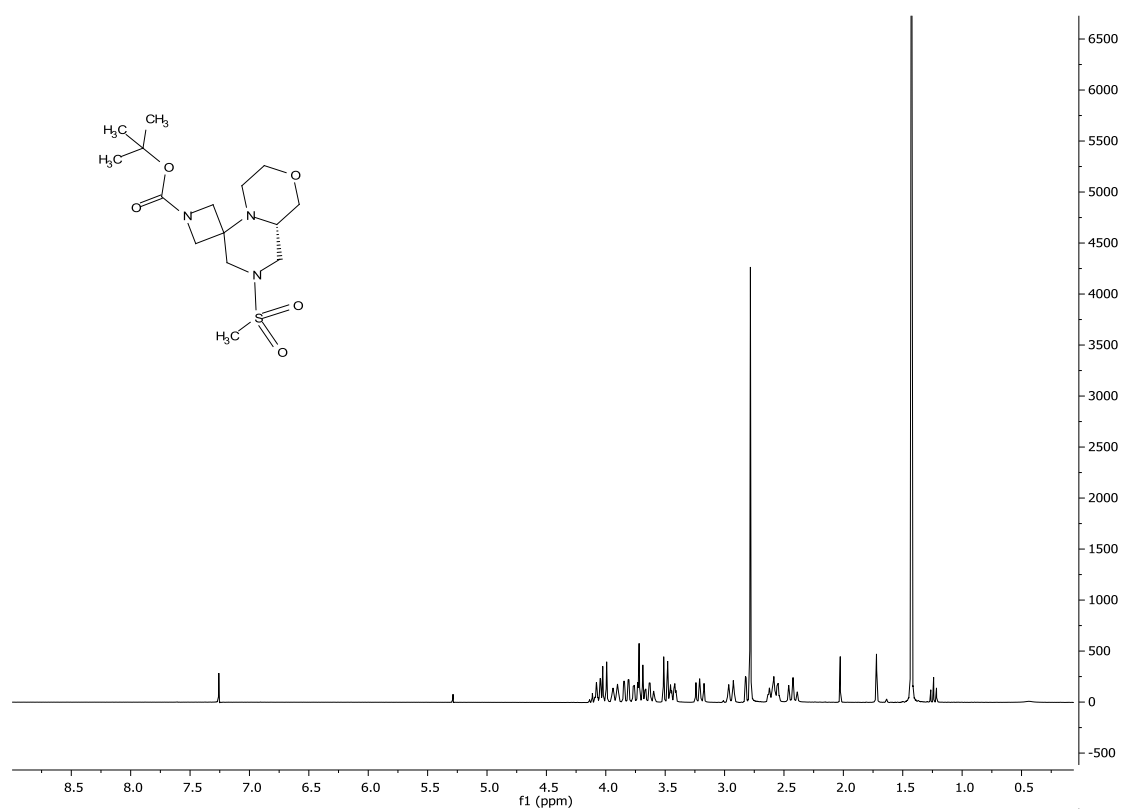
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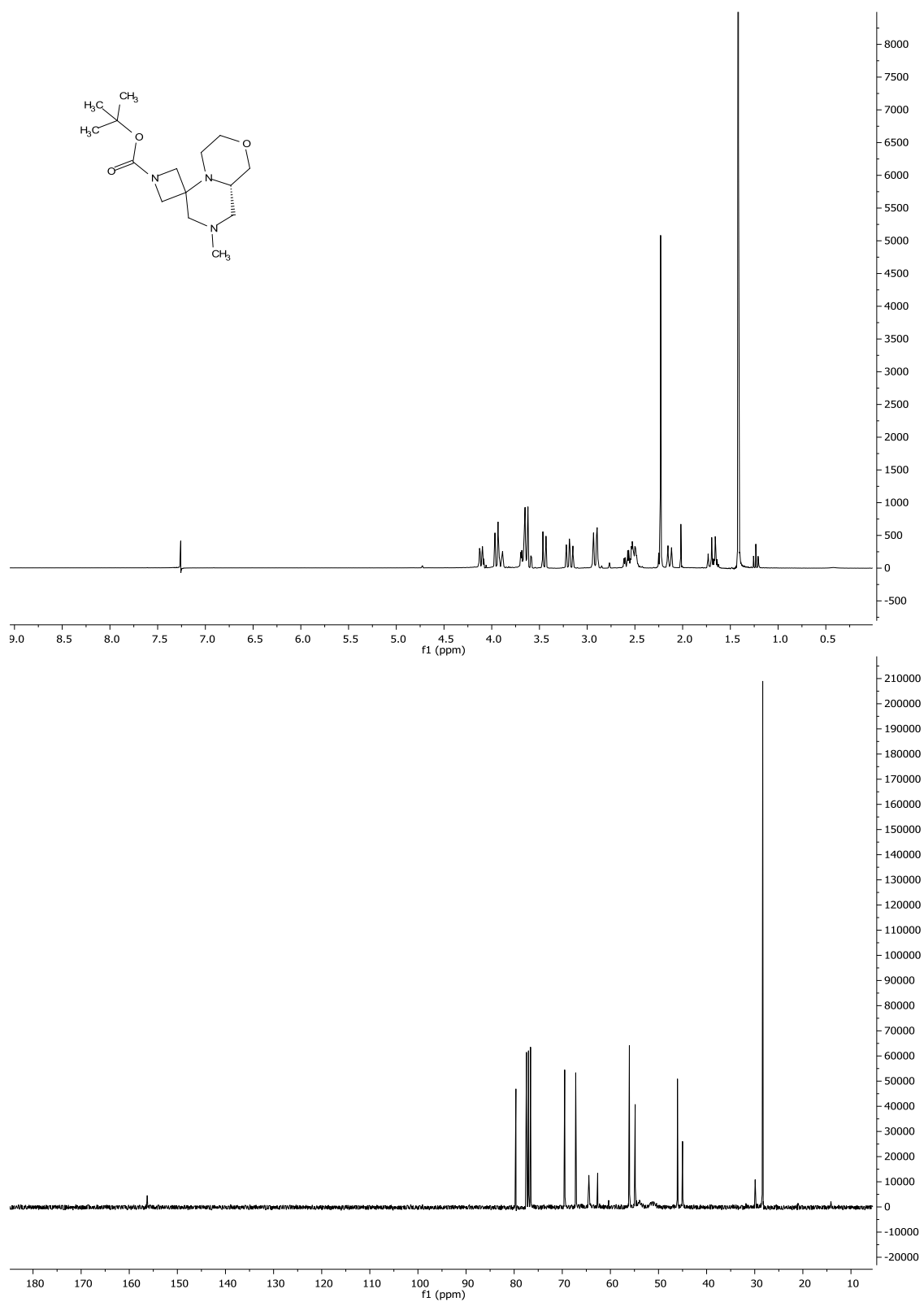
Compound 14{10}



Compound 14{8}



Compound 14{6}



Compound 14{2}

