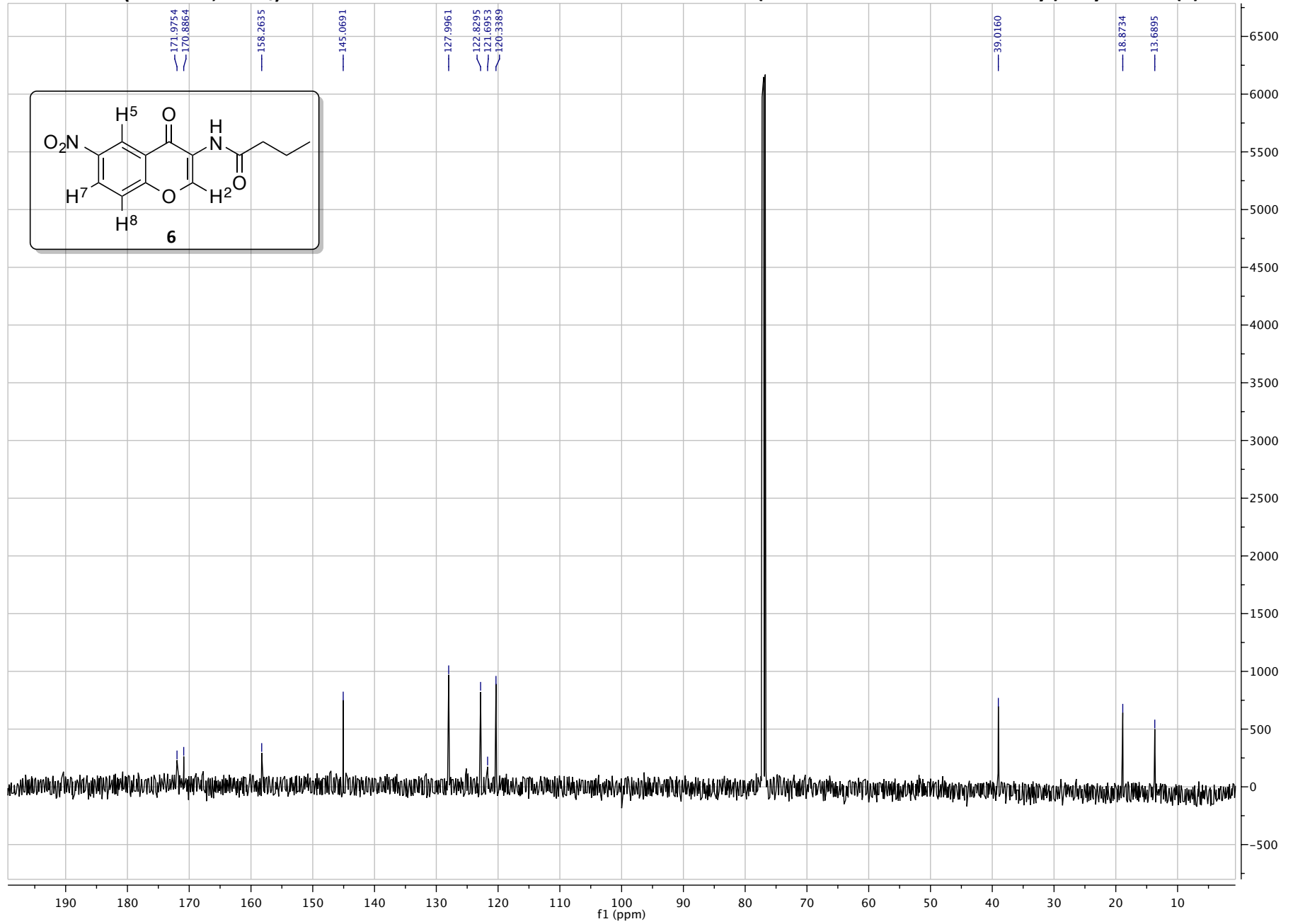


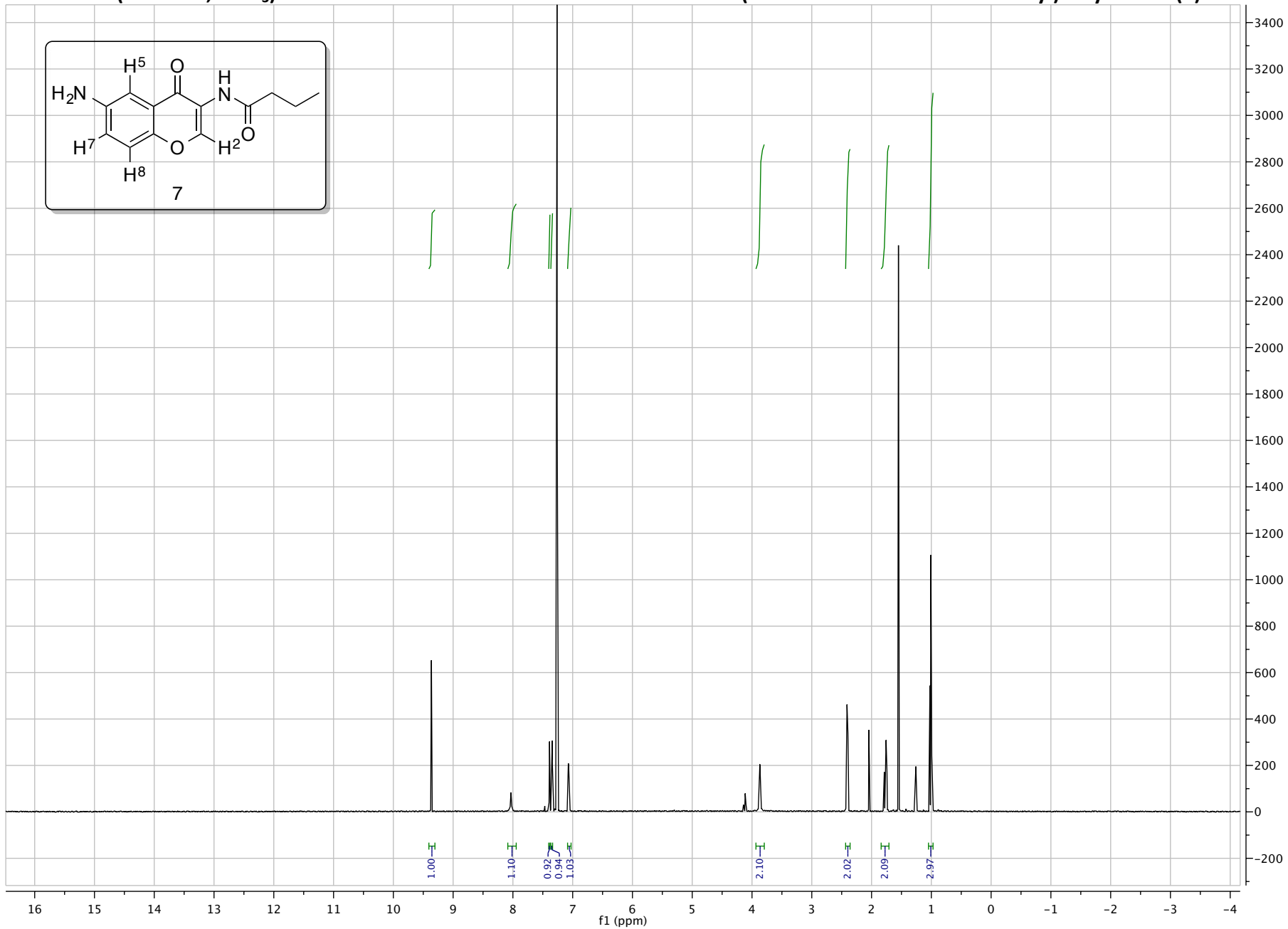
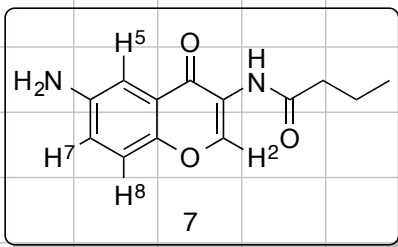
<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

*N*-(6-nitro-4-oxo-4*H*-chromen-3-yl)butyramide (6)



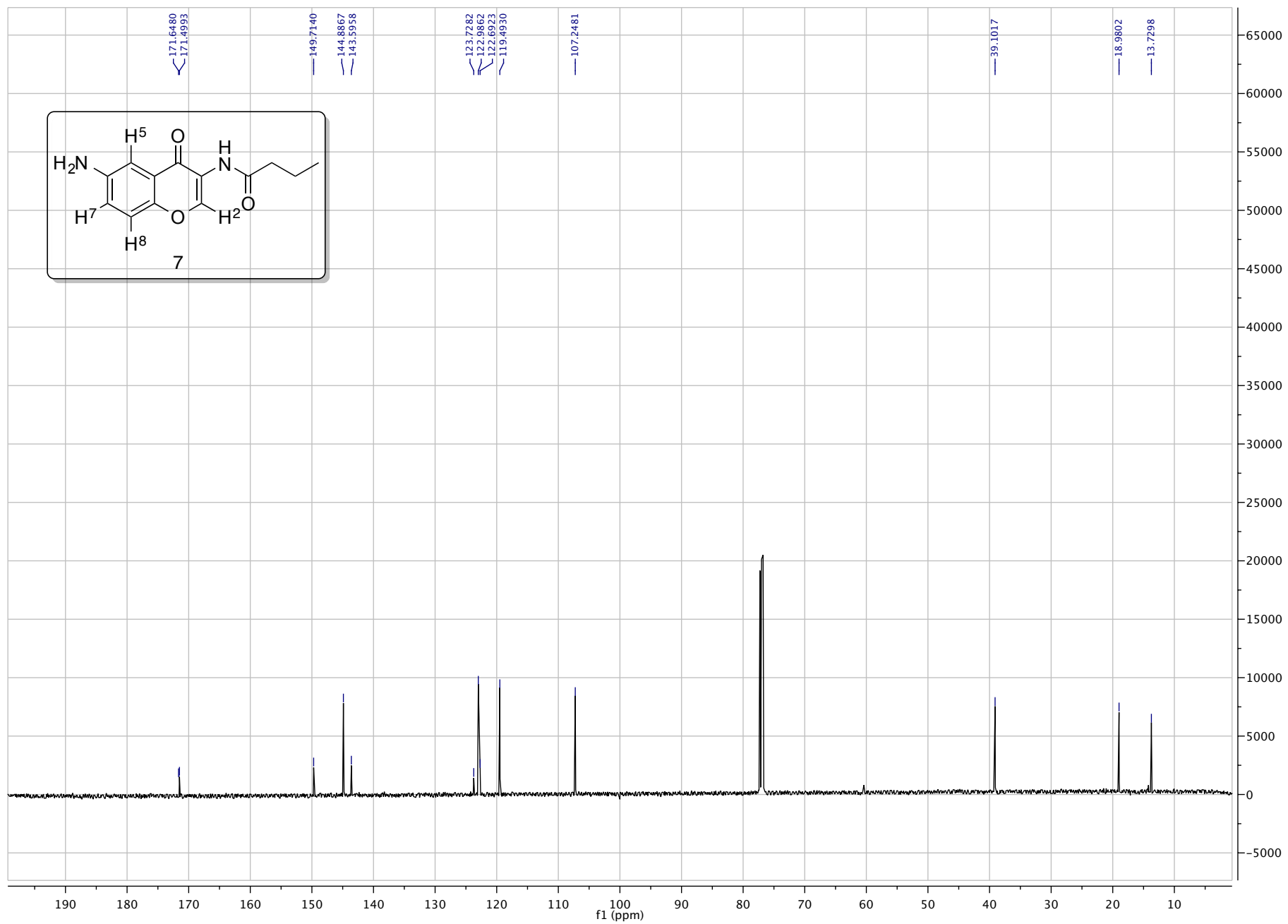
<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)

*N*-(6-amino-4-oxo-4*H*-chromen-3-yl)butyramide (7)



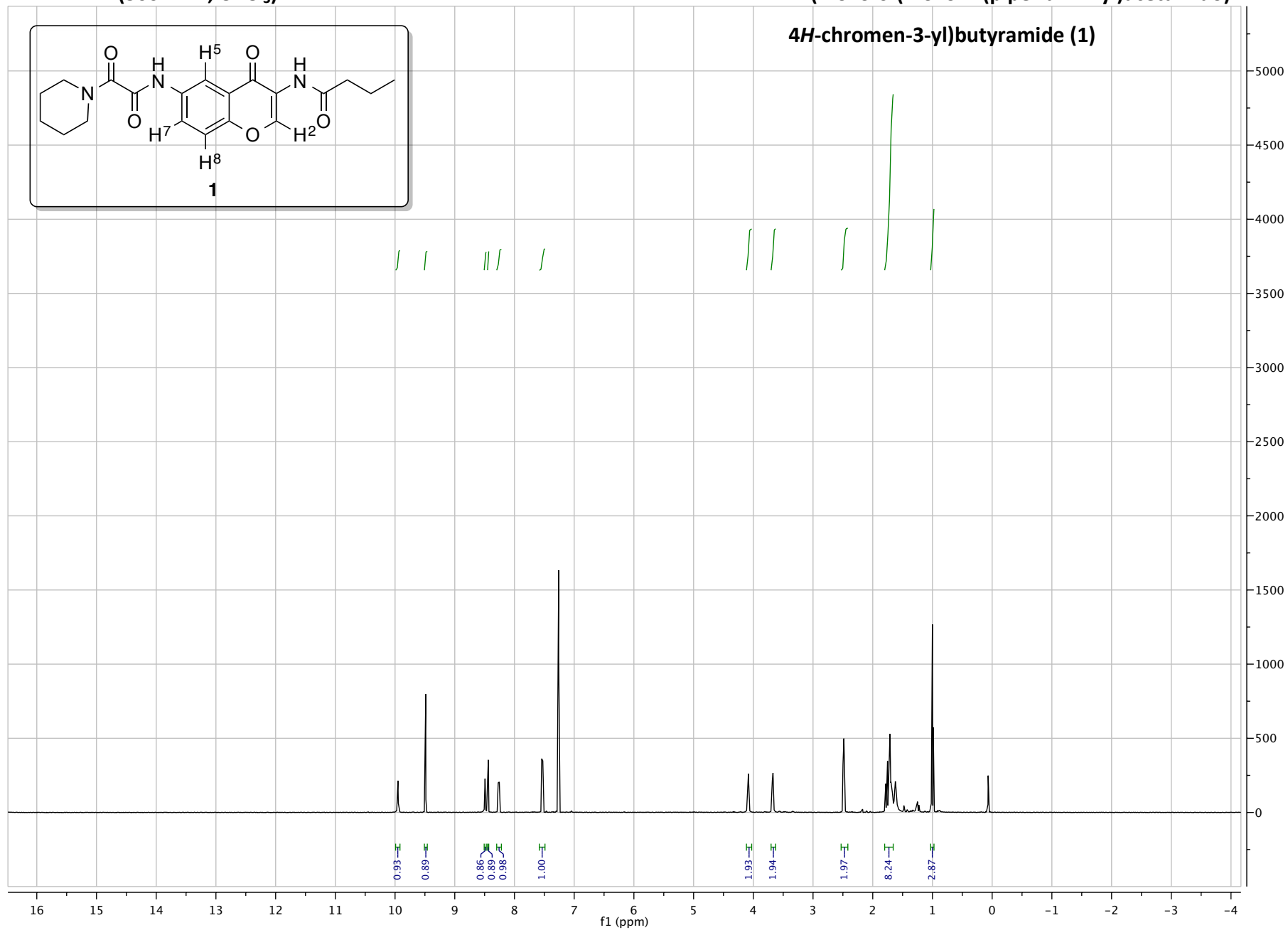
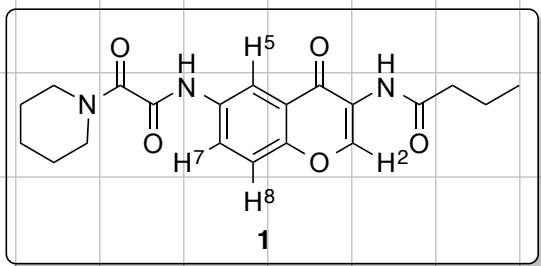
<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

*N*-(6-amino-4-oxo-4*H*-chromen-3-yl)butyramide (7)



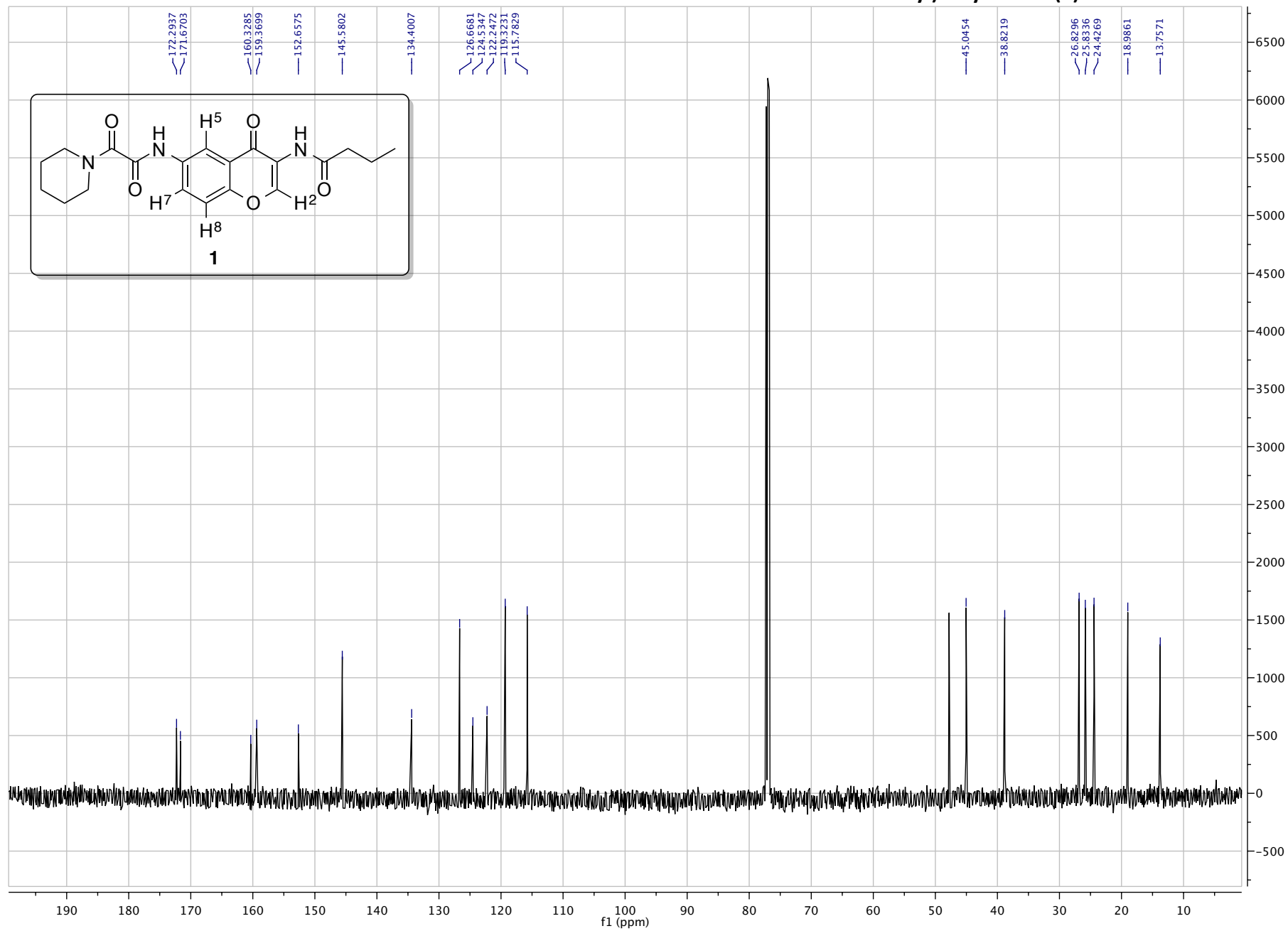
<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)

*N*-(4-oxo-6-(2-oxo-2-(piperidin-1-yl)acetamido)-  
4*H*-chromen-3-yl)butyramide (1)



<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

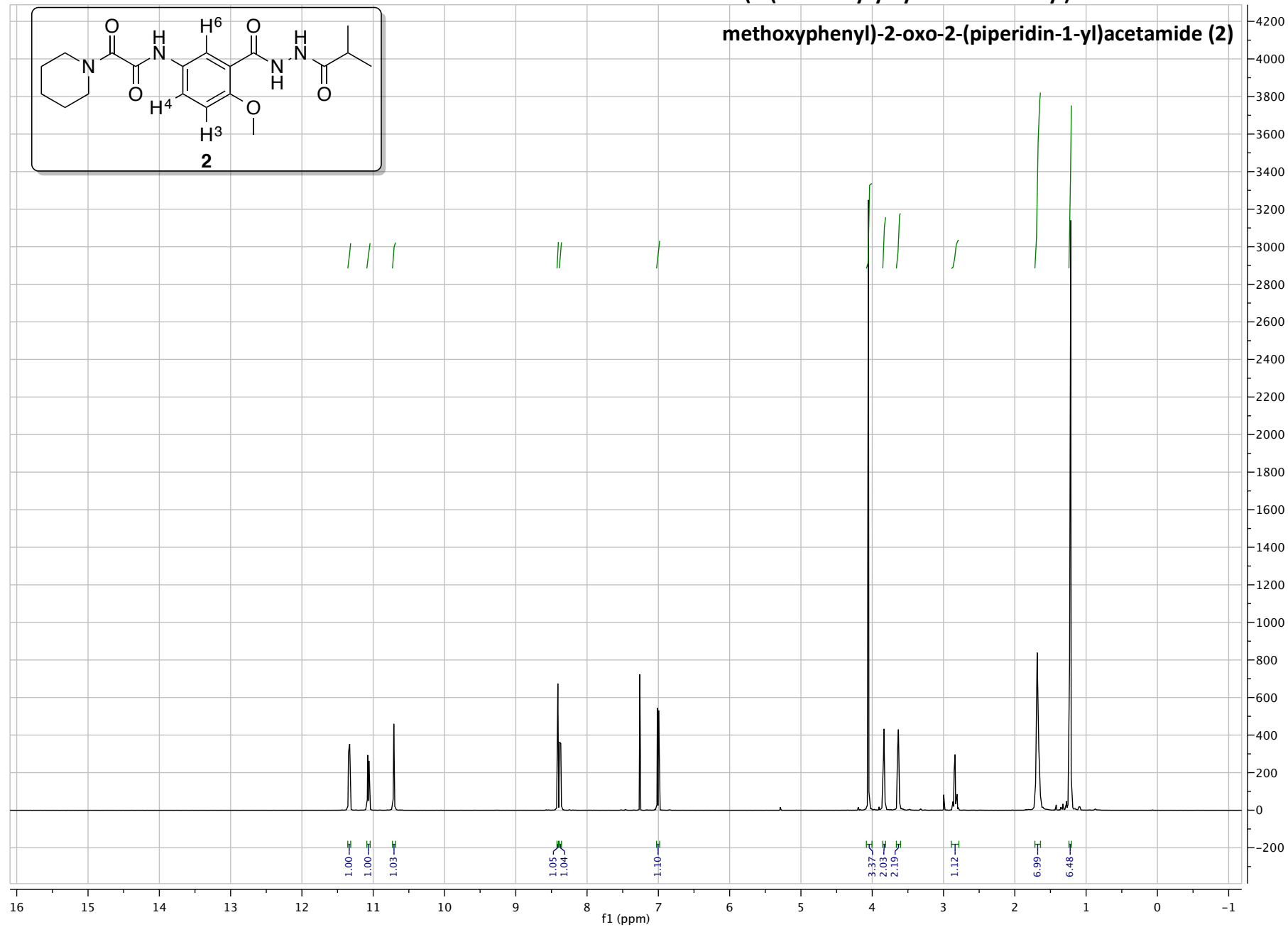
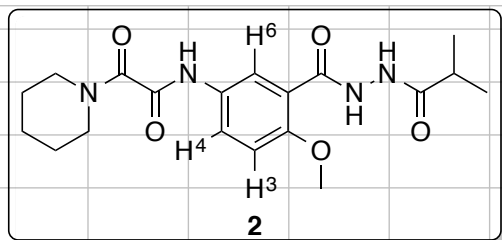
*N*-(4-oxo-6-(2-oxo-2-(piperidin-1-yl)acetamido)-  
4*H*-chromen-3-yl)butyramide (1)



<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)

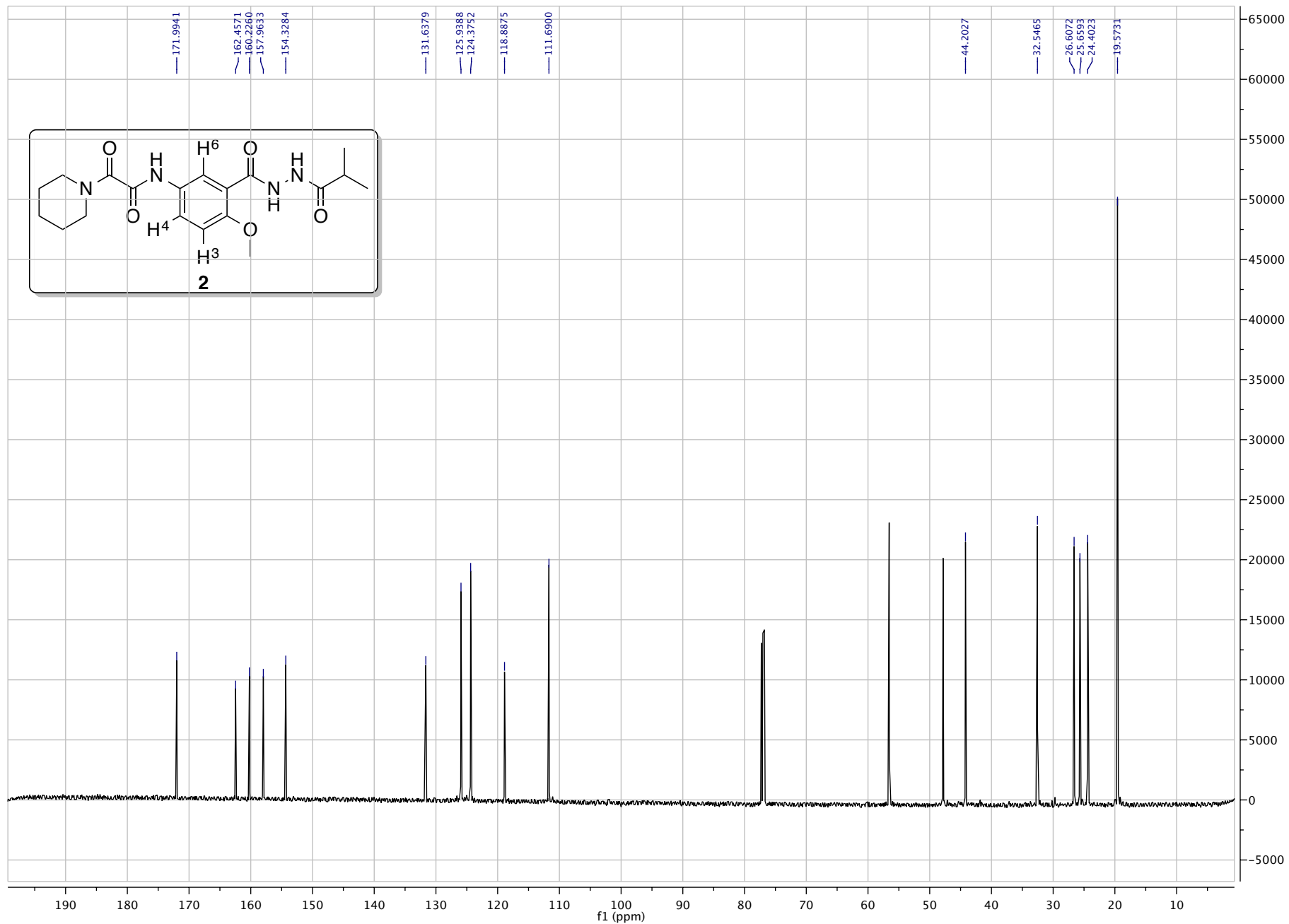
*N*-(3-(2-isobutylhydrazinecarbonyl)-4-

methoxyphenyl)-2-oxo-2-(piperidin-1-yl)acetamide (**2**)



<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

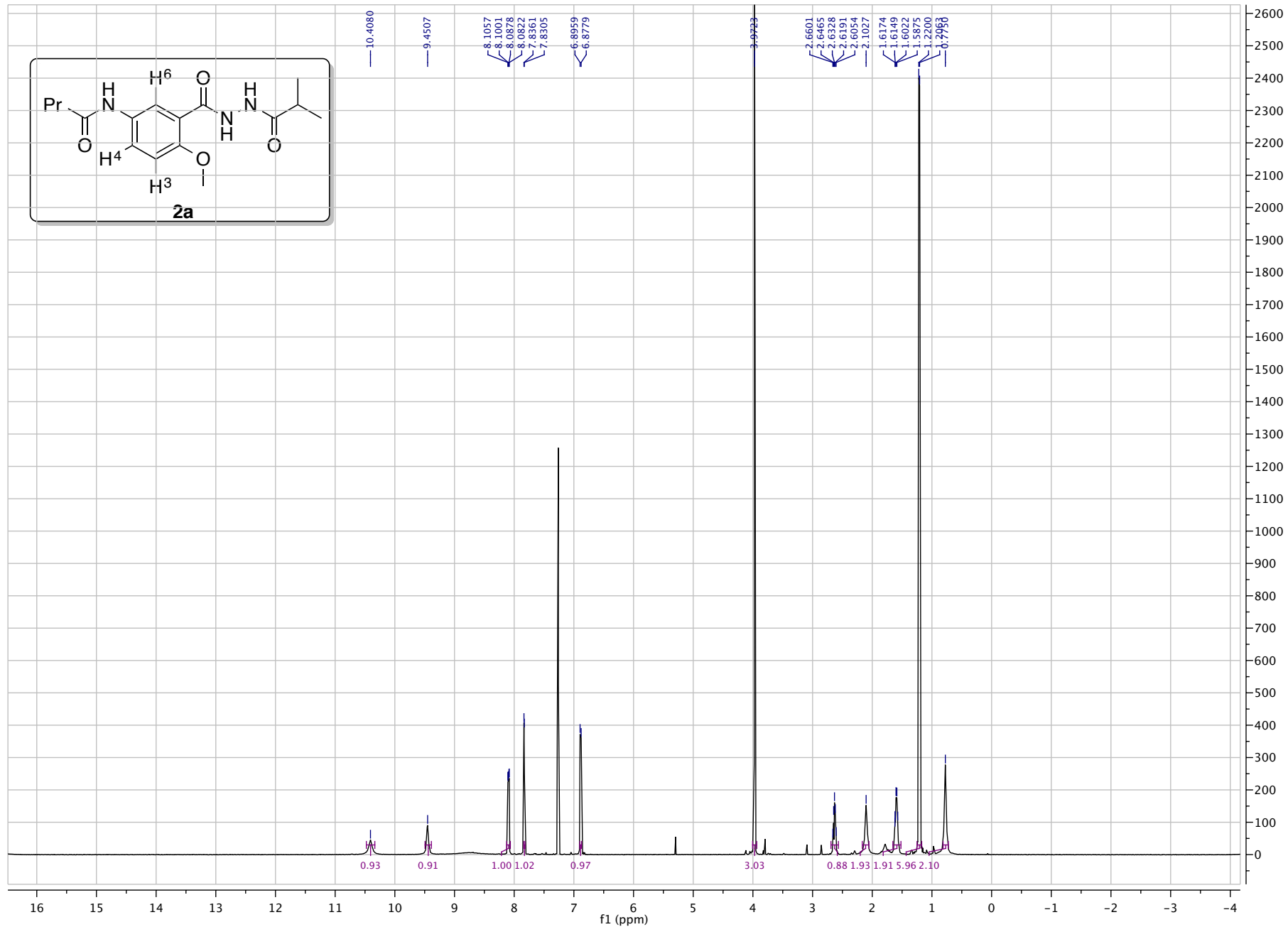
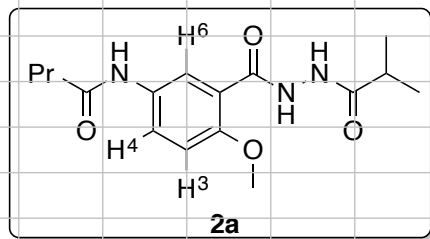
***N*-(3-(2-isobutyrylhydrazinecarbonyl)-4-methoxyphenyl)-2-oxo-2-(piperidin-1-yl)acetamide (2)**





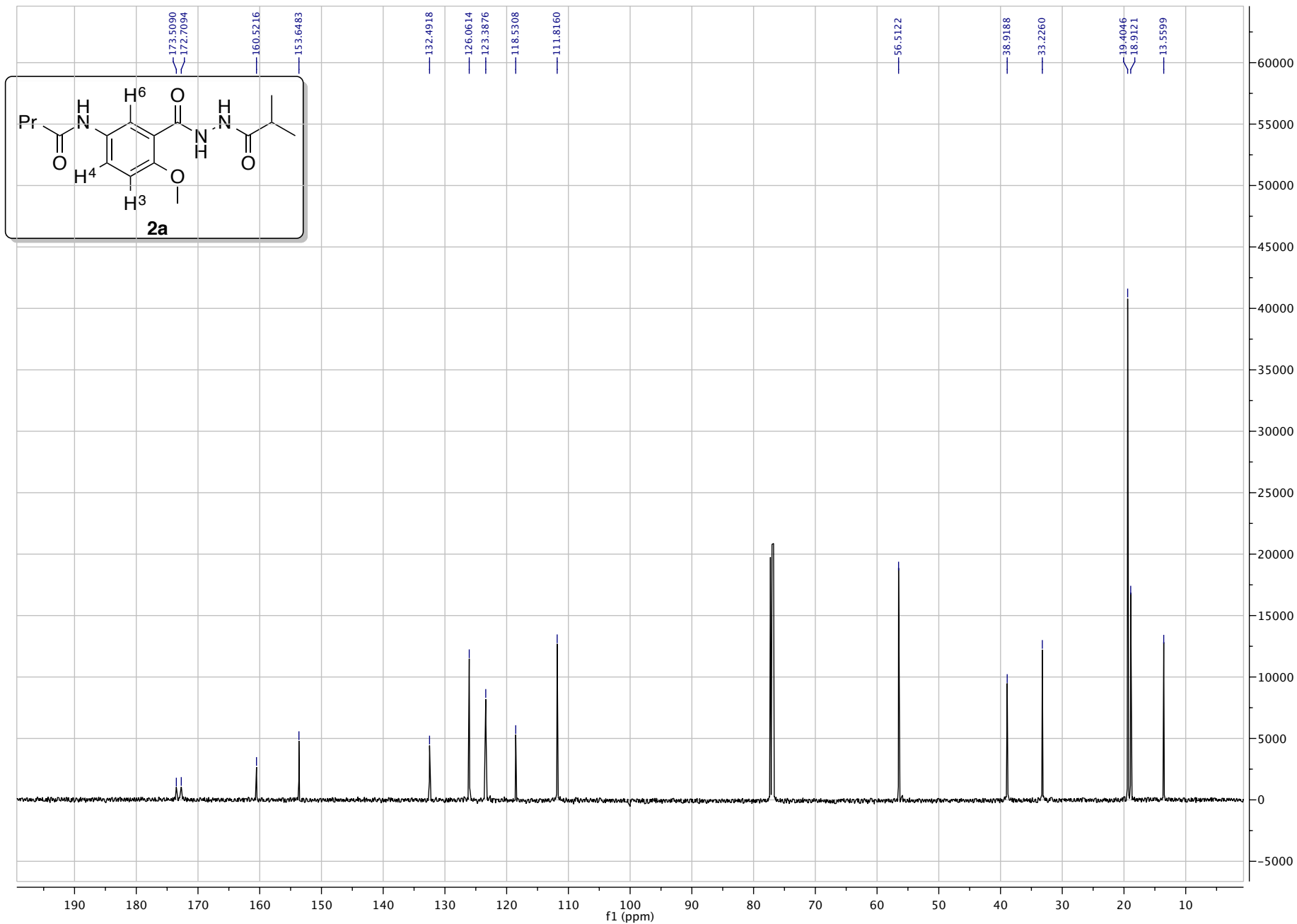
<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)

*N*-(3-(2-isobutrylhydrazine-1-carbonyl)-methoxyphenyl)butyramide (2a)



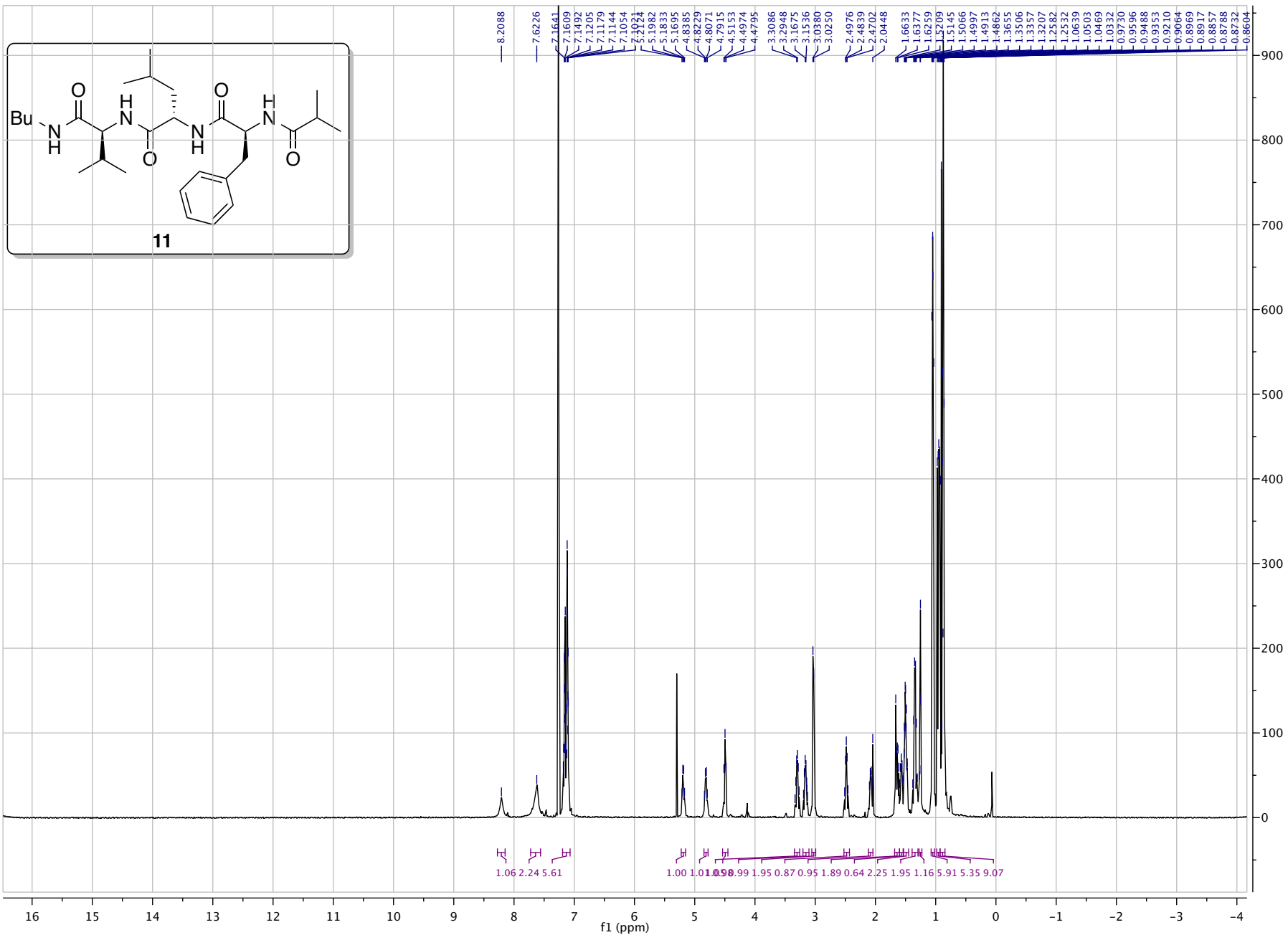
<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

*N*-(3-(2-isobutyrylhydrazine-1-carbonyl)-methoxyphenyl)butyramide (2a)



<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)

(S)-N-((S)-1-(butylamino)-3-methyl-1-oxobutan-2-yl)-2-((S)-2-isobutyramido-3-phenylpropanamido)-4-methylpentanamide



<sup>13</sup>C NMR (126 MHz, CDCl<sub>3</sub>)

(S)-N-((S)-1-(butylamino)-3-methyl-1-oxobutan-2-yl)-2-((S)-2-isobutyramido-3-phenylpropanamido)-4-methylpentanamide

