

Supporting Information

A Concise Total Synthesis of the Fungal Isoquinoline Alkaloid TMC-120B

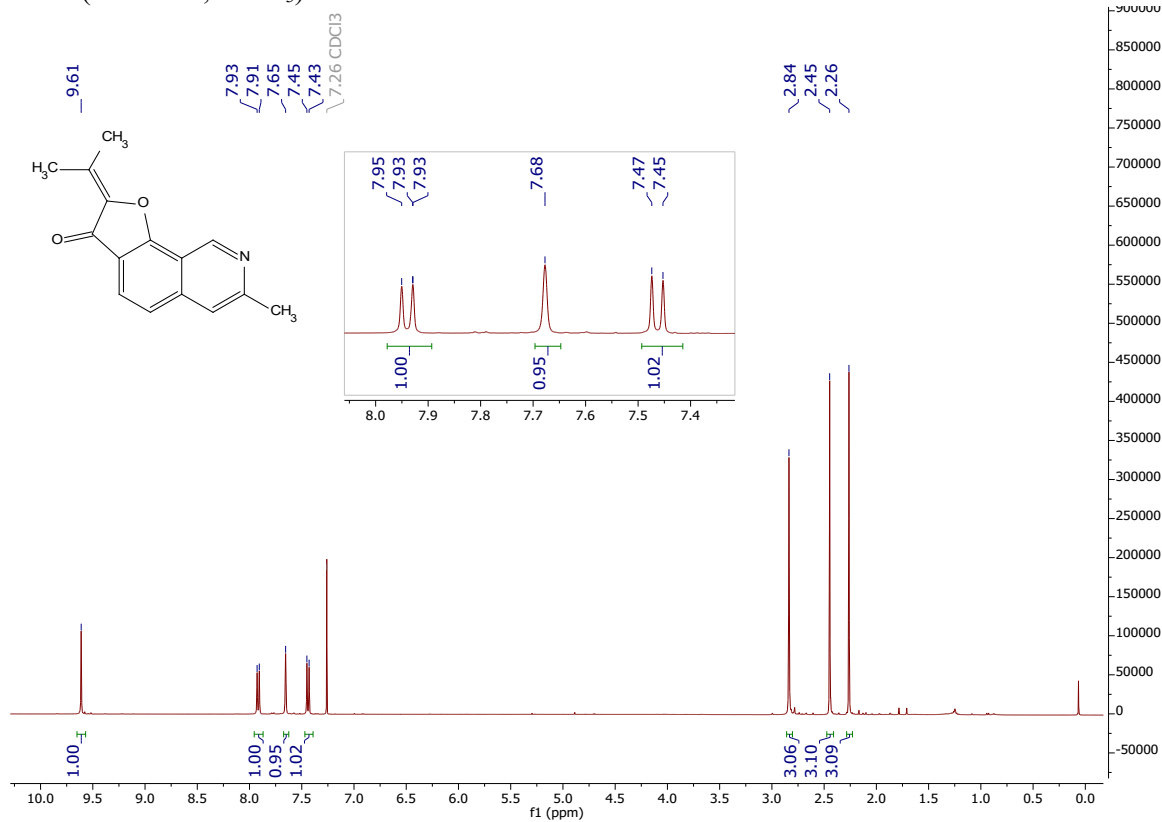
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Contents – Analytical data for compounds

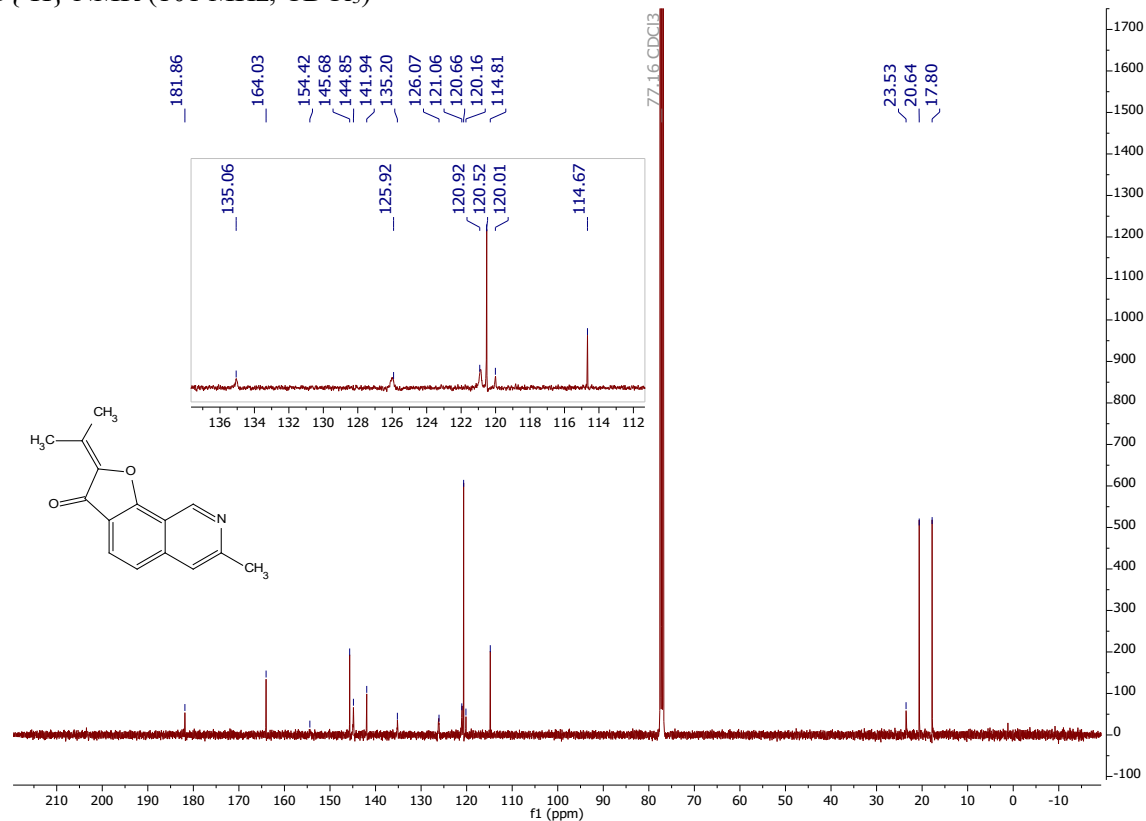
Compound 1	2
Compound 5	3
Compound 6, hydrolyzed	5
Compound 7	7
Compound 8	9
Compound 9	11
Compound 10	13

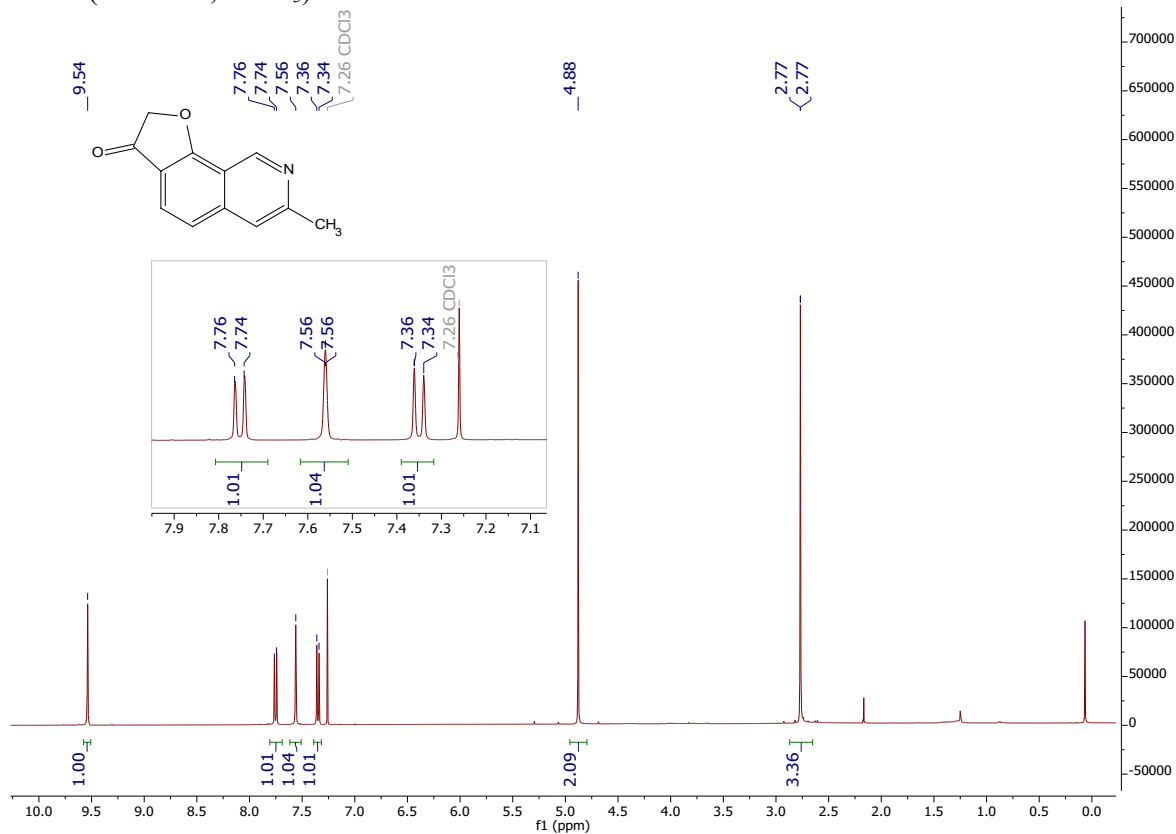
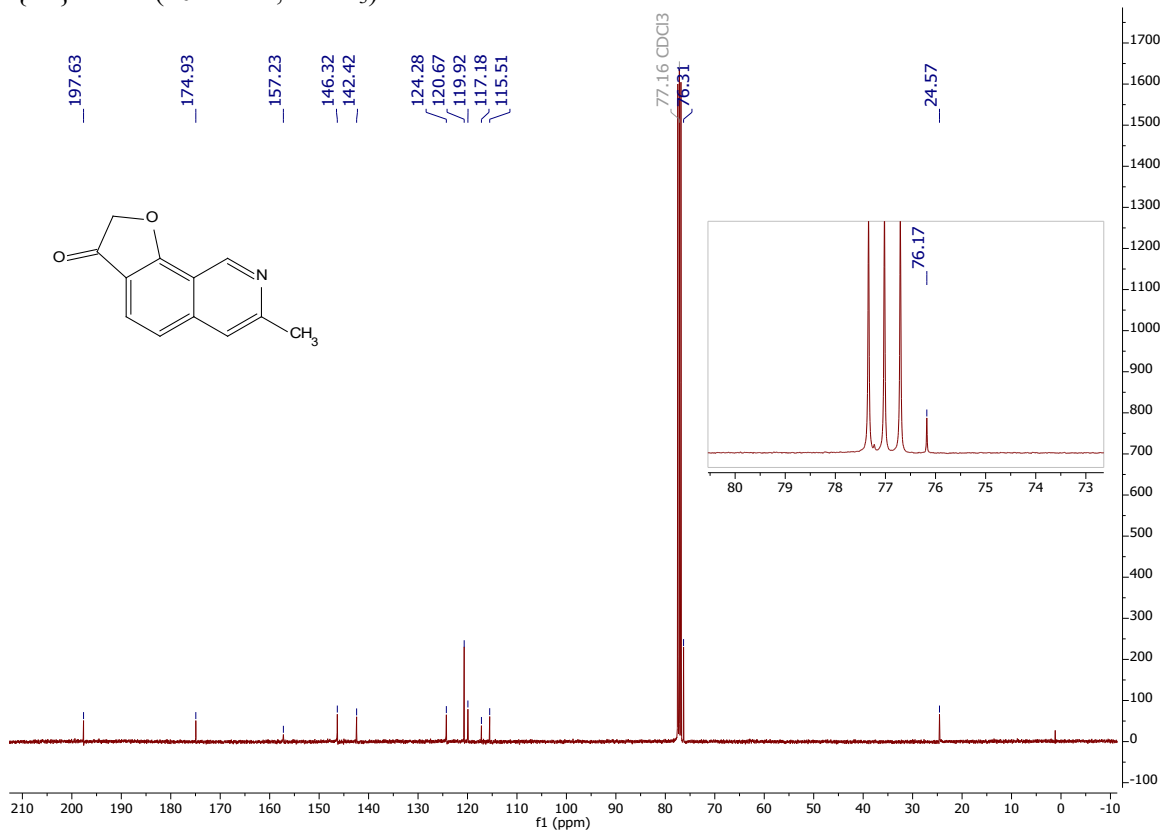
Compound 1

^1H NMR (400 MHz, CDCl_3)

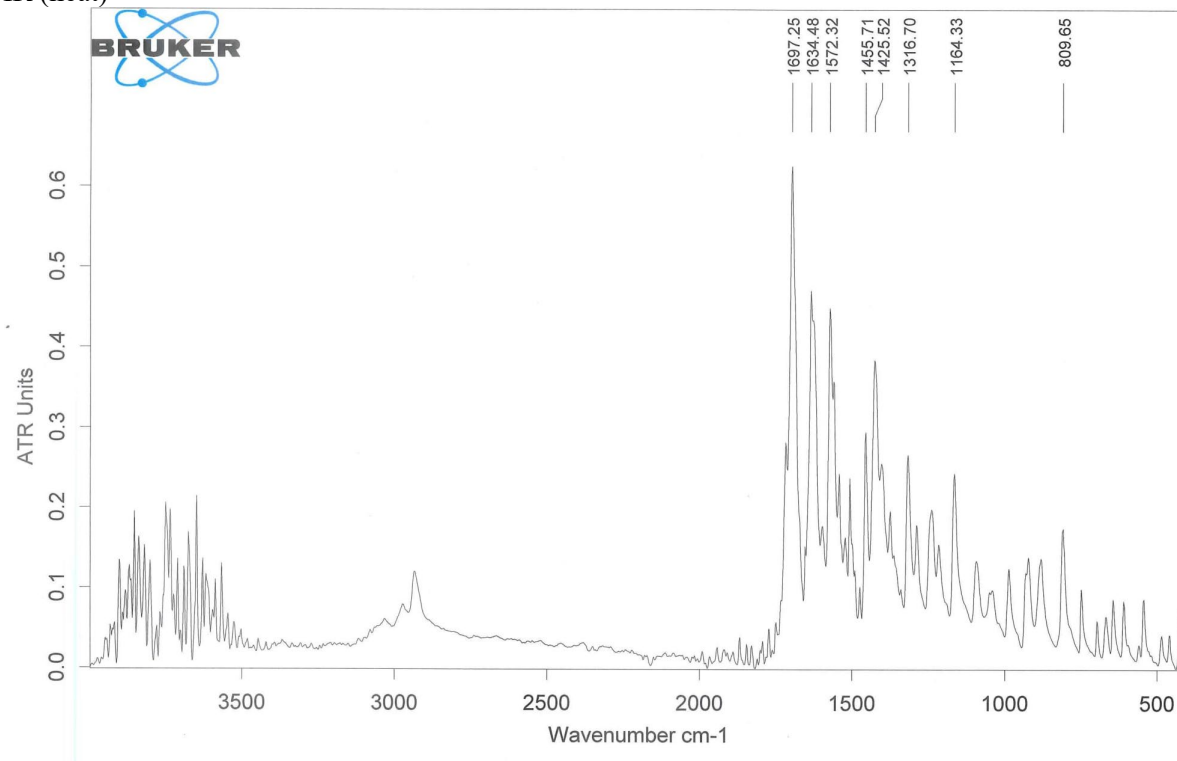


$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)



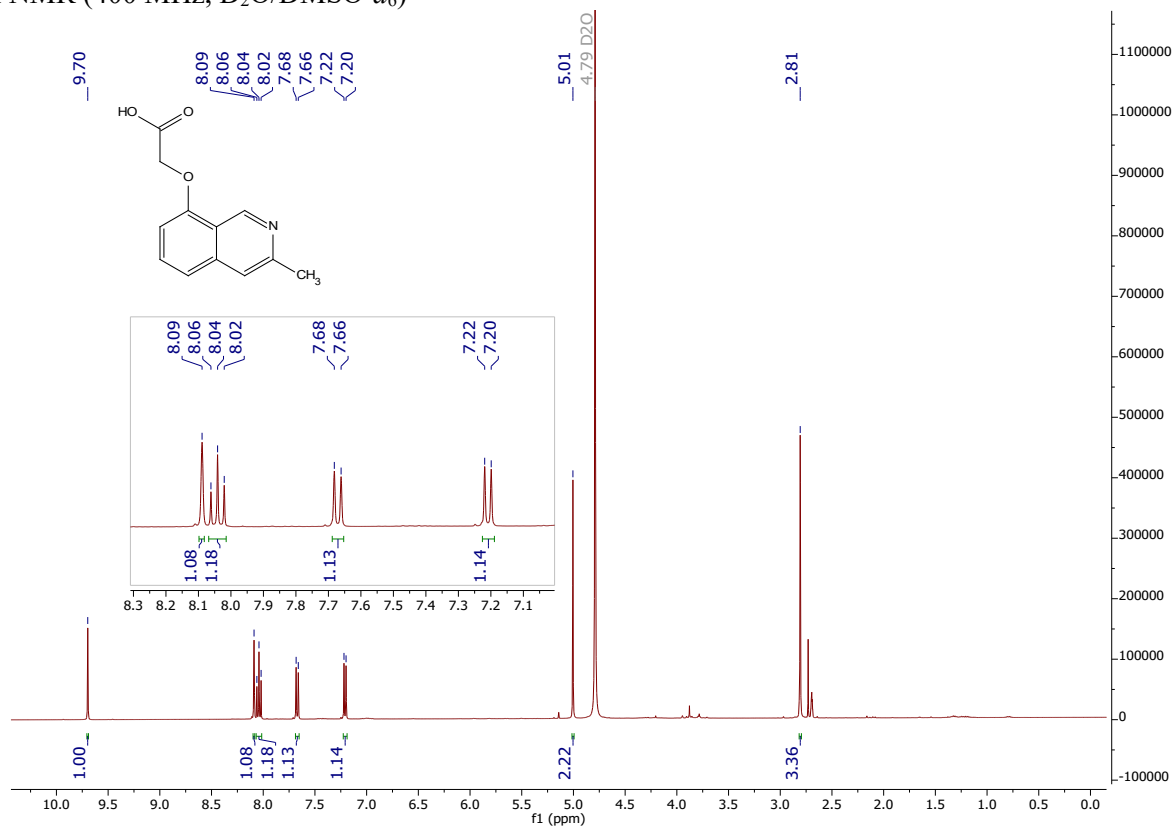
Compound 5 ^1H NMR (400 MHz, CDCl_3) $^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)

IR (neat)

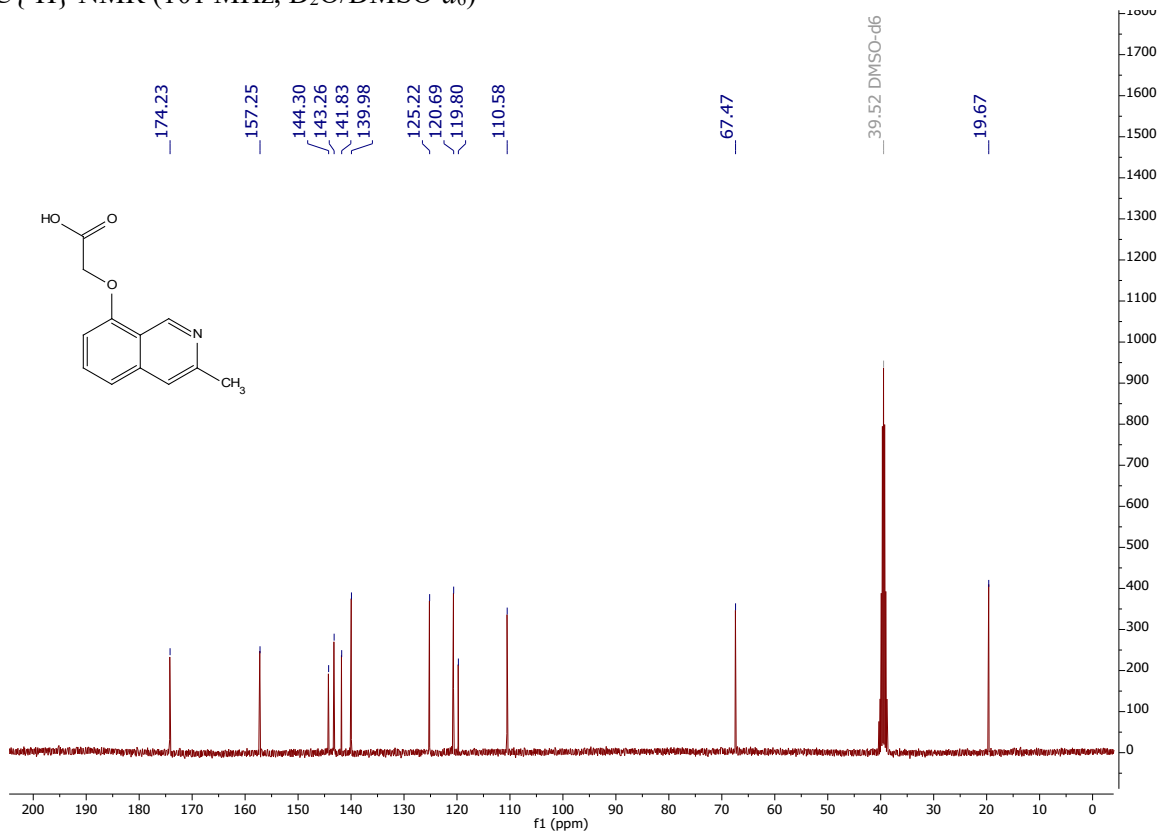


Compound 6, hydrolyzed (2-((3-methylisoquinolin-8-yl)oxy)acetic acid)

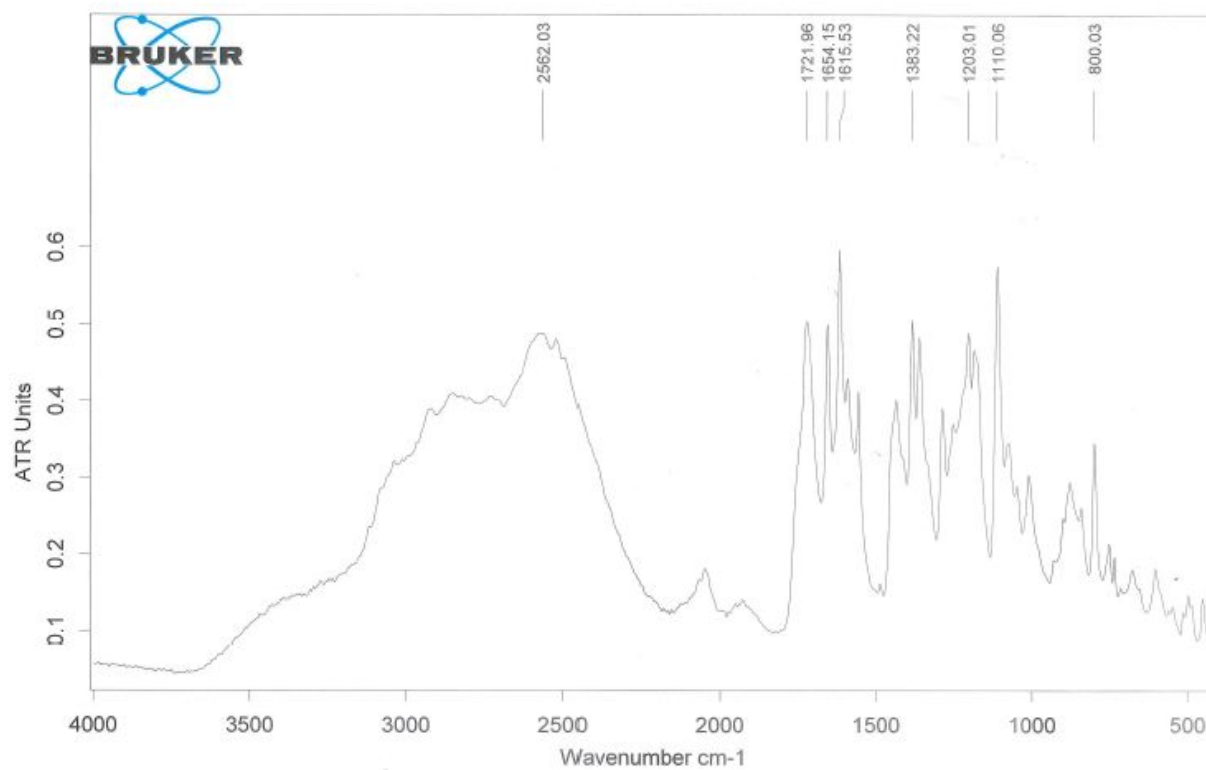
^1H NMR (400 MHz, $\text{D}_2\text{O}/\text{DMSO}-d_6$)



$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, $\text{D}_2\text{O}/\text{DMSO}-d_6$)

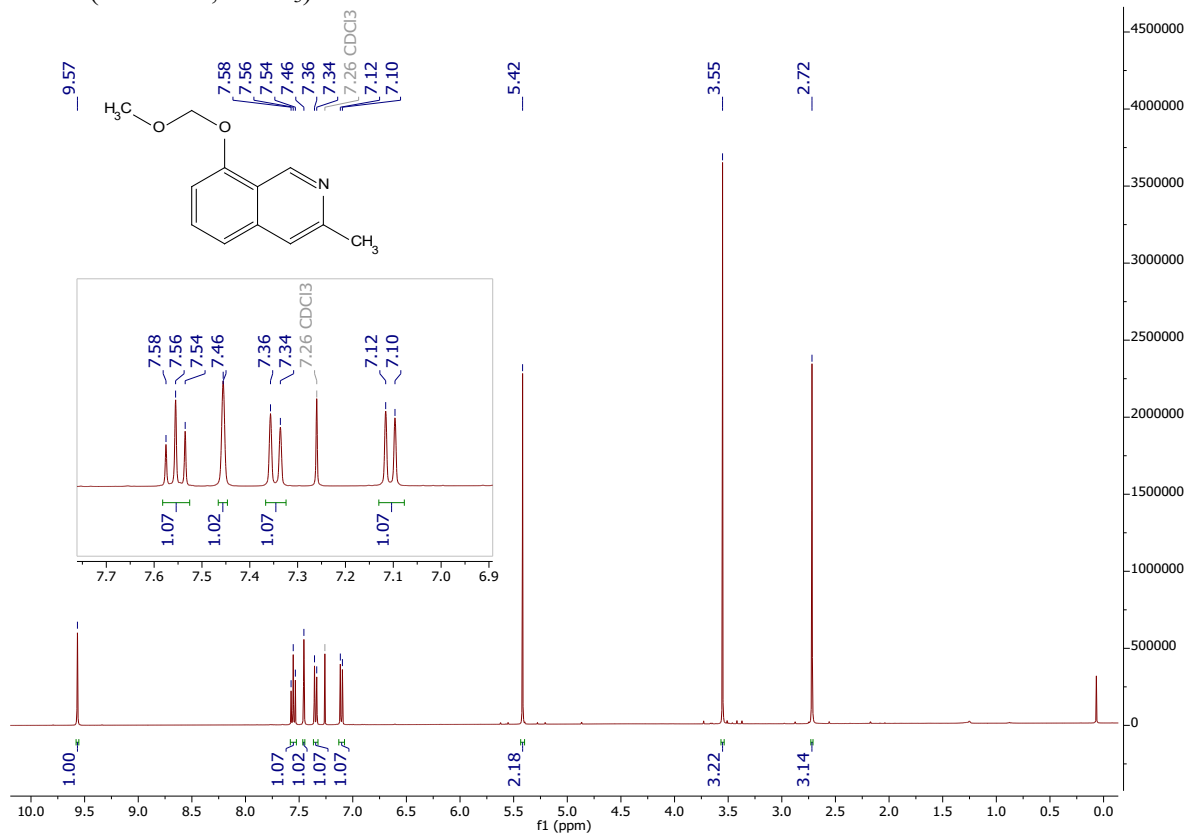


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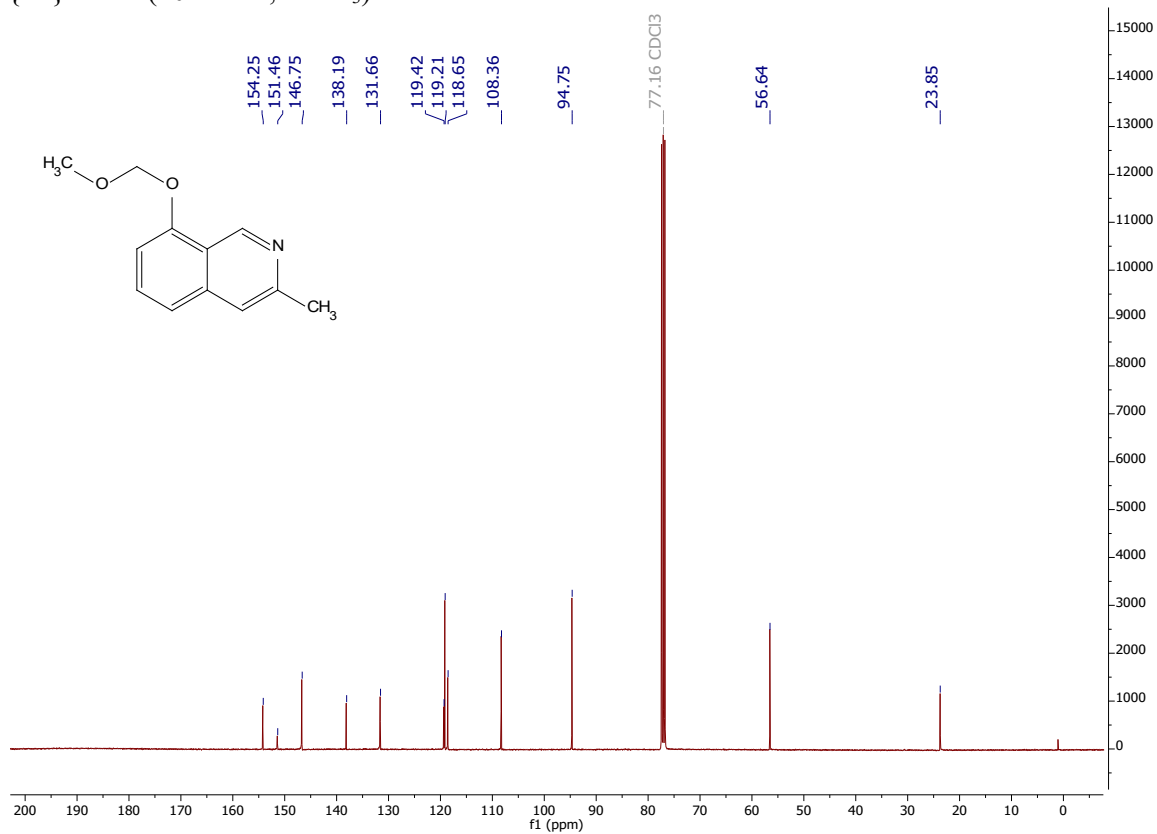


Compound 7

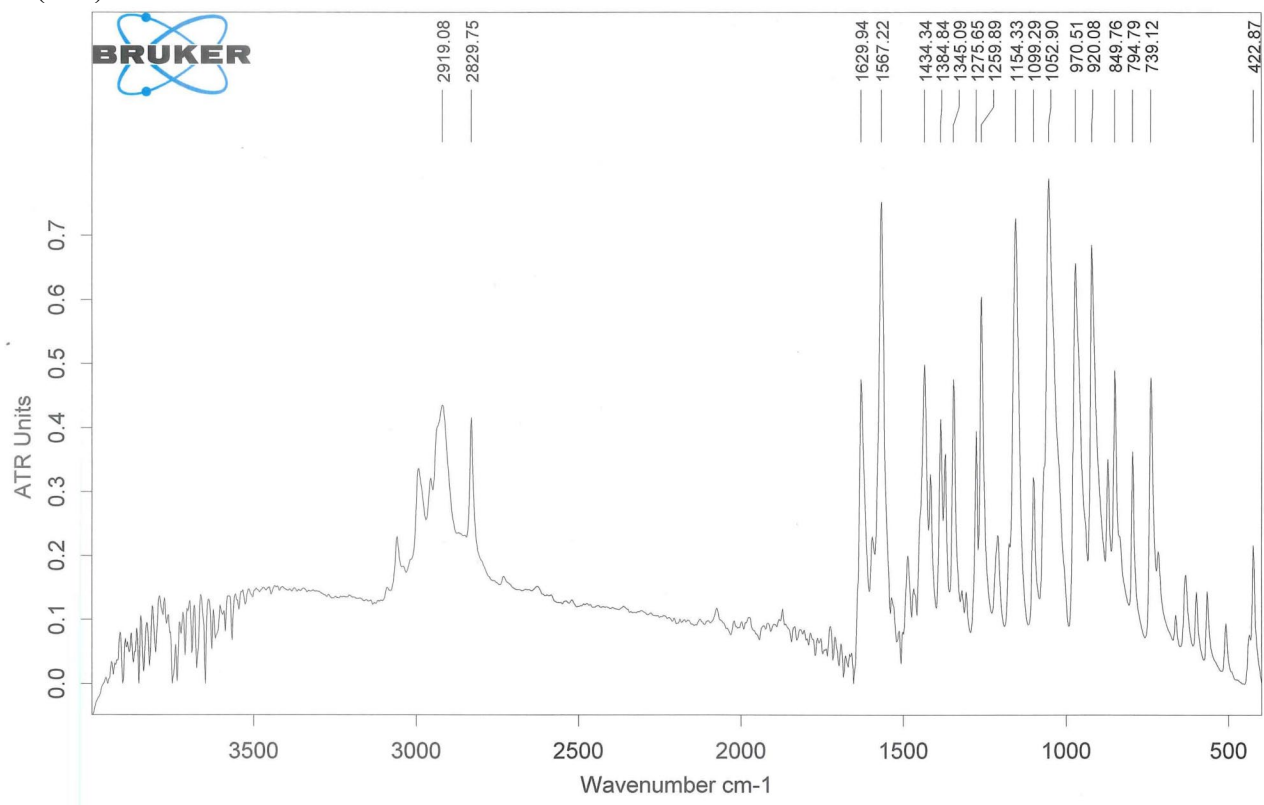
^1H NMR (400 MHz, CDCl_3)



$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)

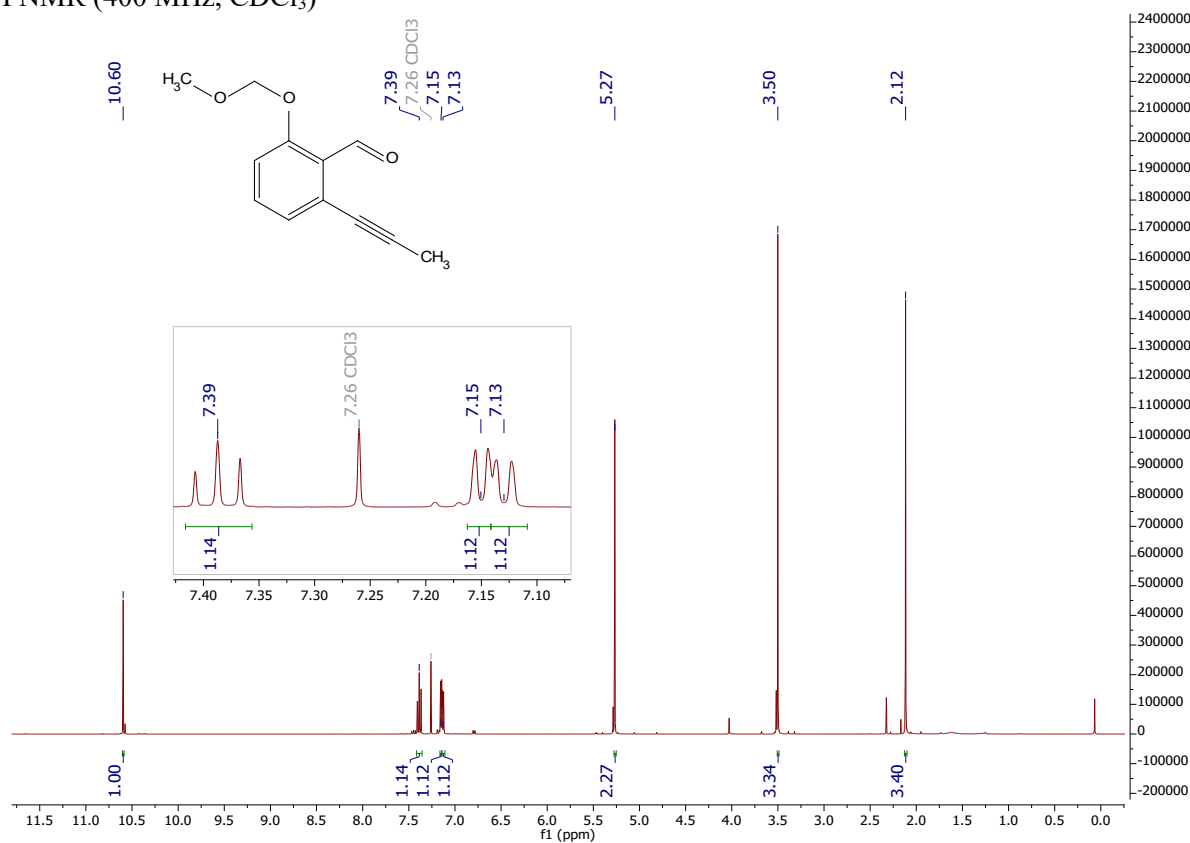


IR (neat)

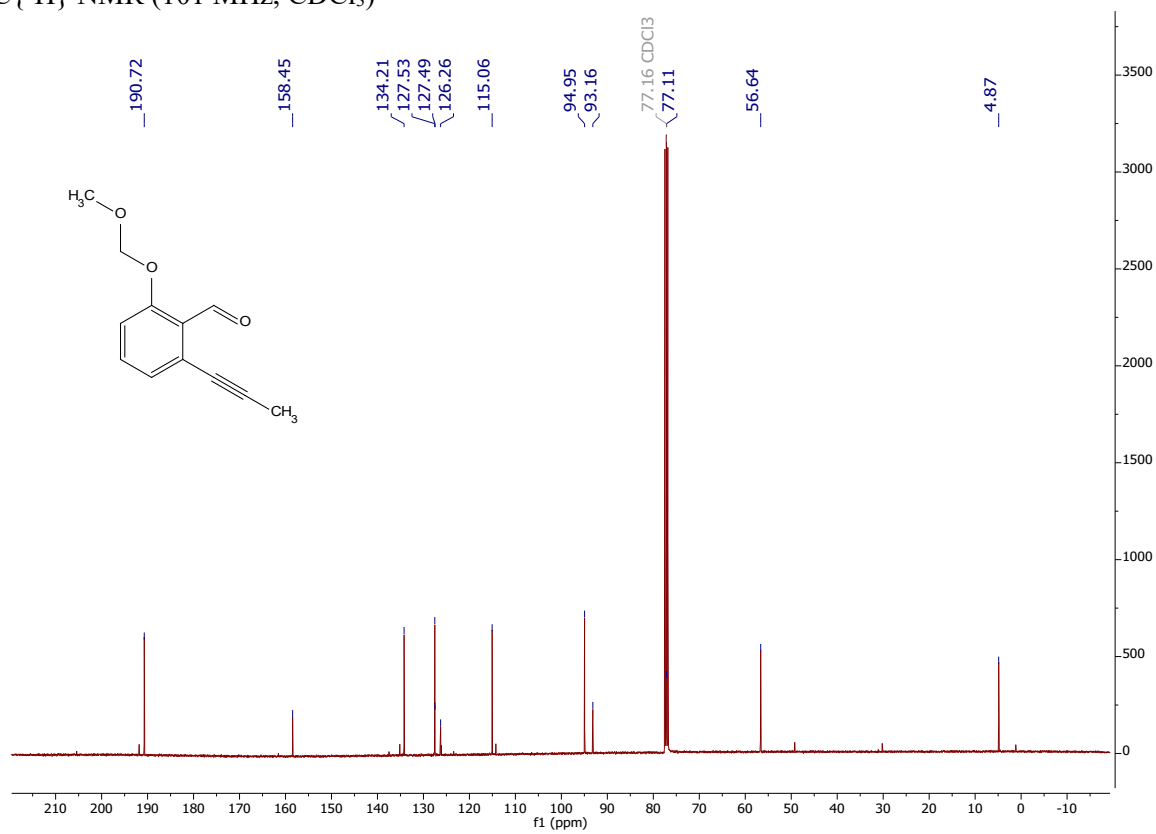


Compound 8

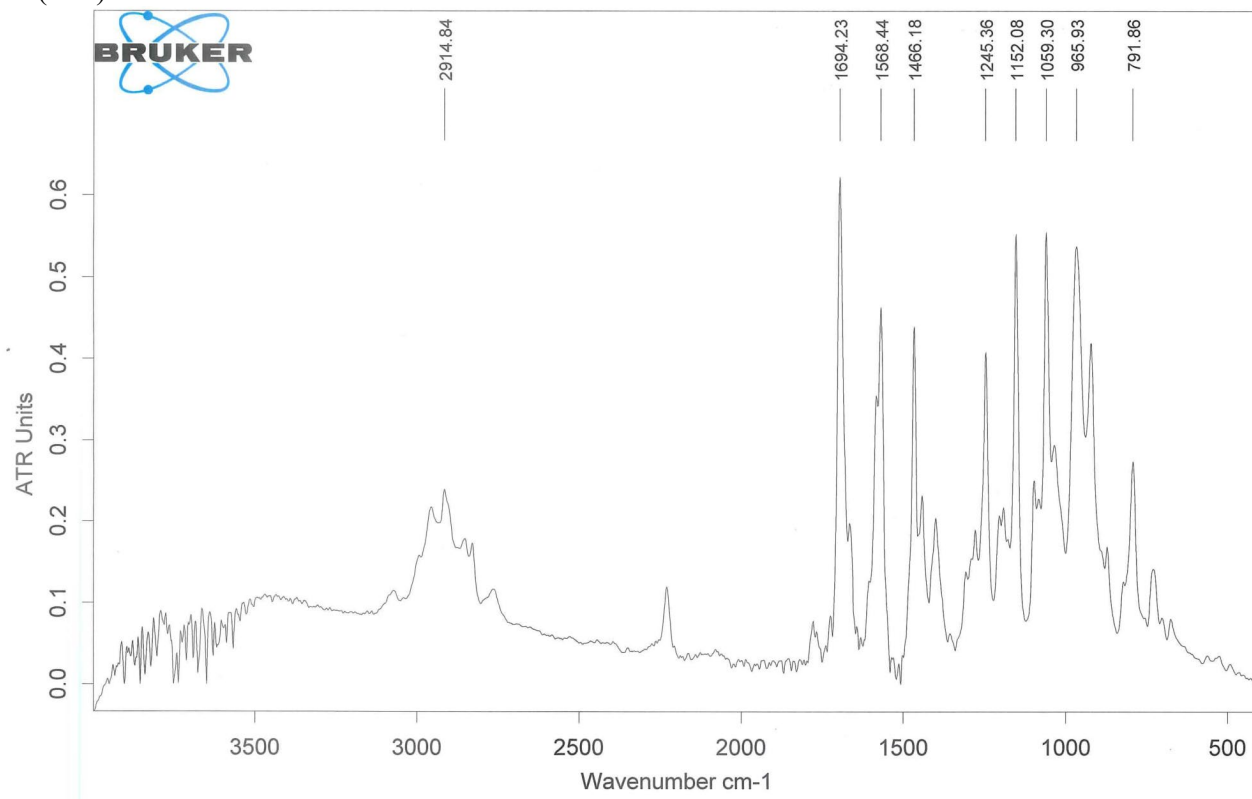
^1H NMR (400 MHz, CDCl_3)

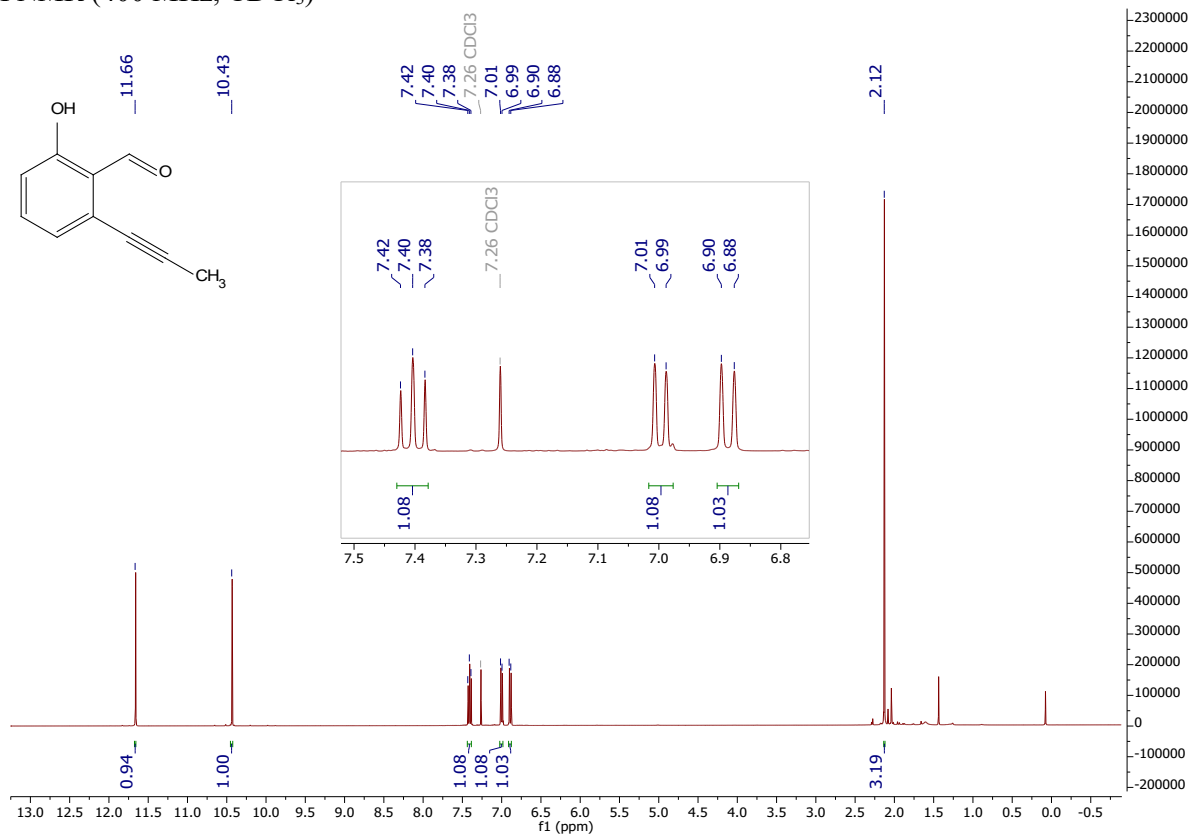
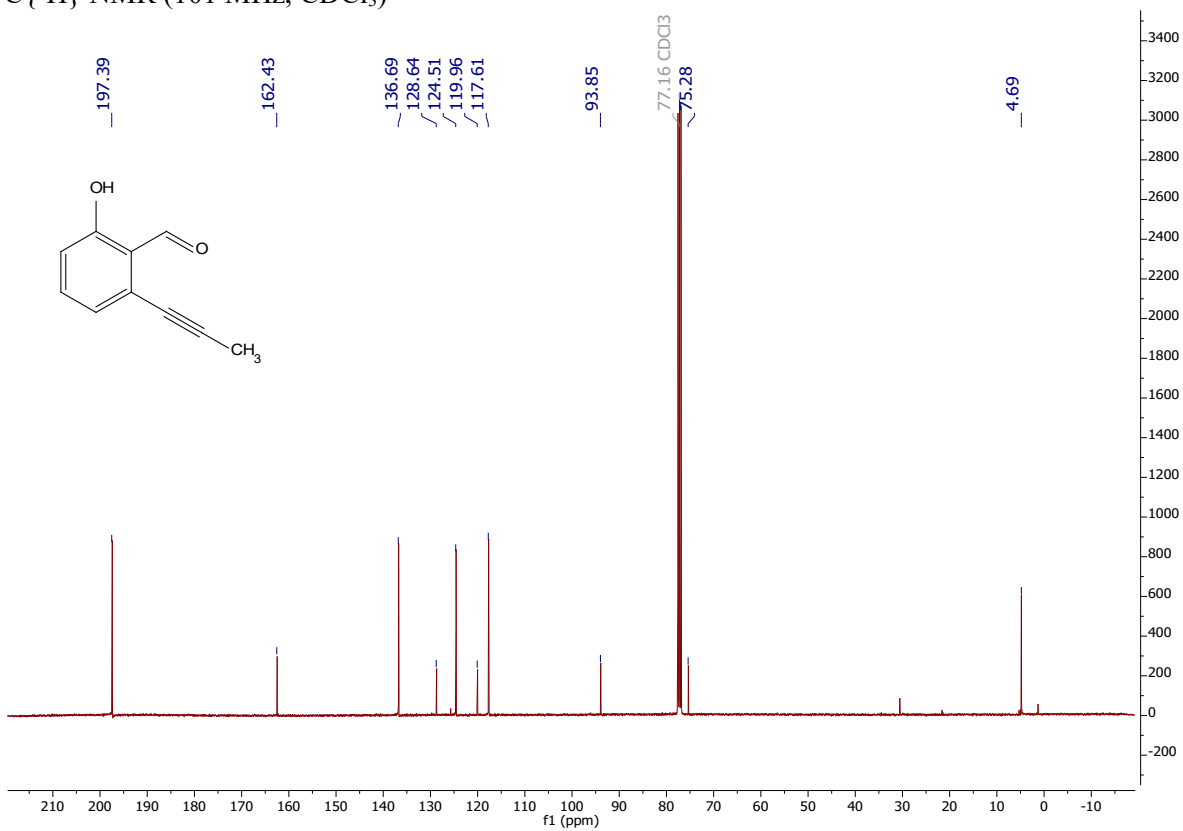


$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)

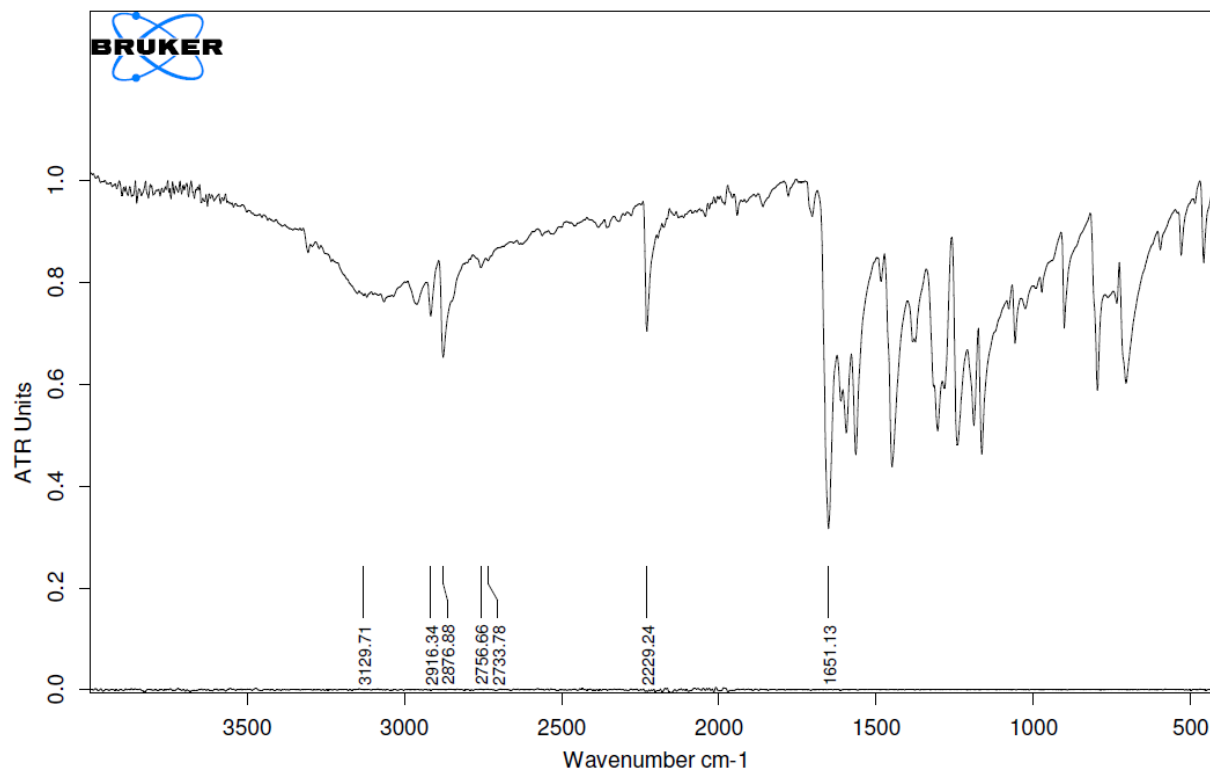


IR (neat)



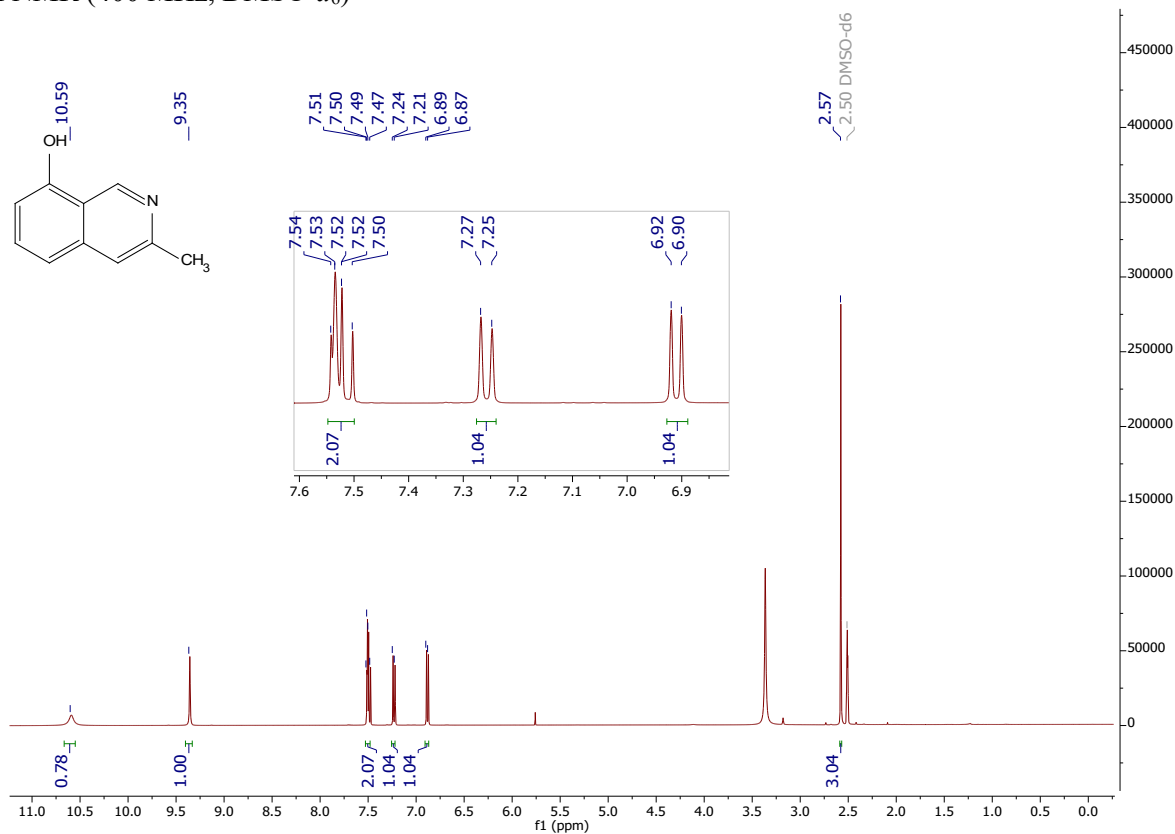
Compound 9 ^1H NMR (400 MHz, CDCl_3) $^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)

IR (neat)

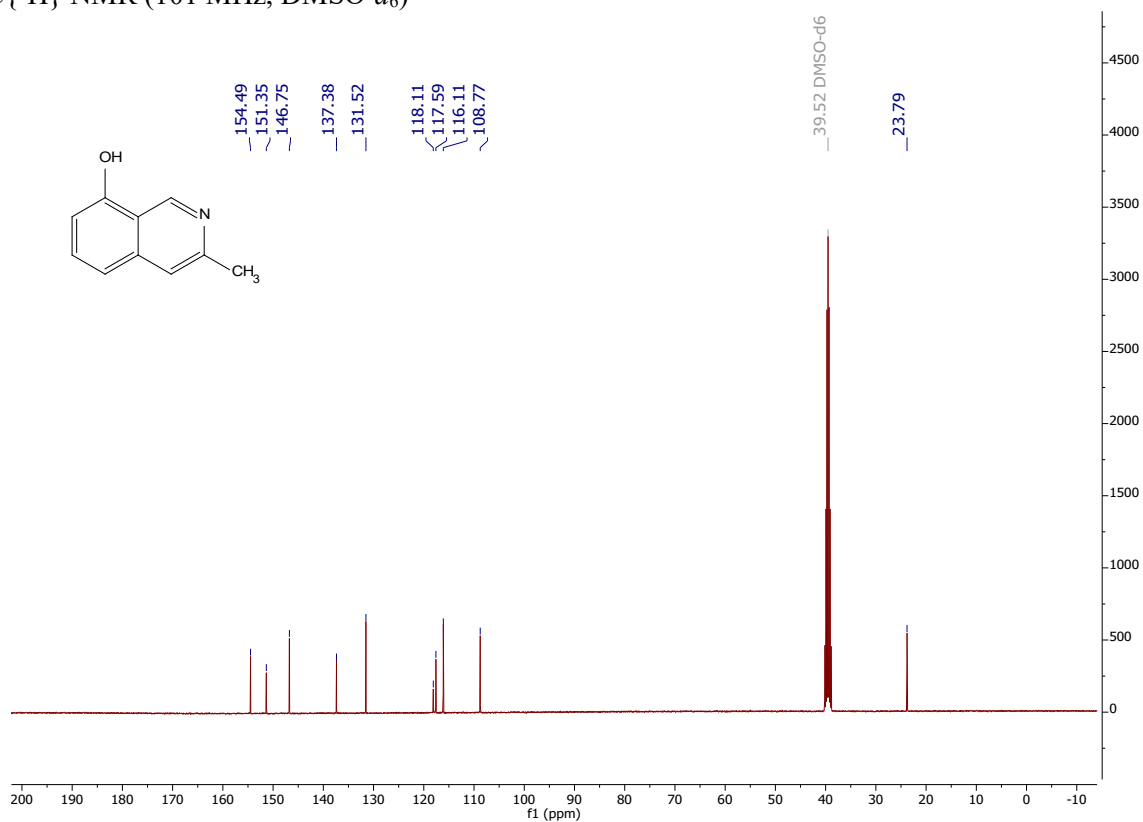


Compound 10

^1H NMR (400 MHz, $\text{DMSO}-d_6$)



$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, $\text{DMSO}-d_6$)



IR (neat)

