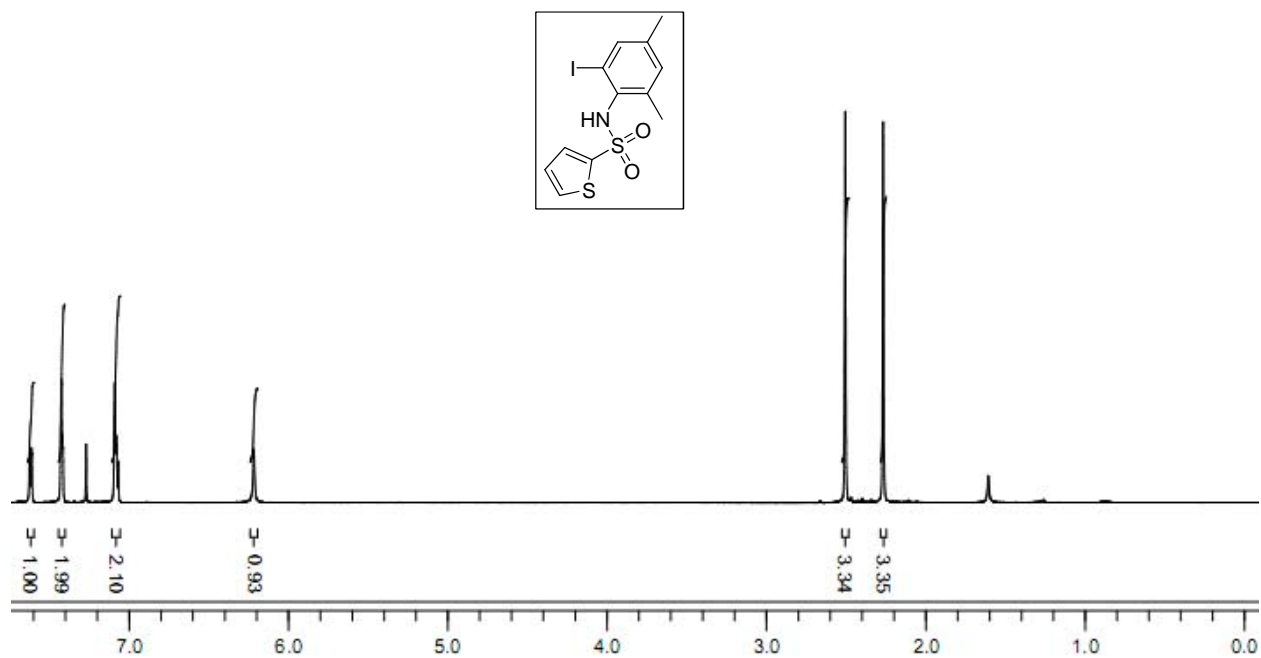
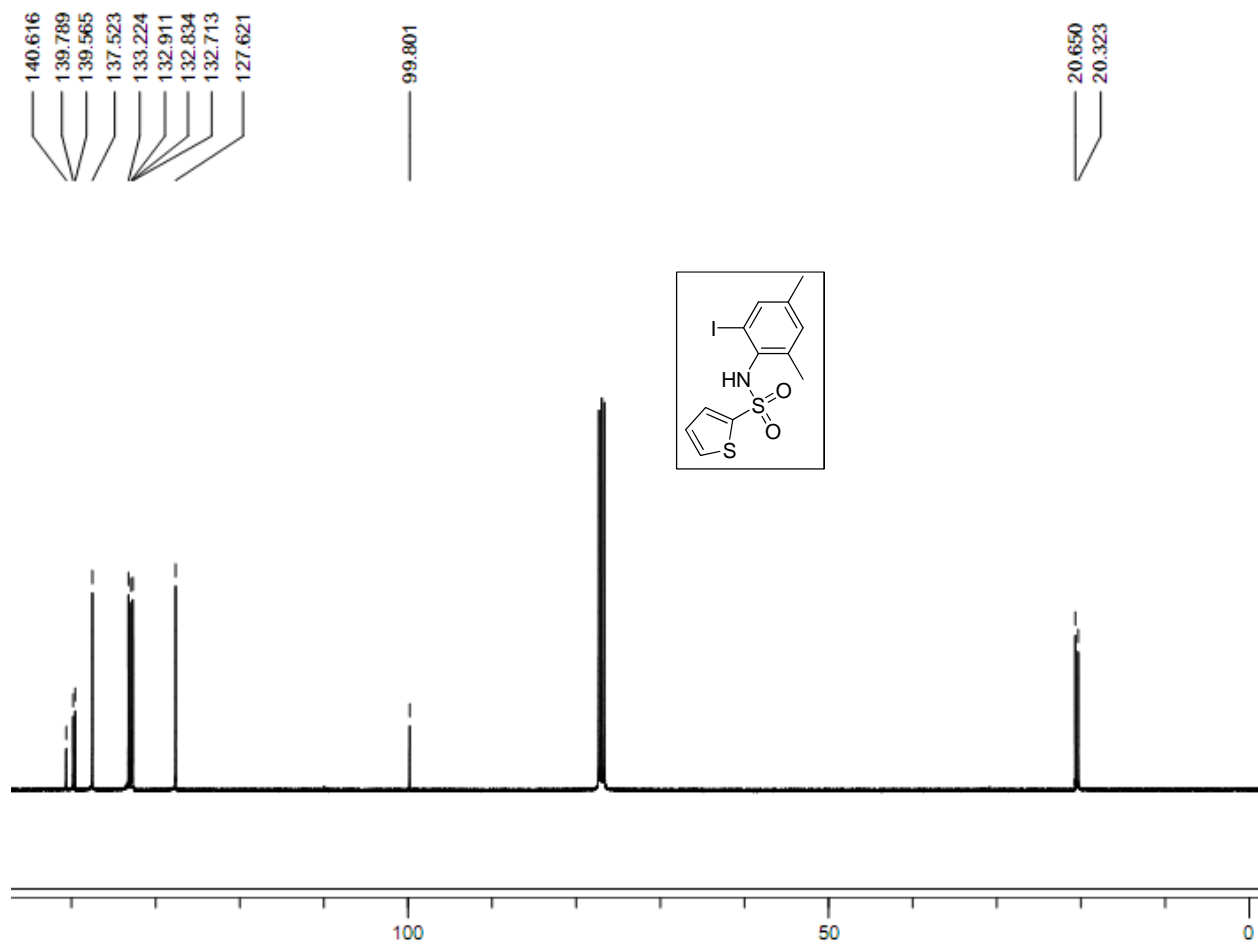


Copies of ^1H and ^{13}C NMR

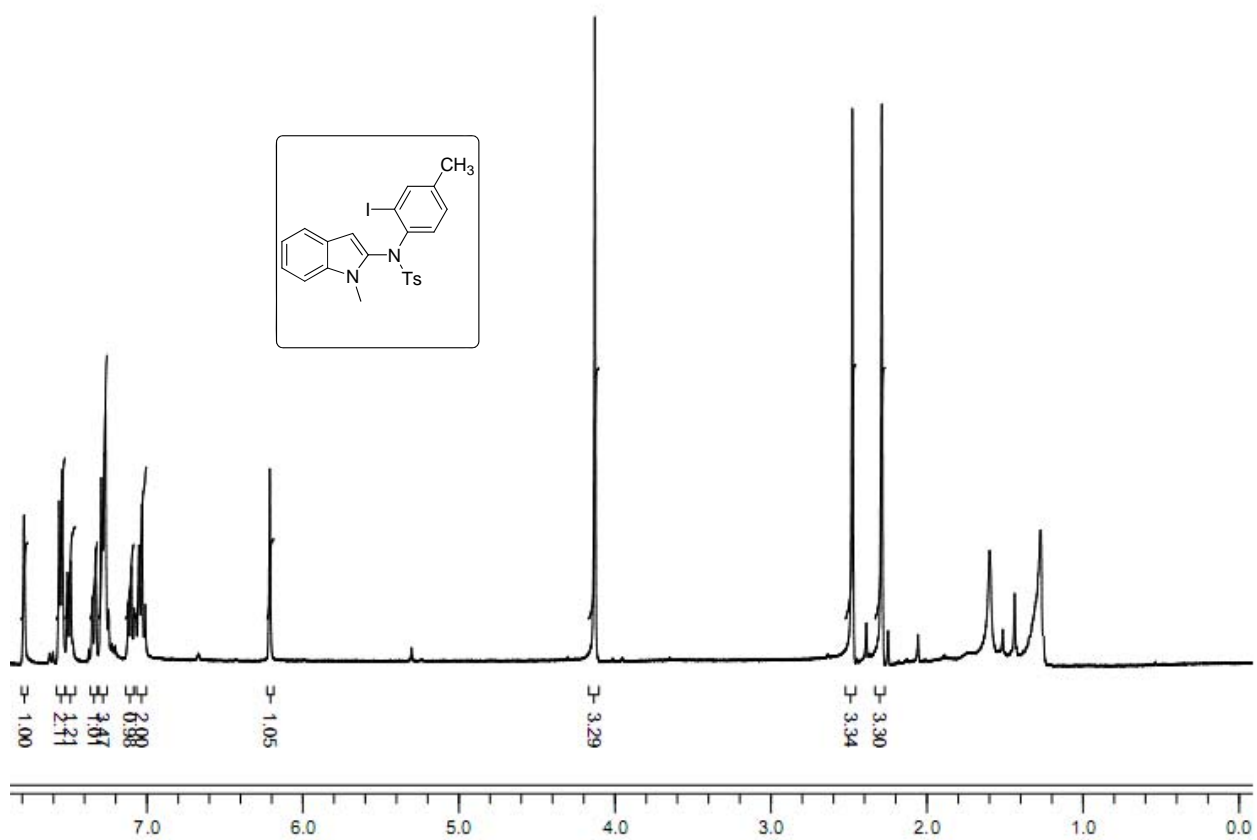


11 ^1H NMR (400 MHz, CDCl_3)

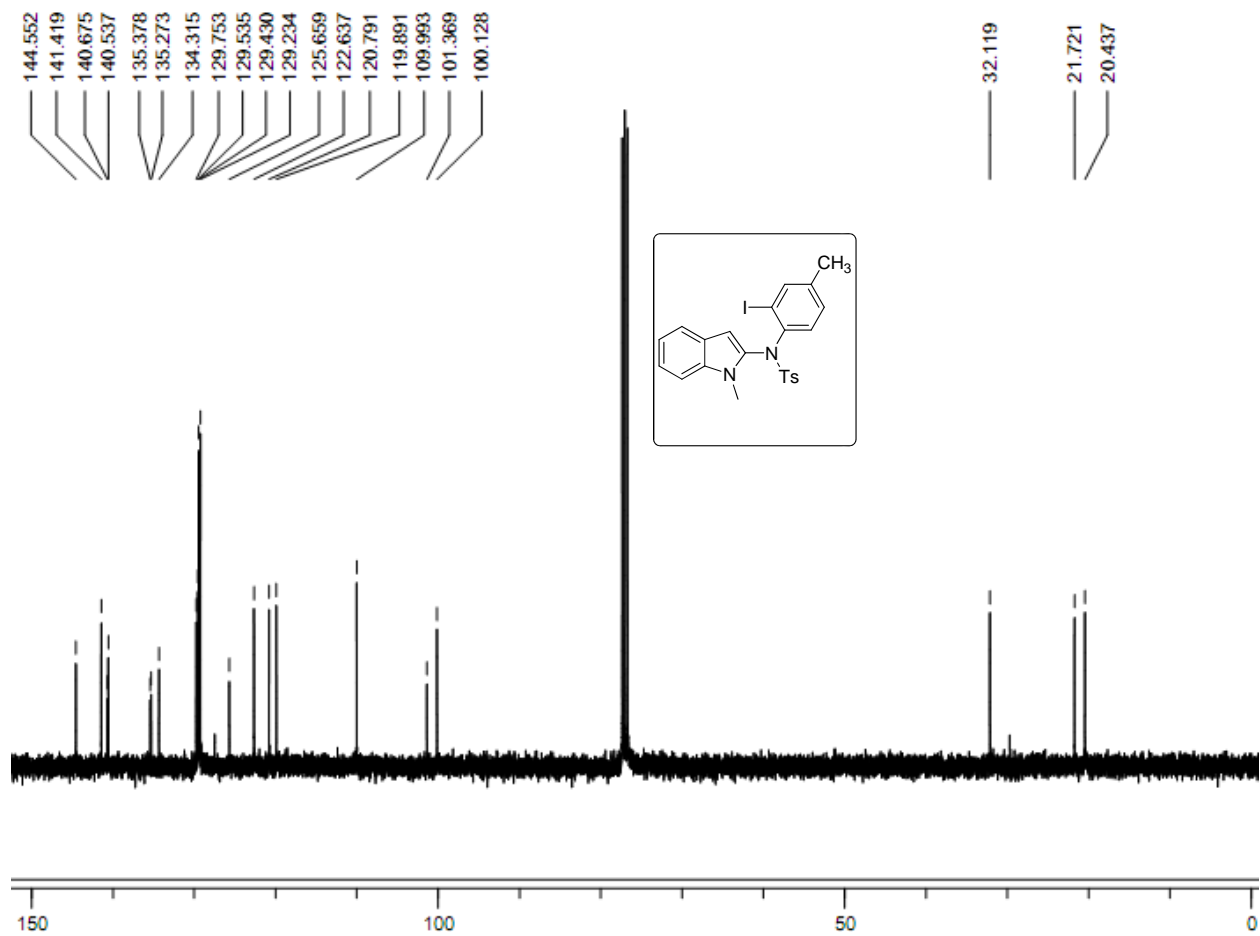


11 ^{13}C NMR (100 MHz, CDCl_3)

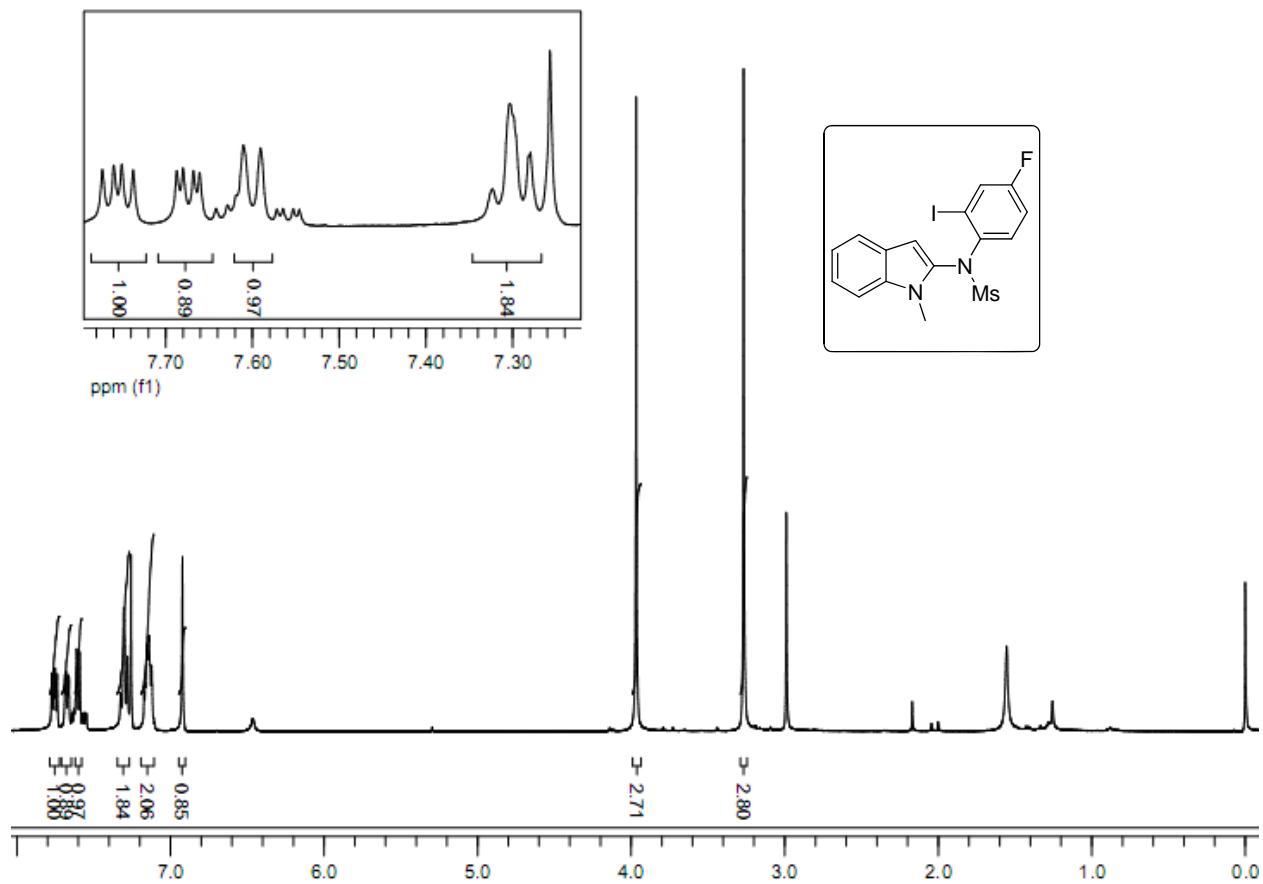
Copies of ^1H and ^{13}C NMR



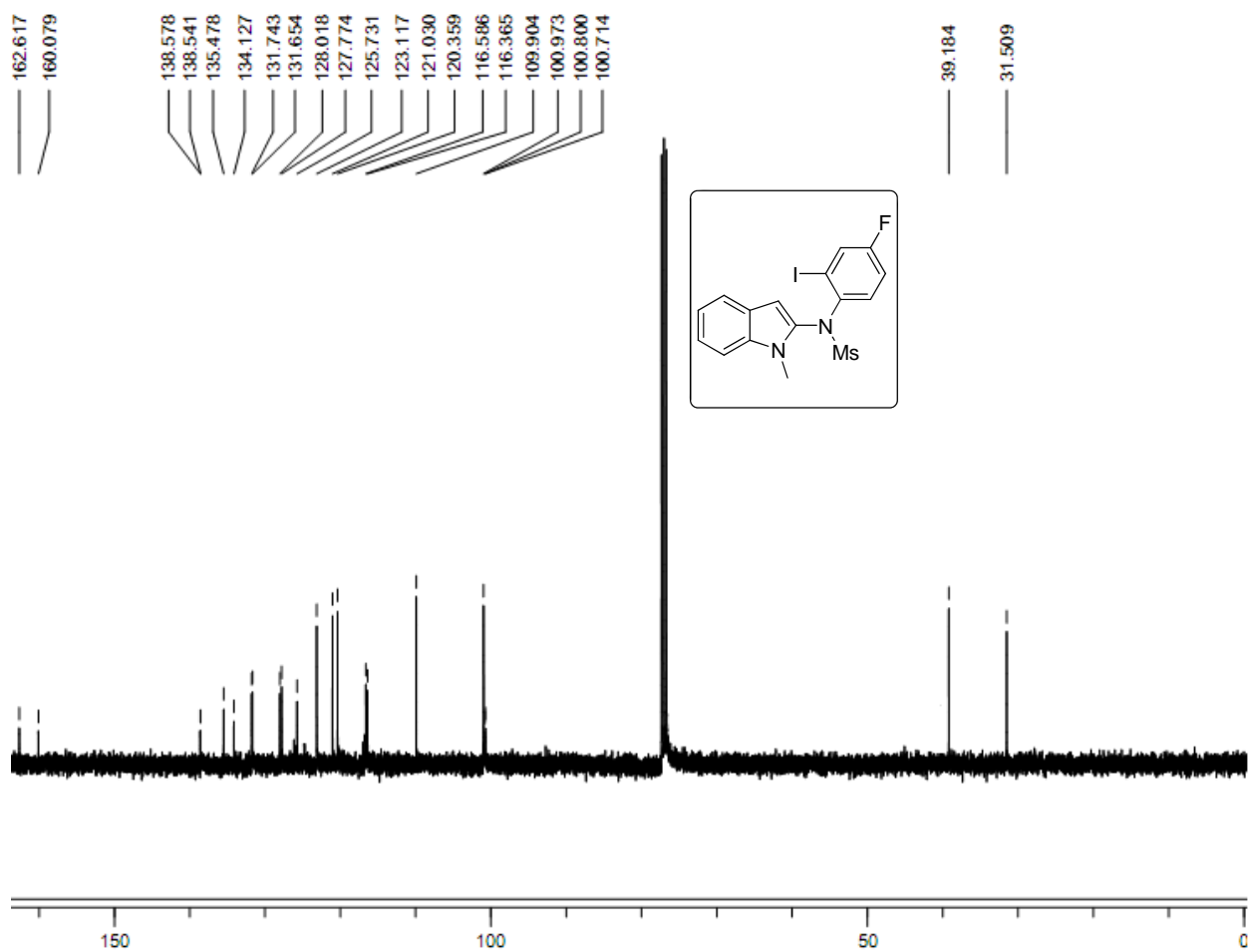
3a ^1H NMR (400 MHz, CDCl_3)



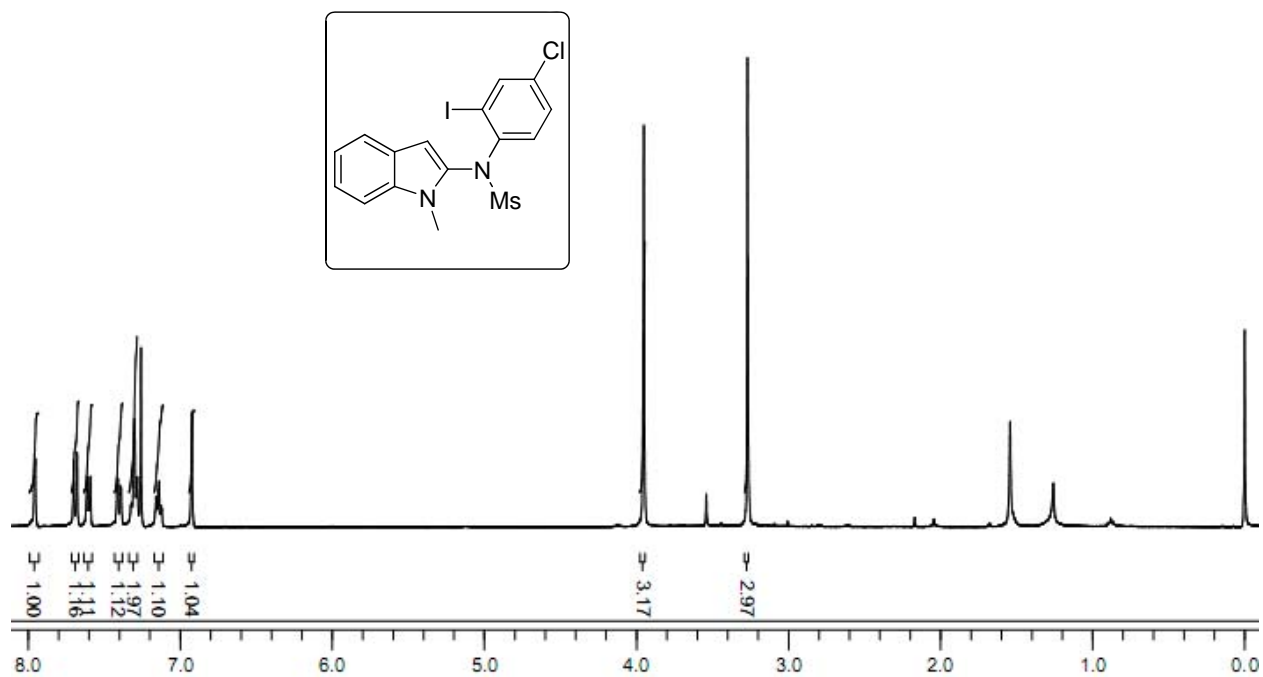
3a ¹³C NMR (100 MHz, CDCl₃)



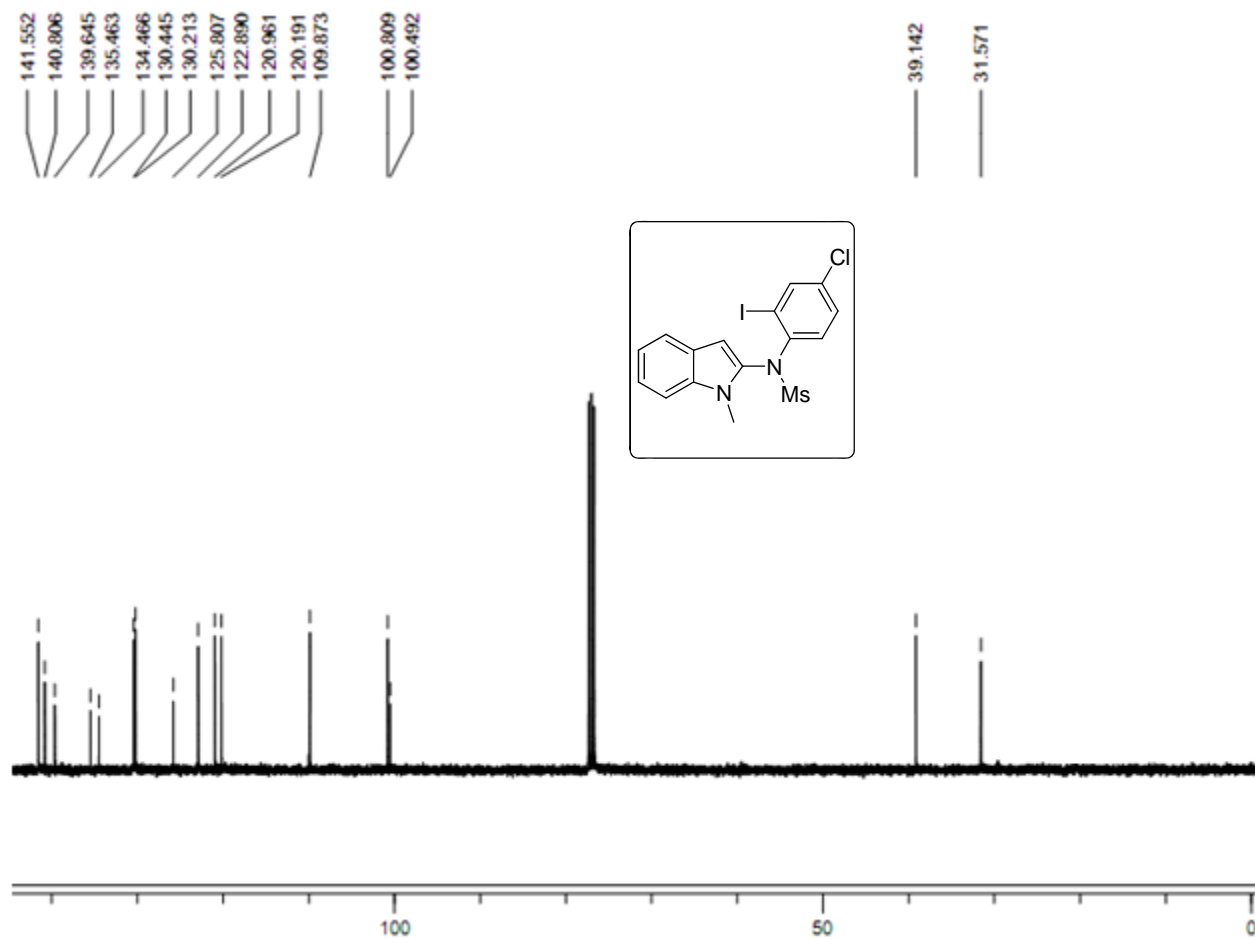
3b ^1H NMR (400 MHz, CDCl_3)



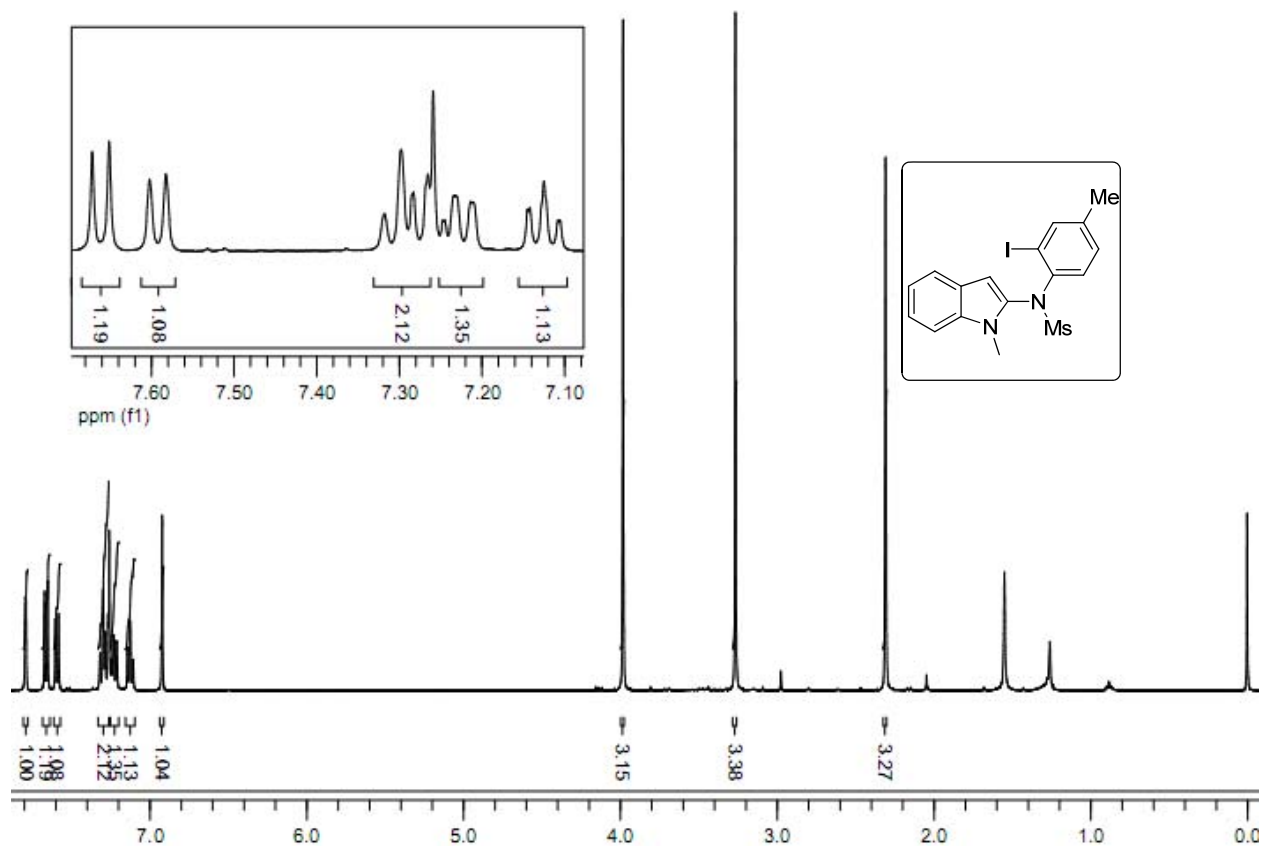
3b ^{13}C NMR (100 MHz, CDCl_3)



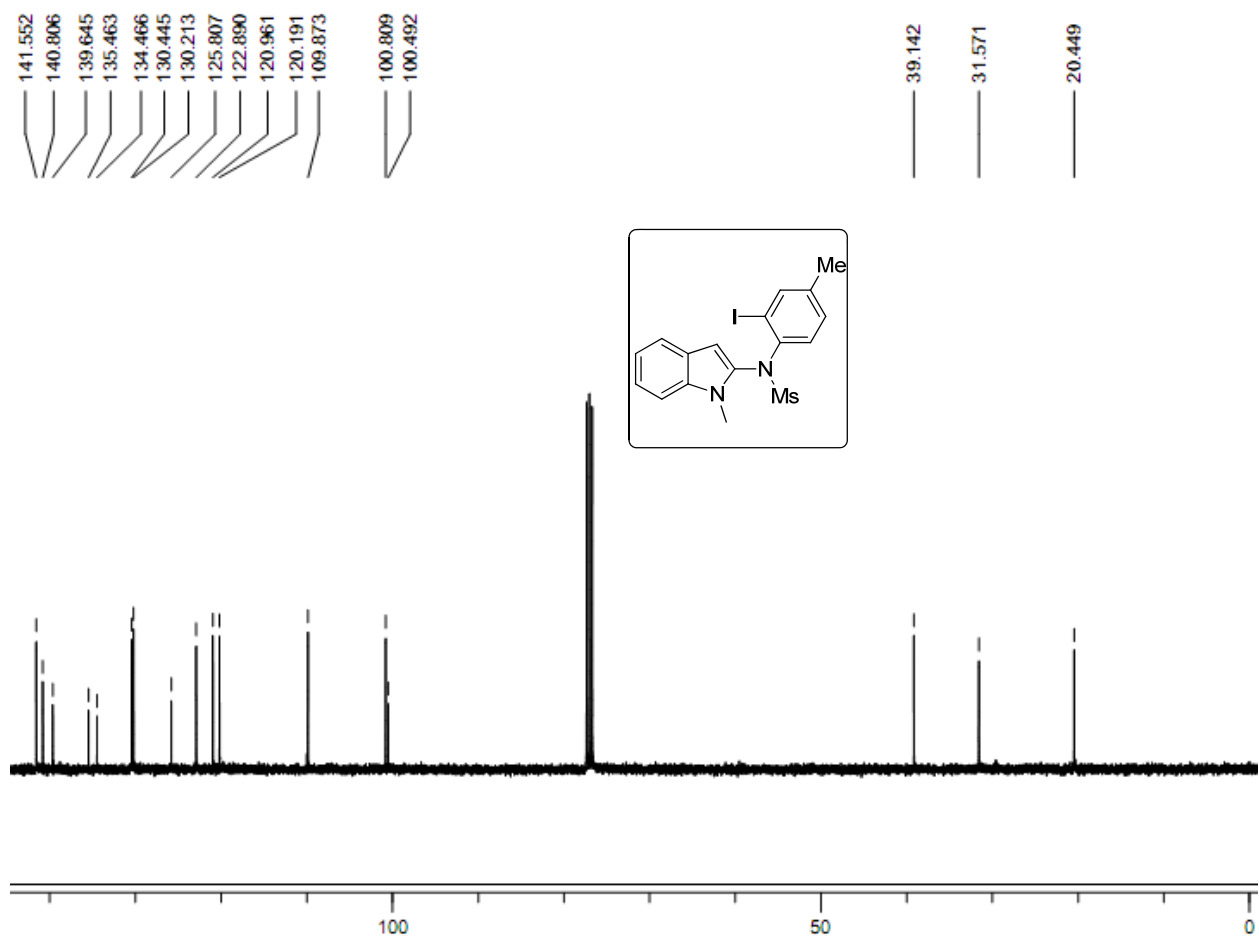
3c ^1H NMR (400 MHz, CDCl_3)



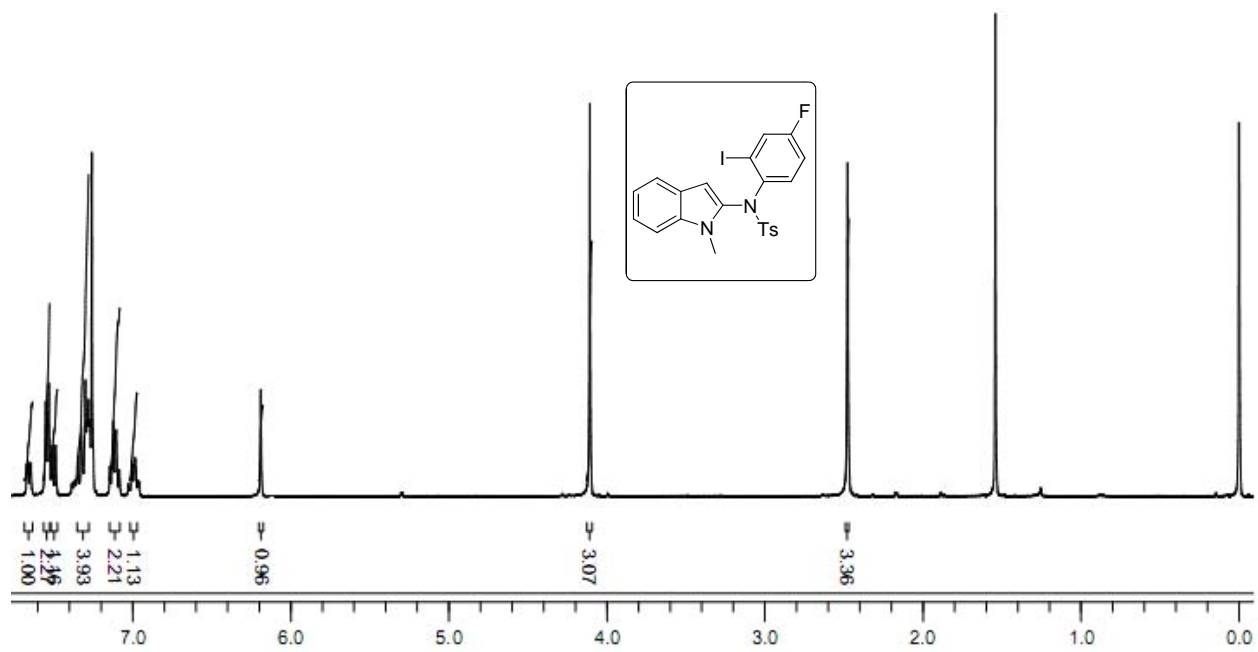
3c ^{13}C NMR (100 MHz, CDCl_3)



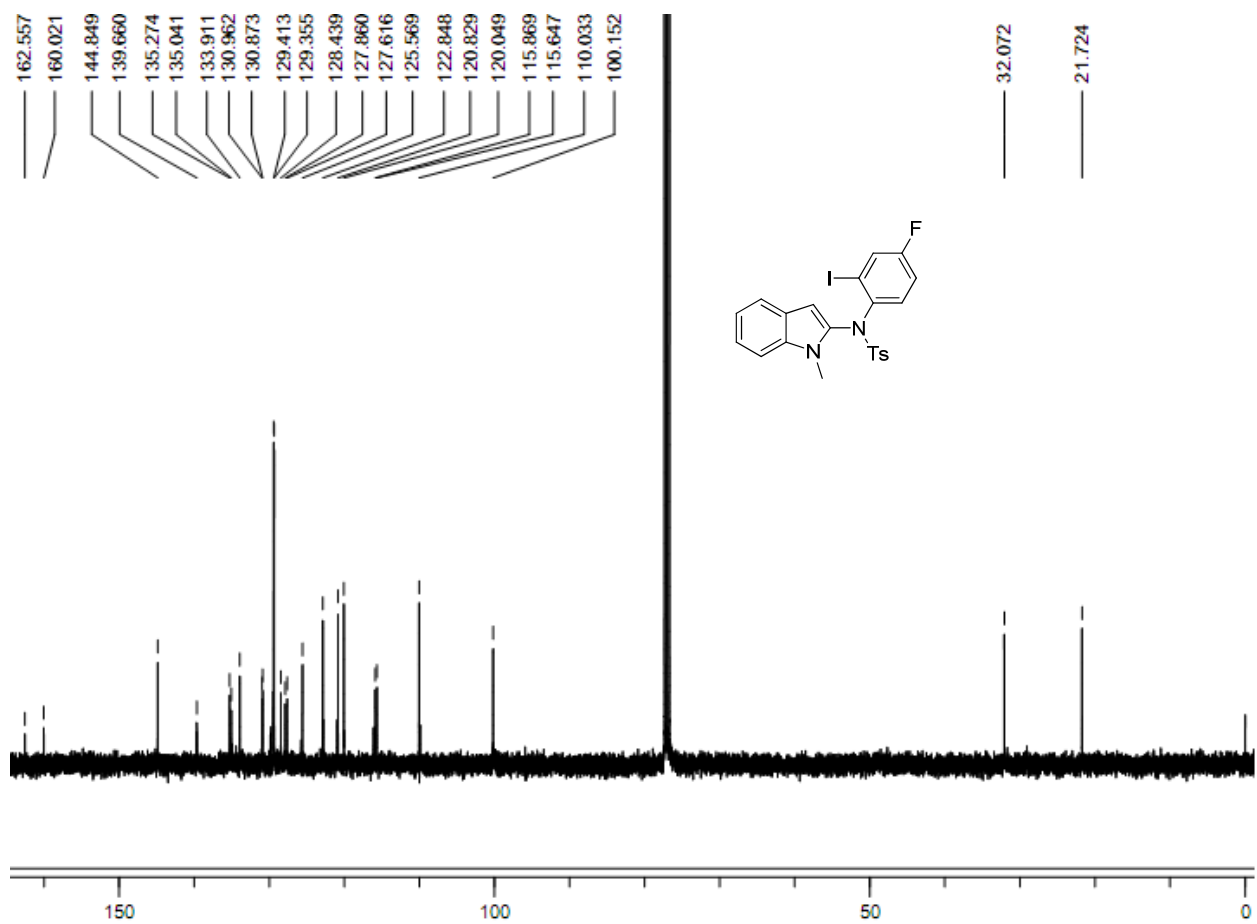
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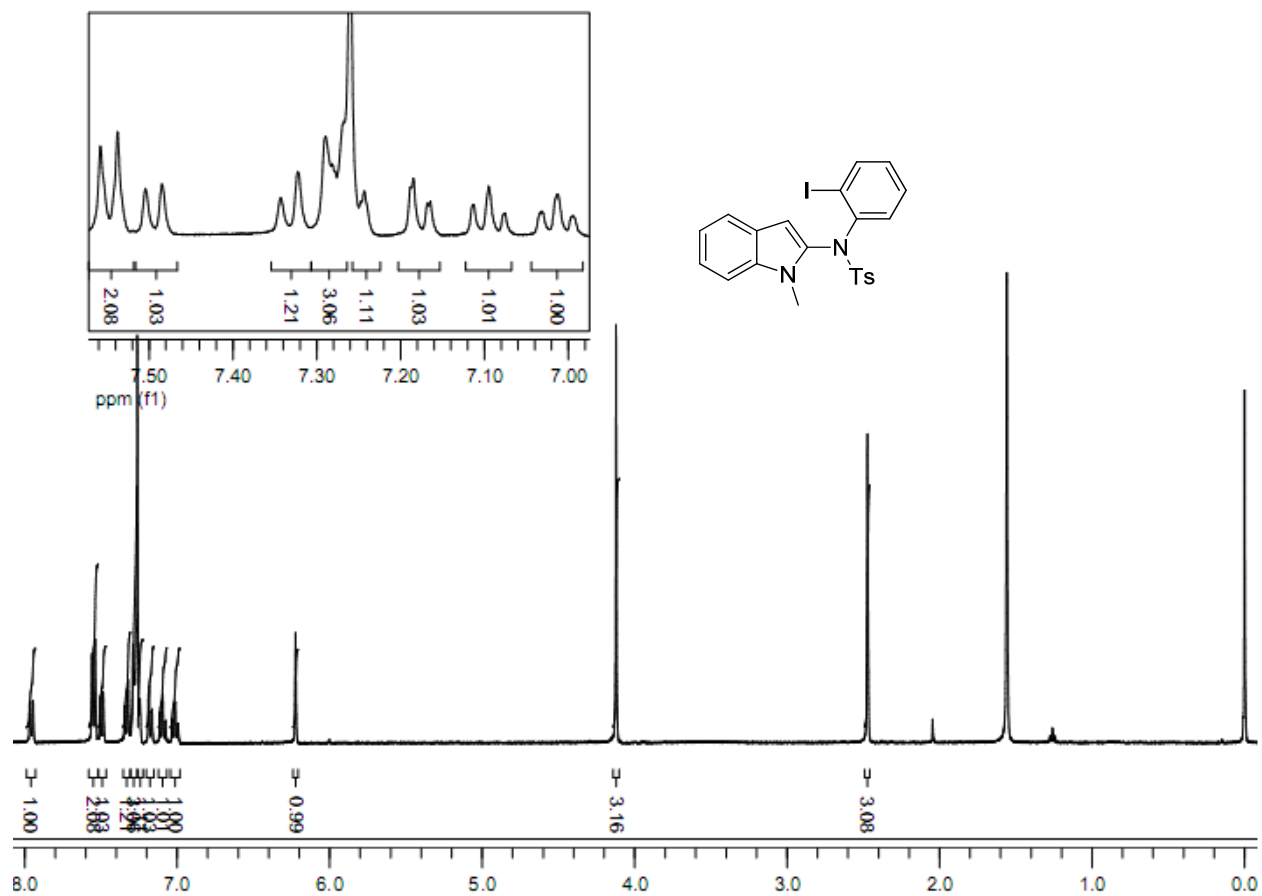
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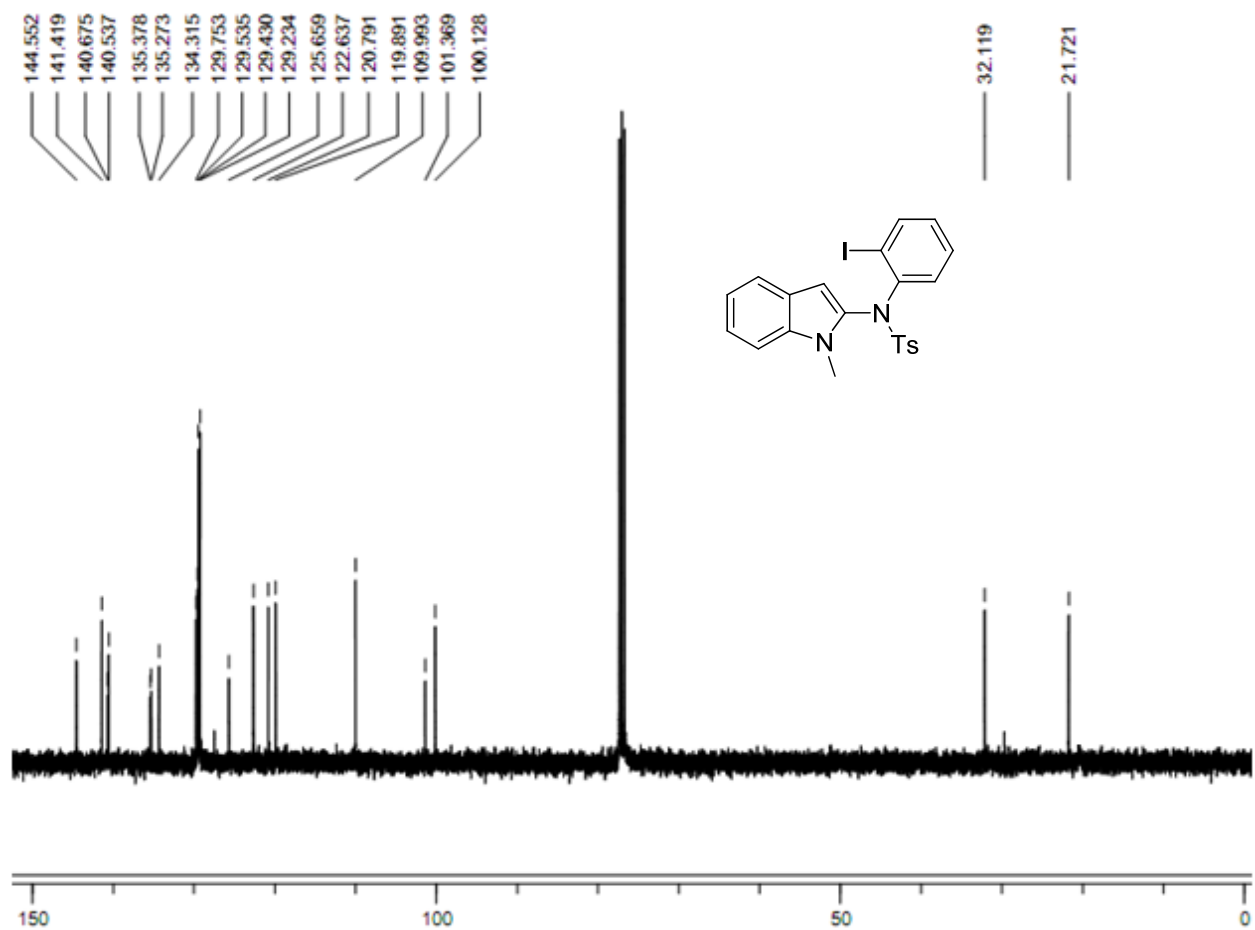
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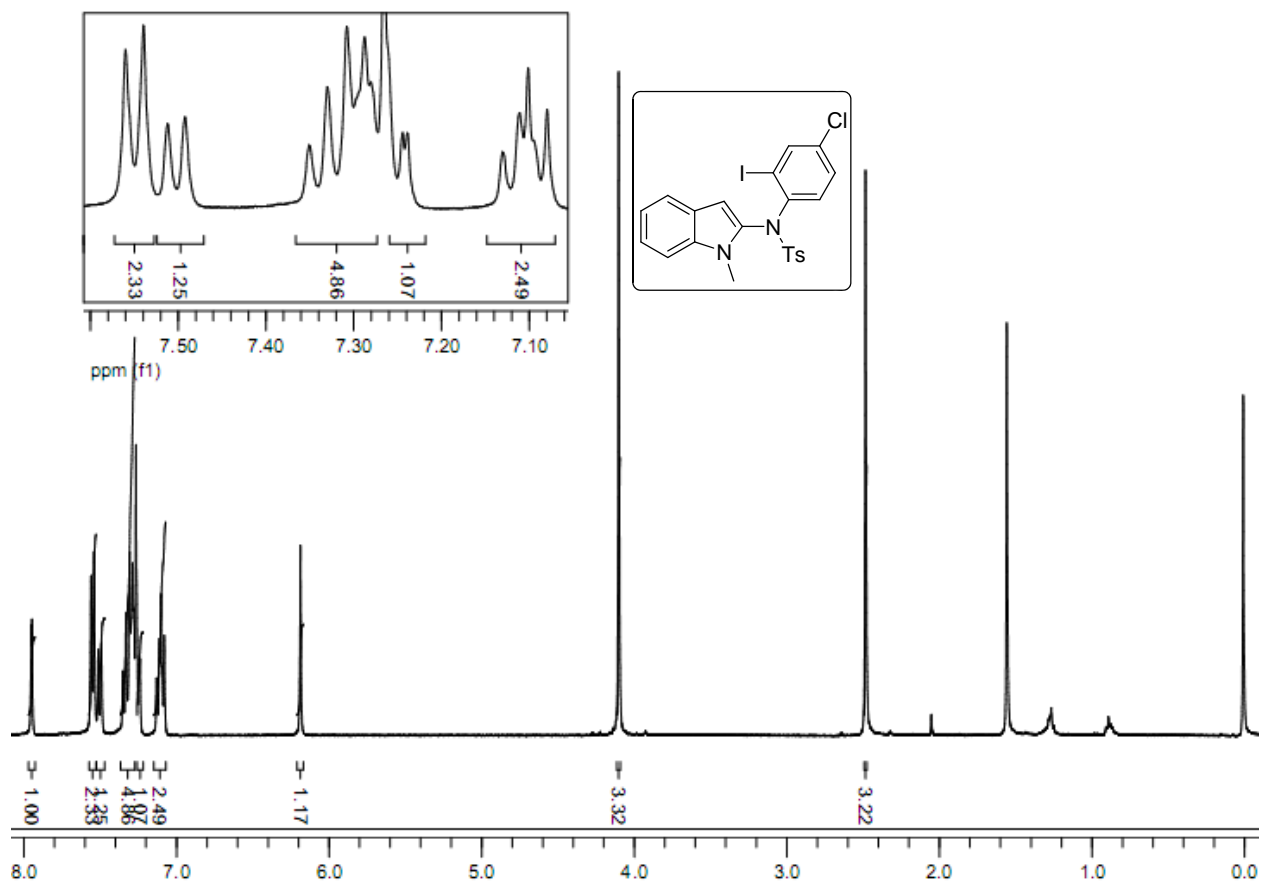
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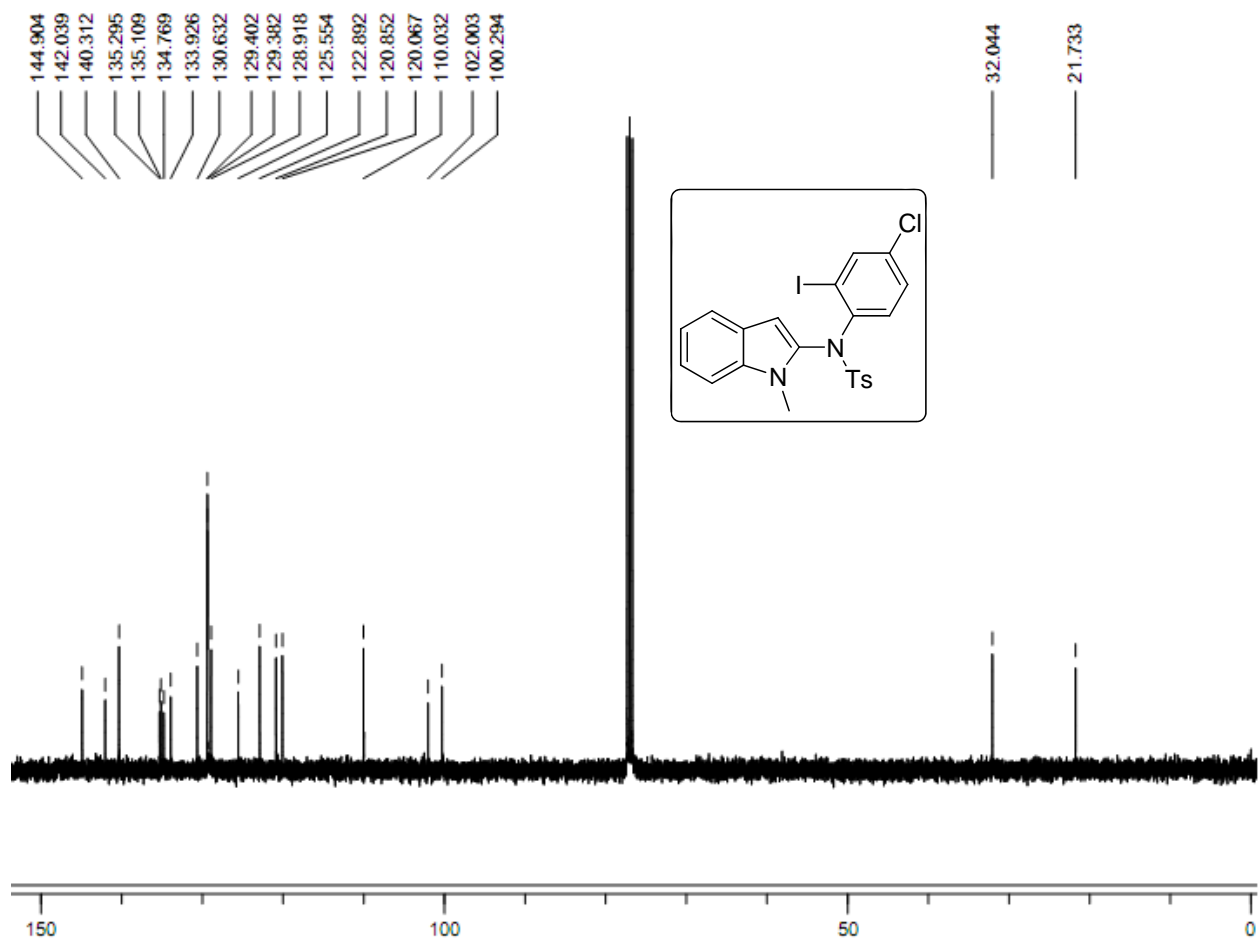
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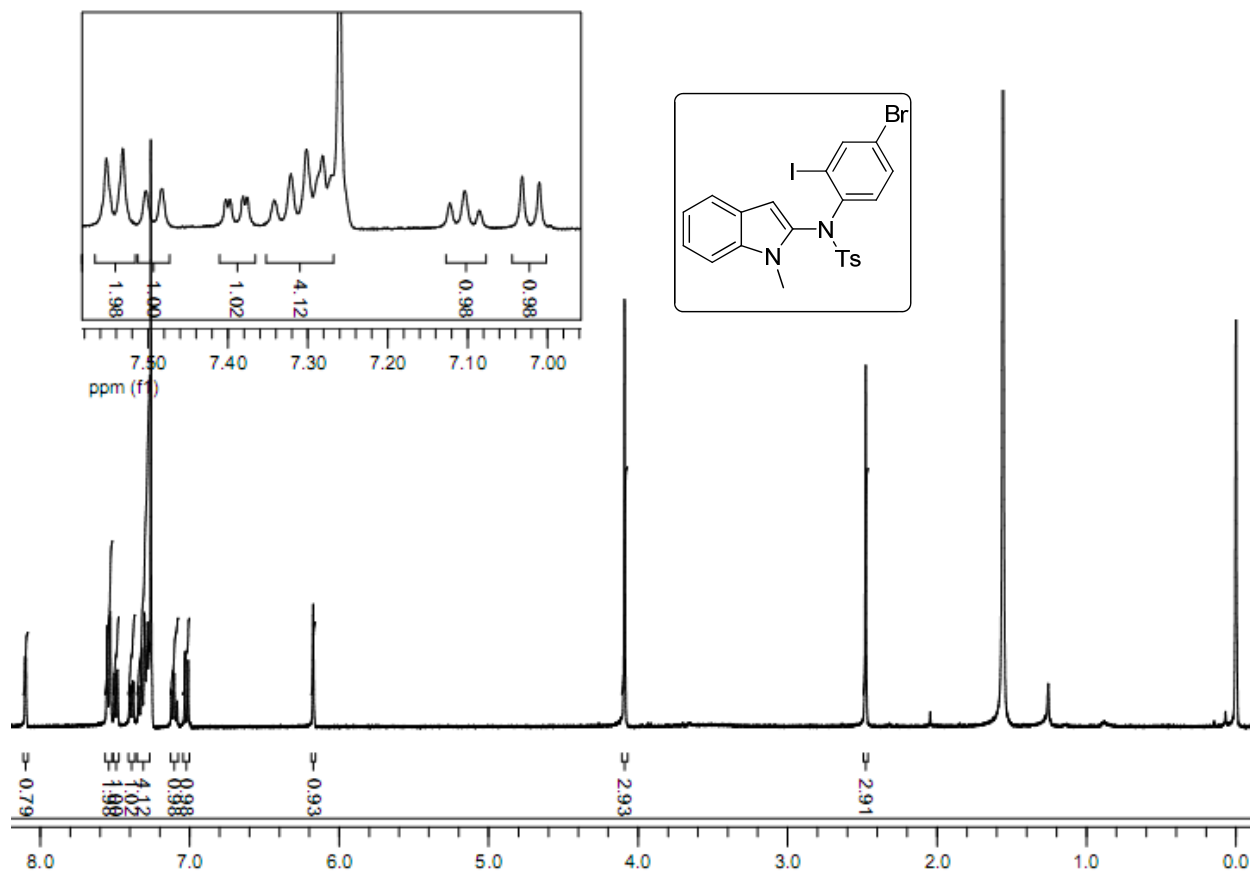


3f ^{13}C NMR (100 MHz, CDCl_3)

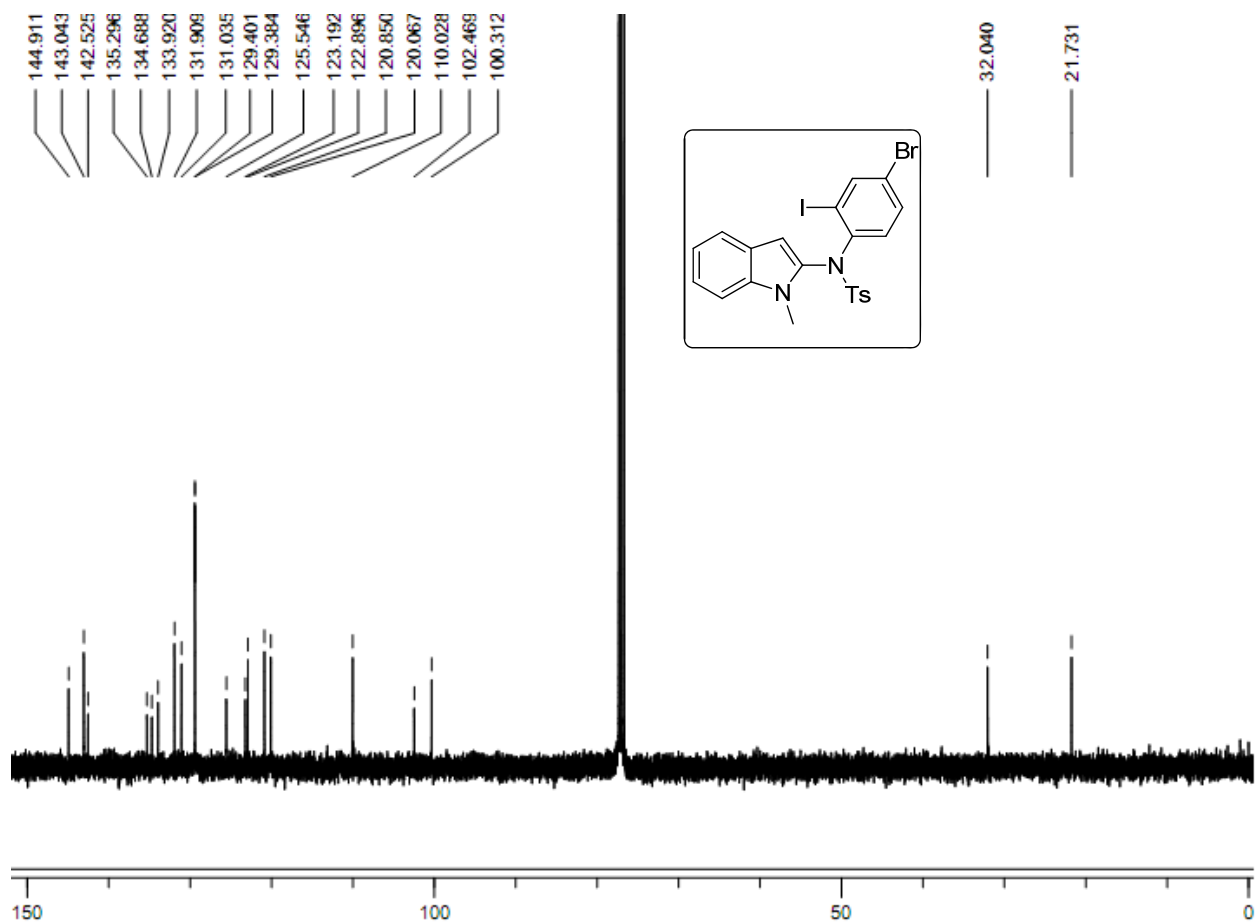


3g ^1H NMR (400 MHz, CDCl_3)

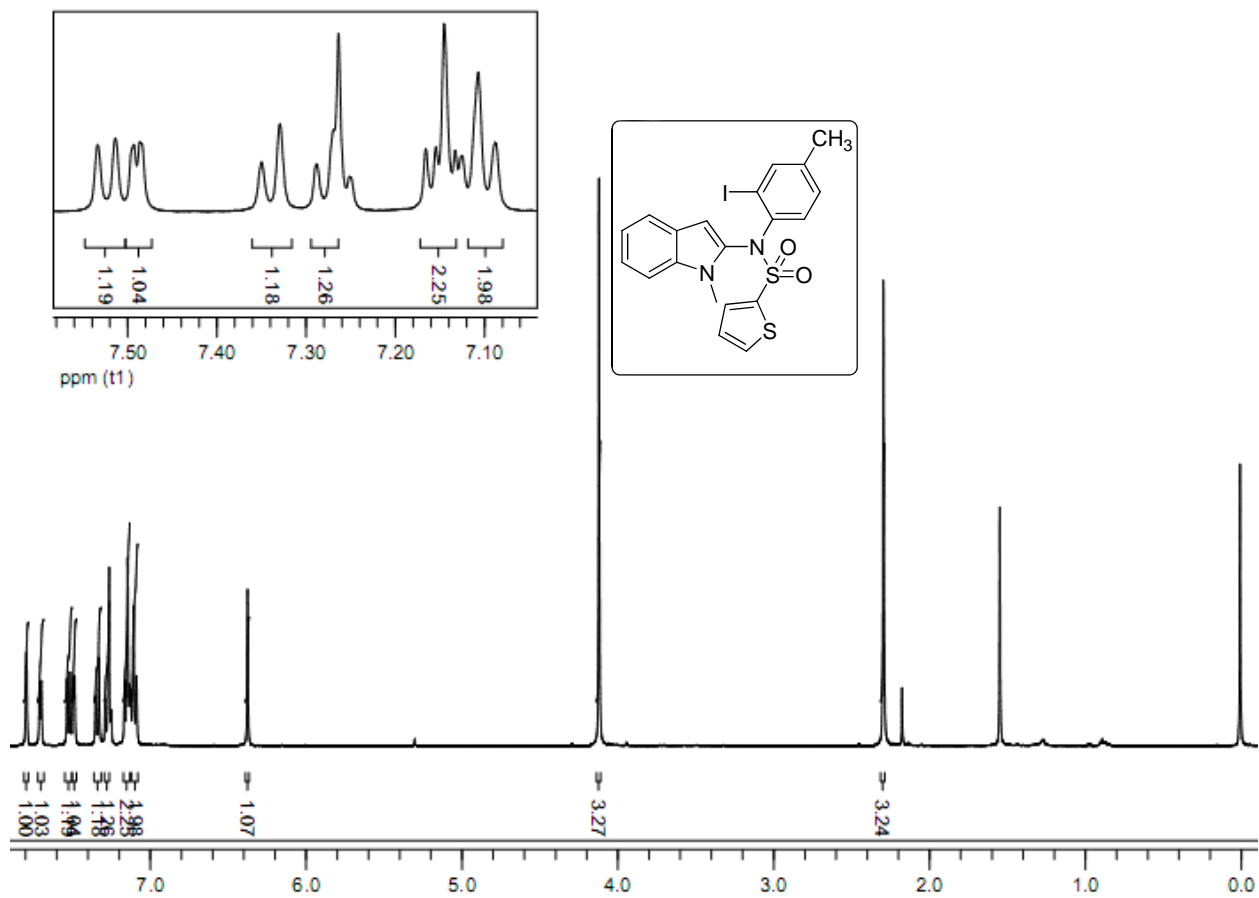


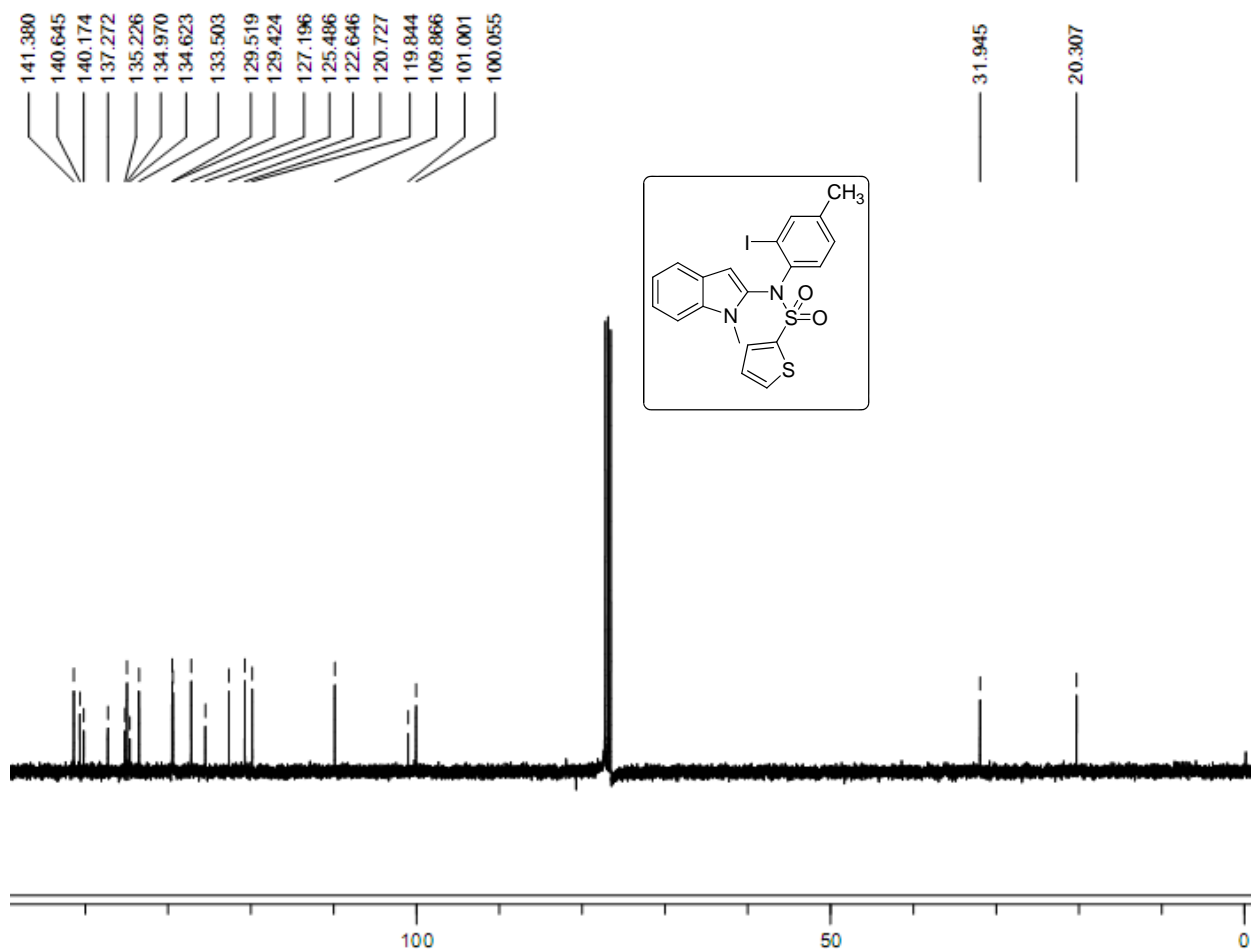


3h ^1H NMR (400 MHz, CDCl_3)

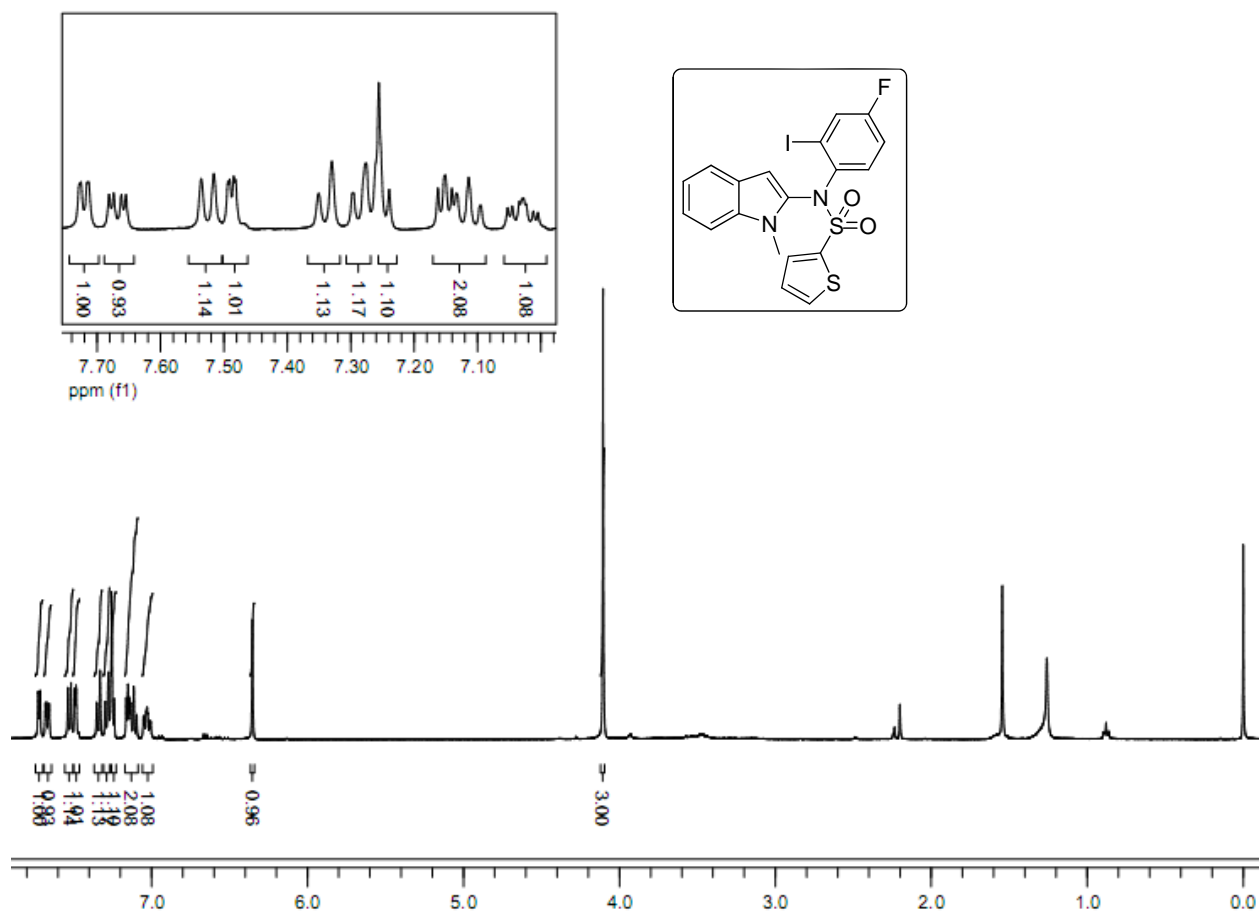


3h ^{13}C NMR (100 MHz, CDCl_3)

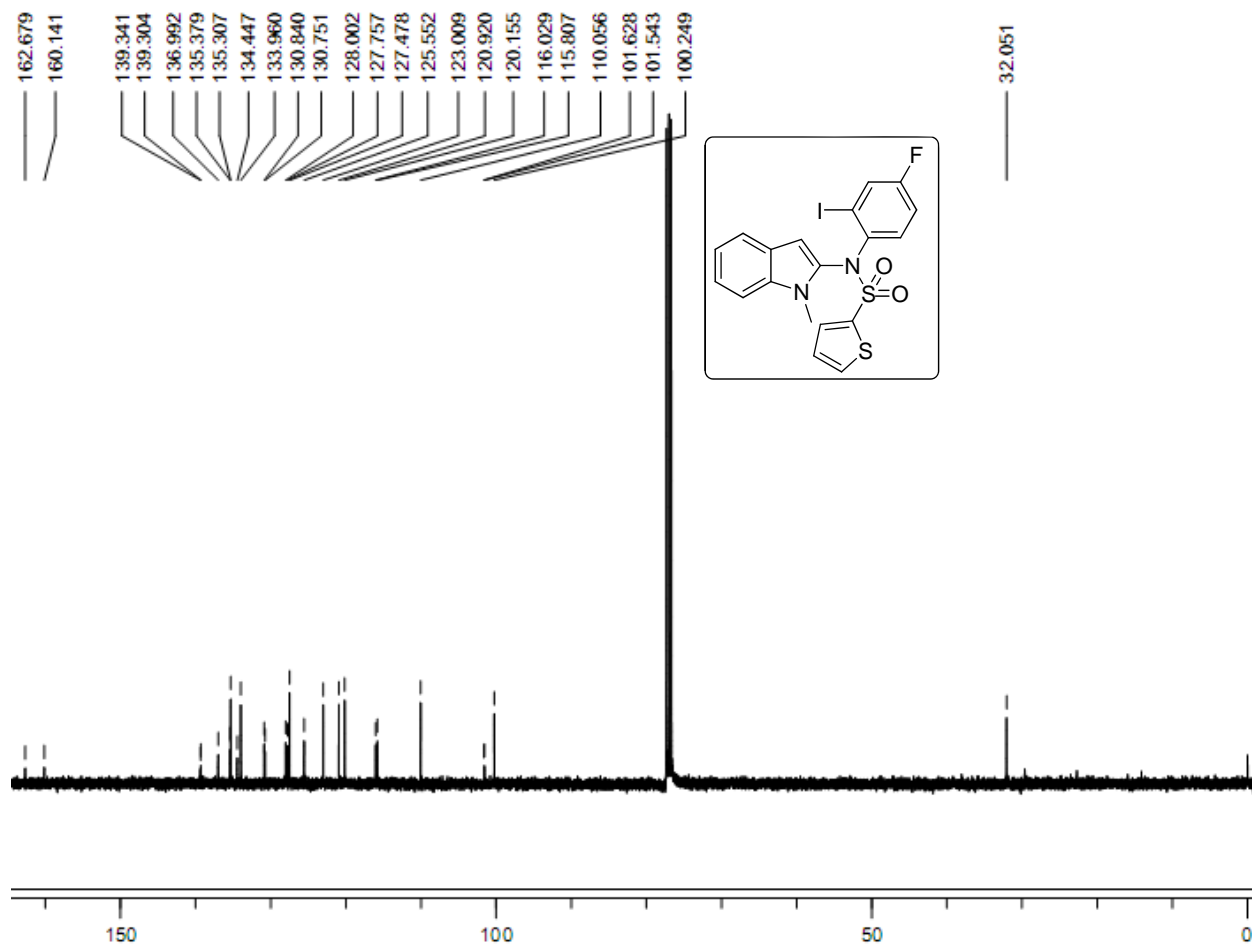




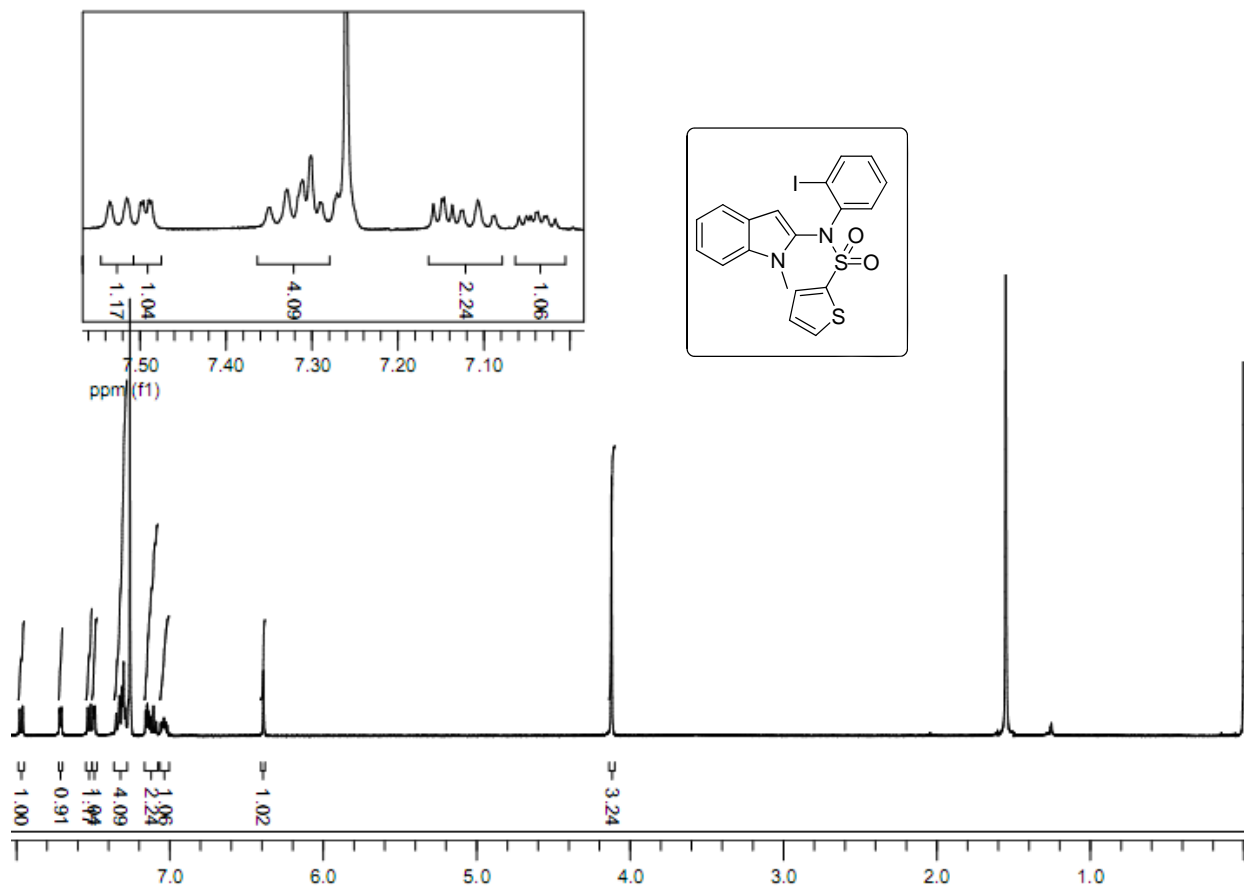
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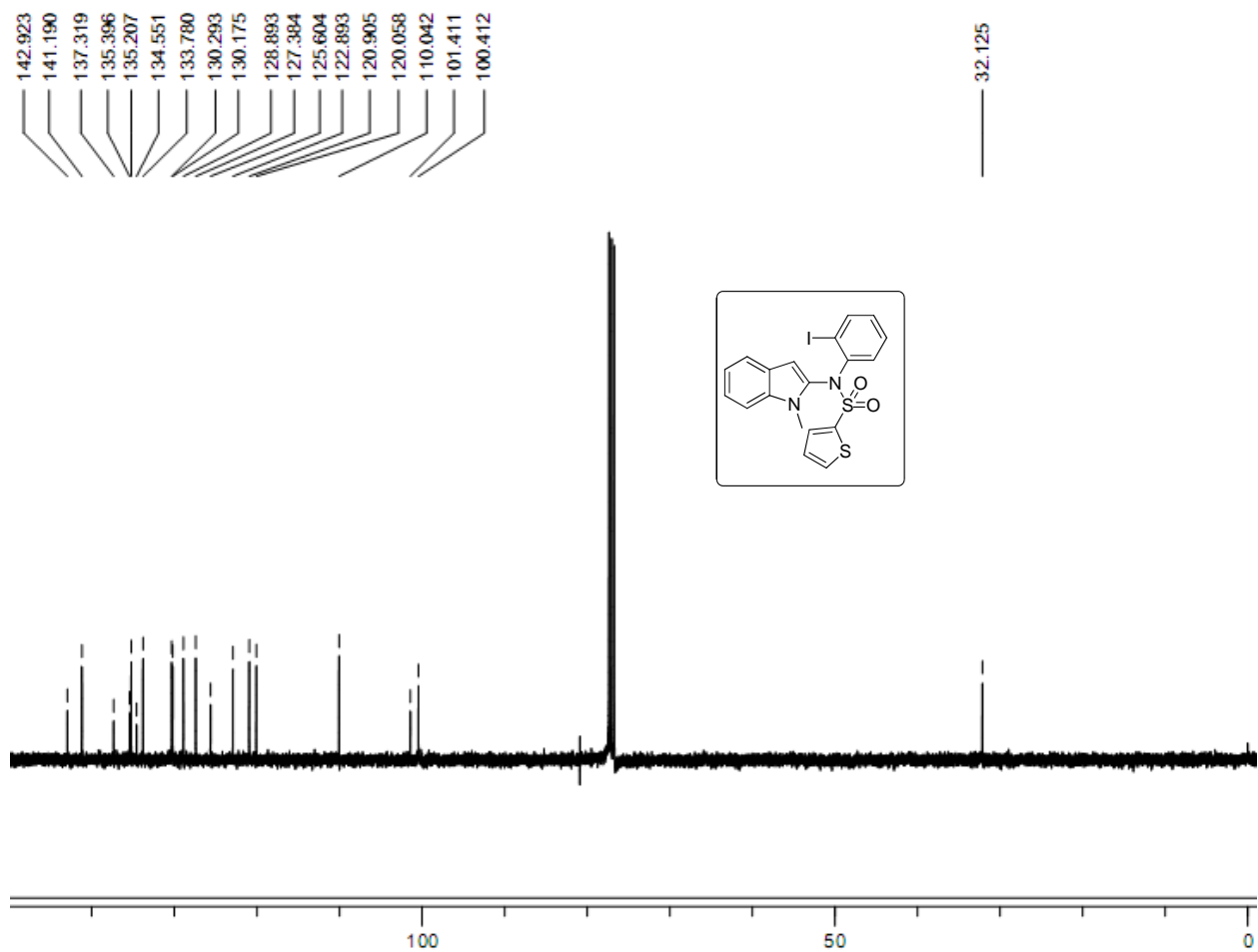
3j ^1H NMR (400 MHz, CDCl_3)



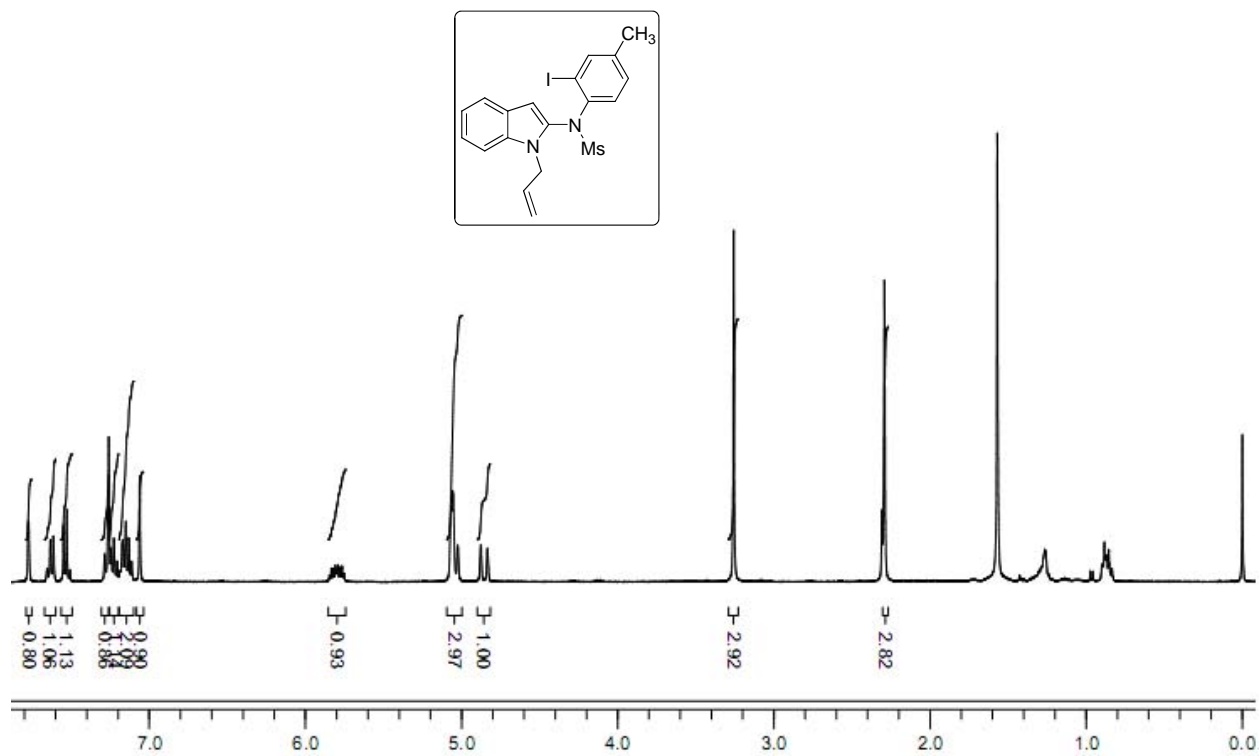
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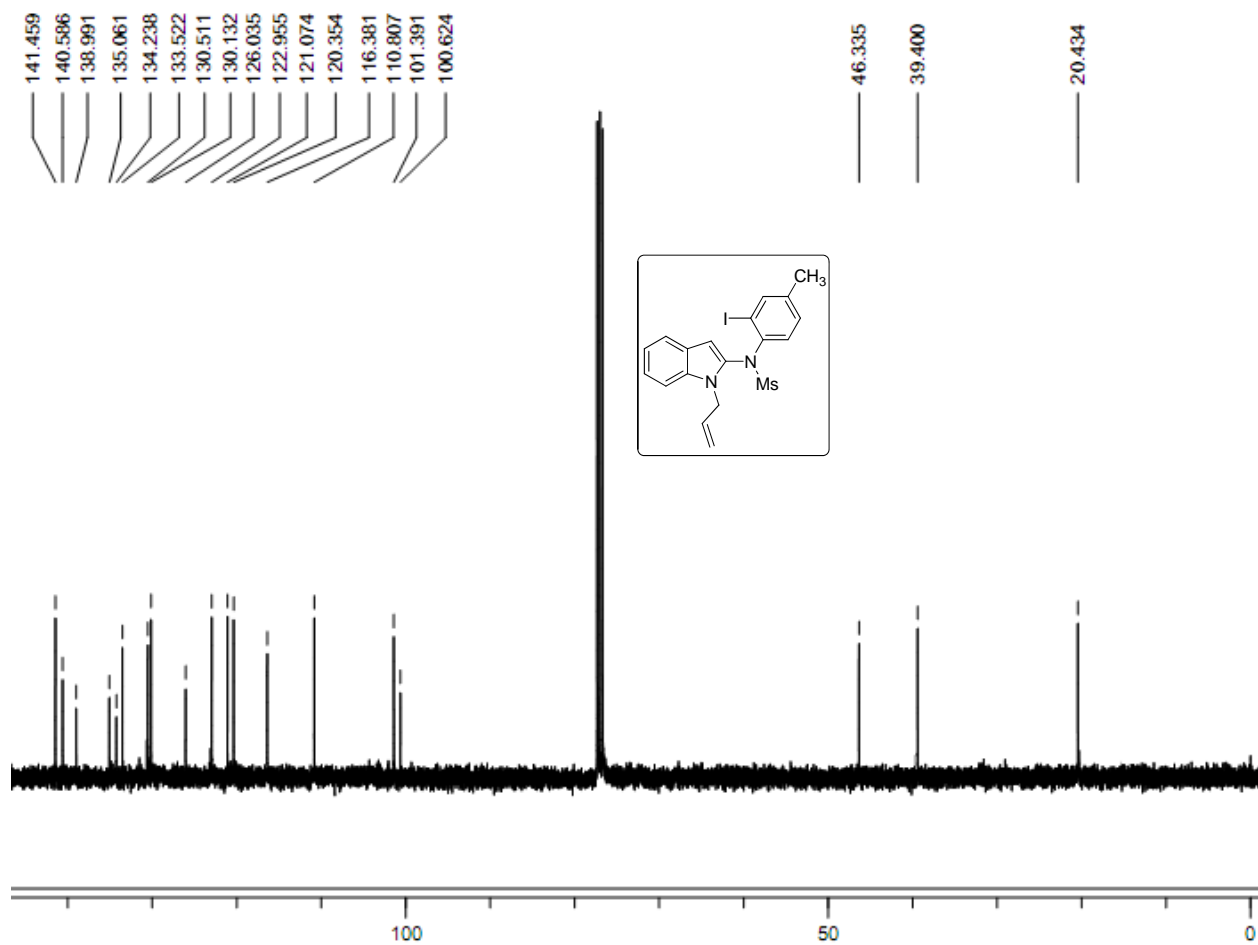
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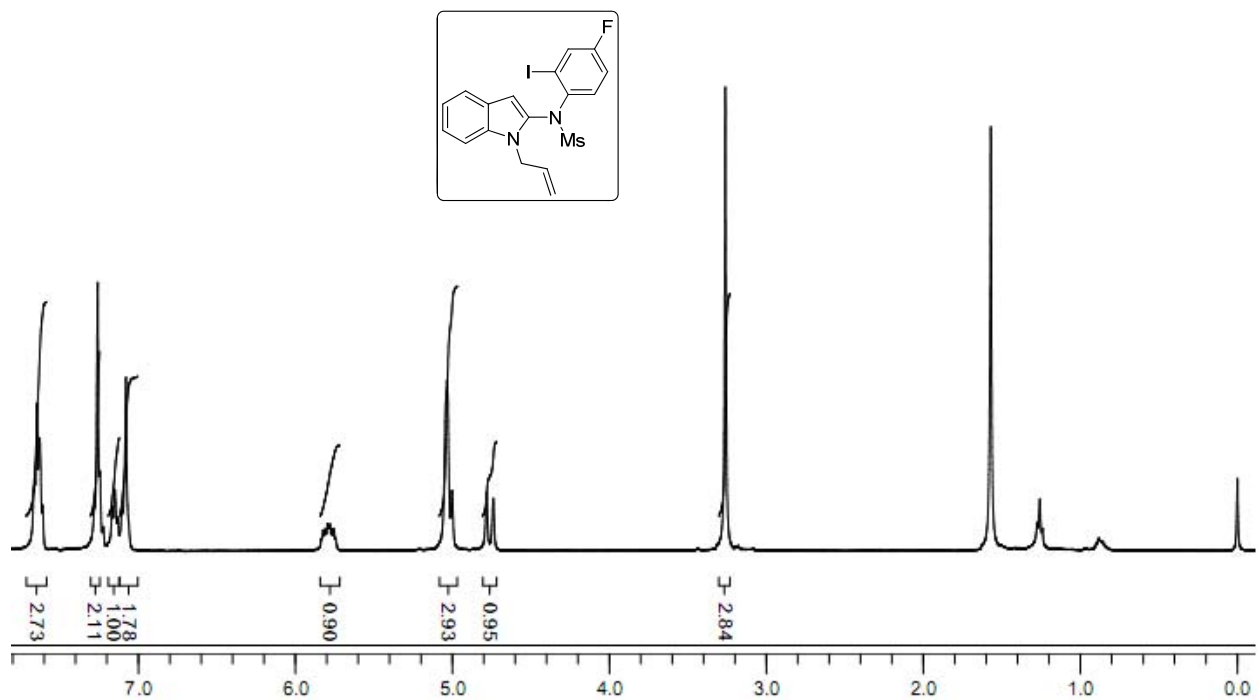
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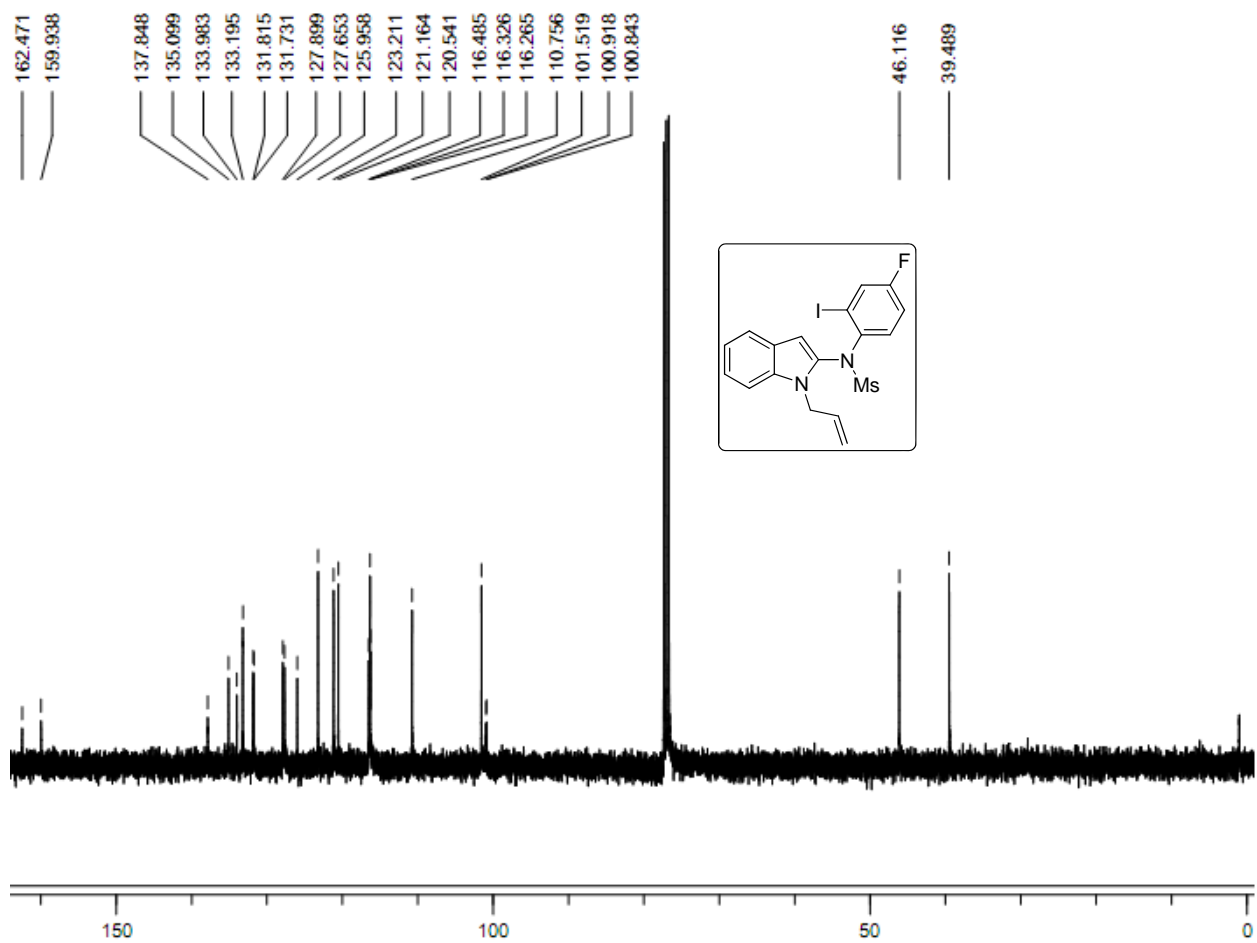
31 ^1H NMR (400 MHz, CDCl_3)



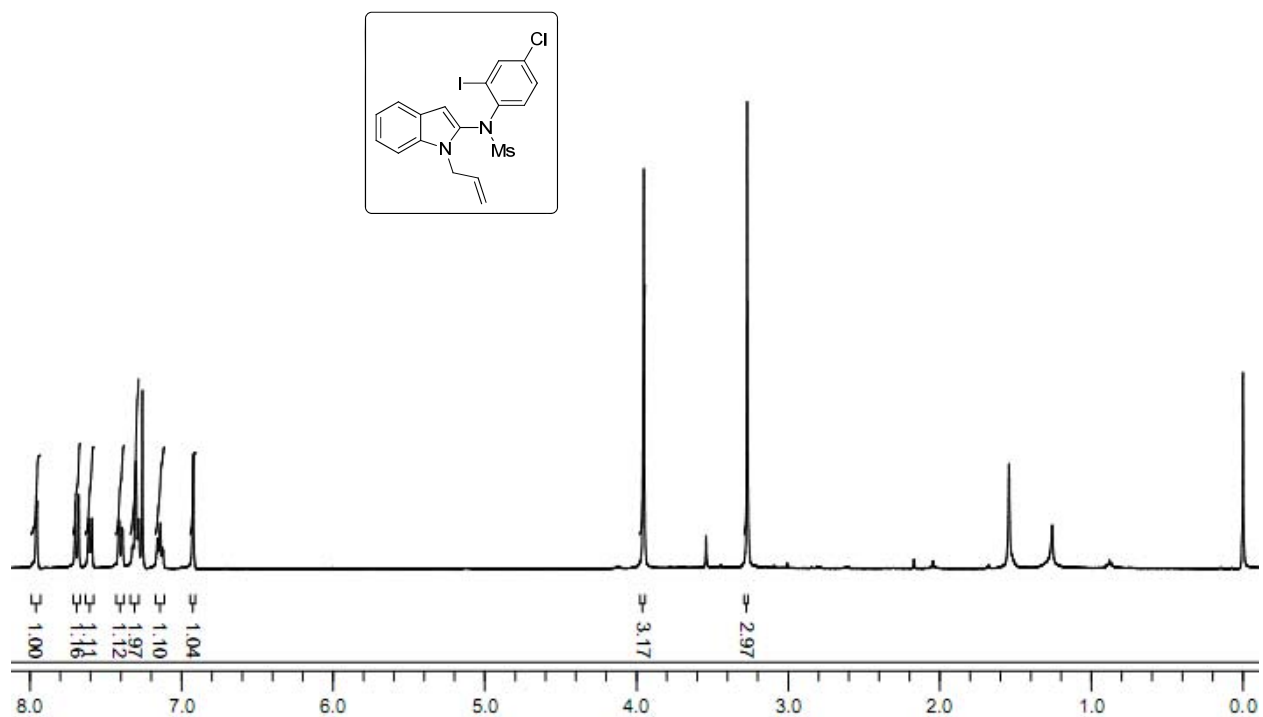
3I ¹³C NMR (100 MHz, CDCl₃)



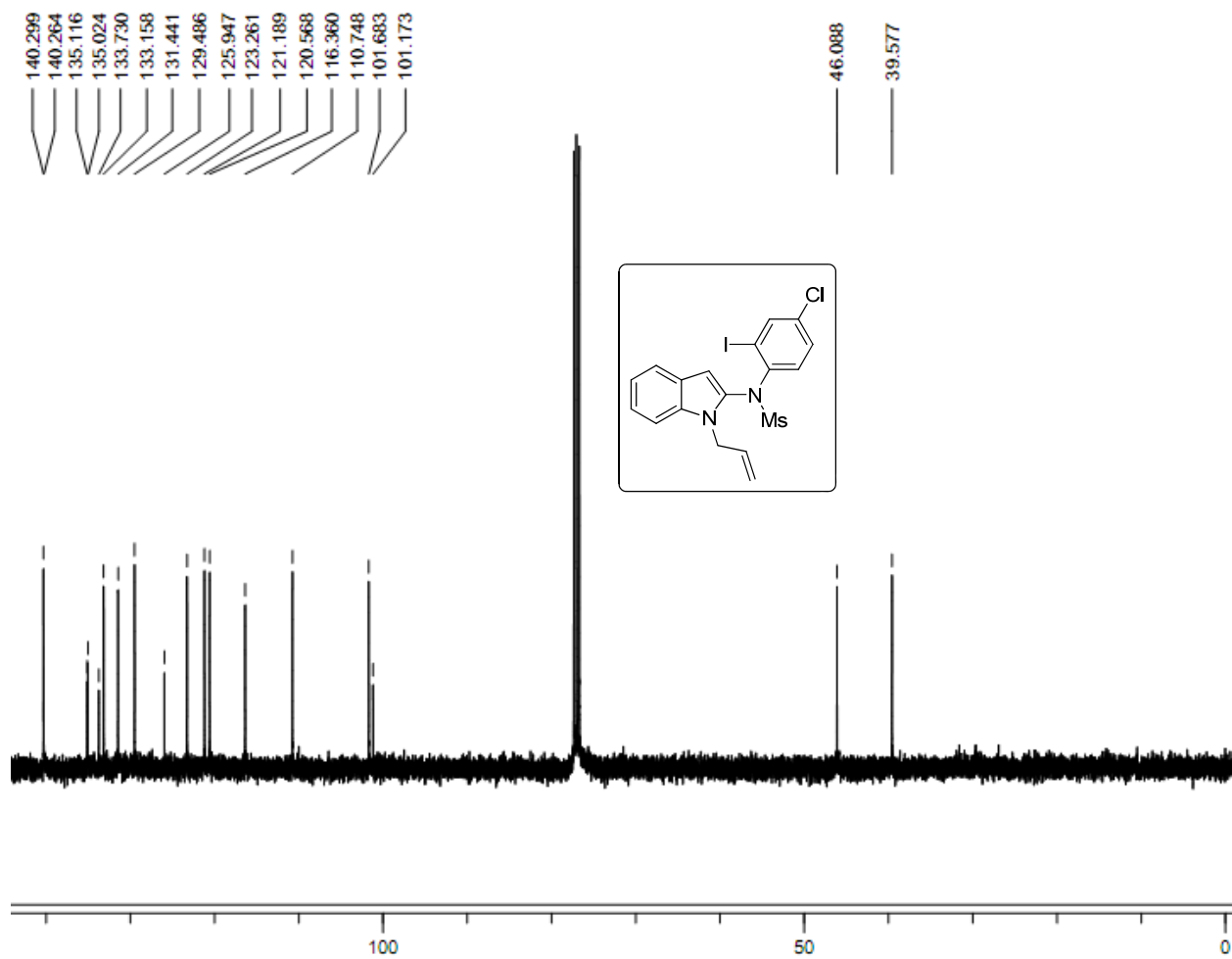
3m ^1H NMR (400 MHz, CDCl_3)



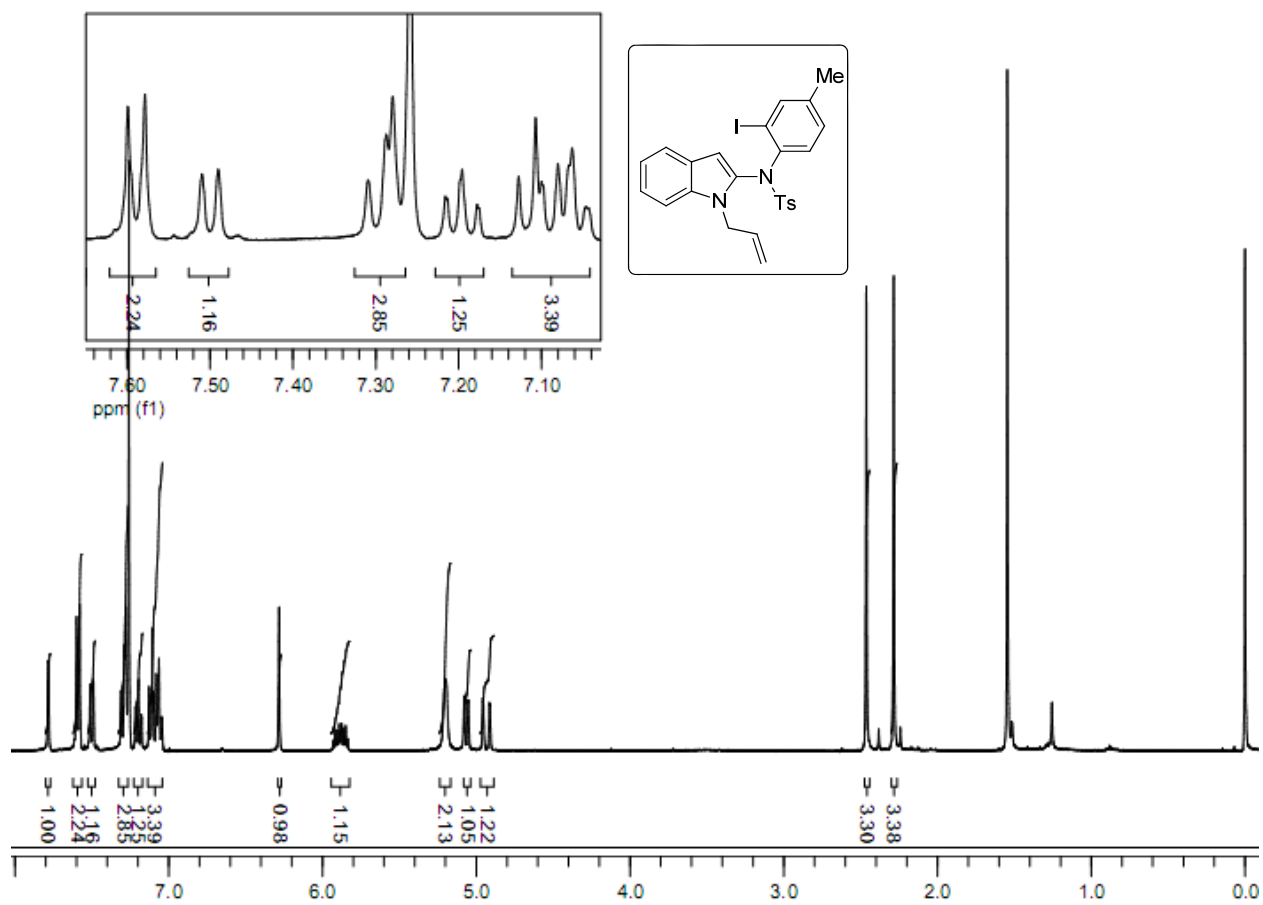
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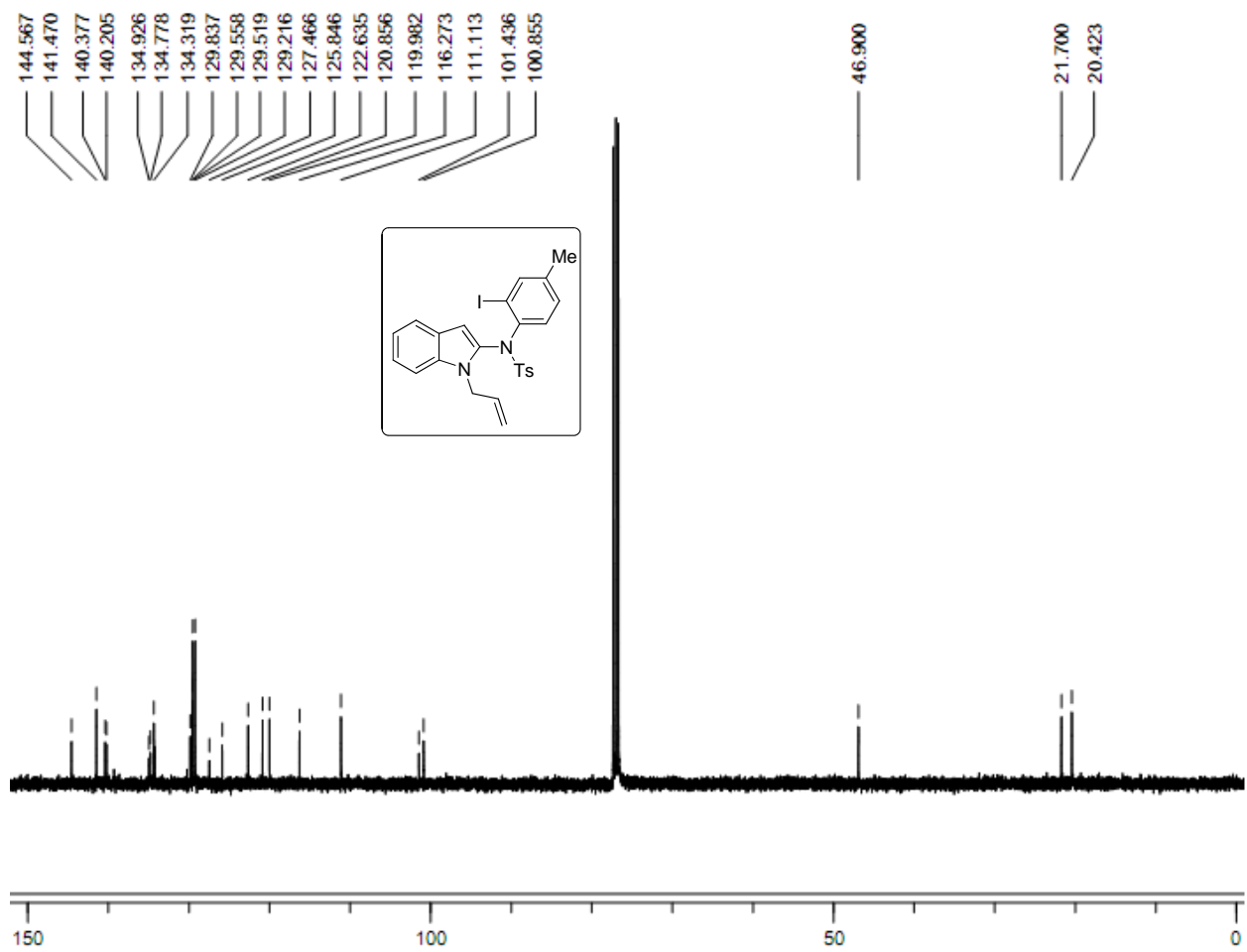
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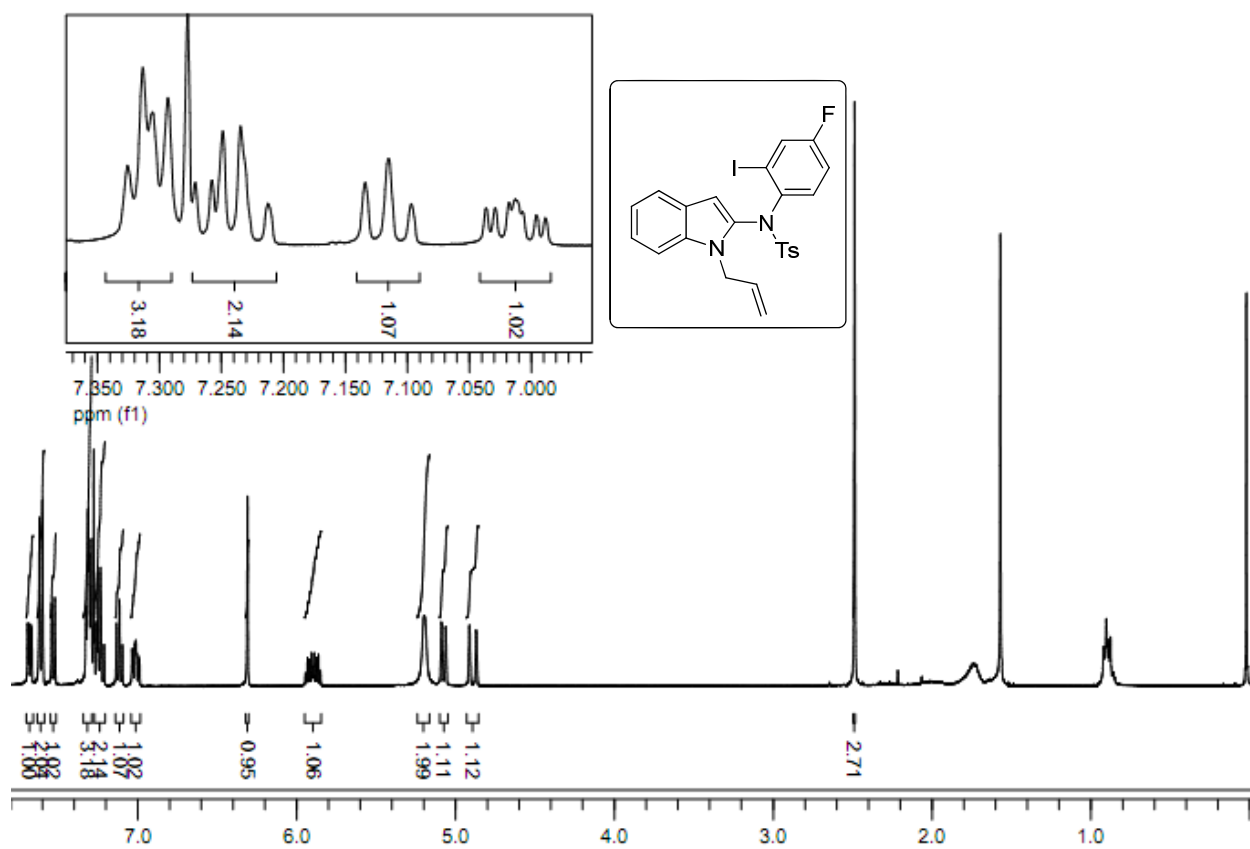
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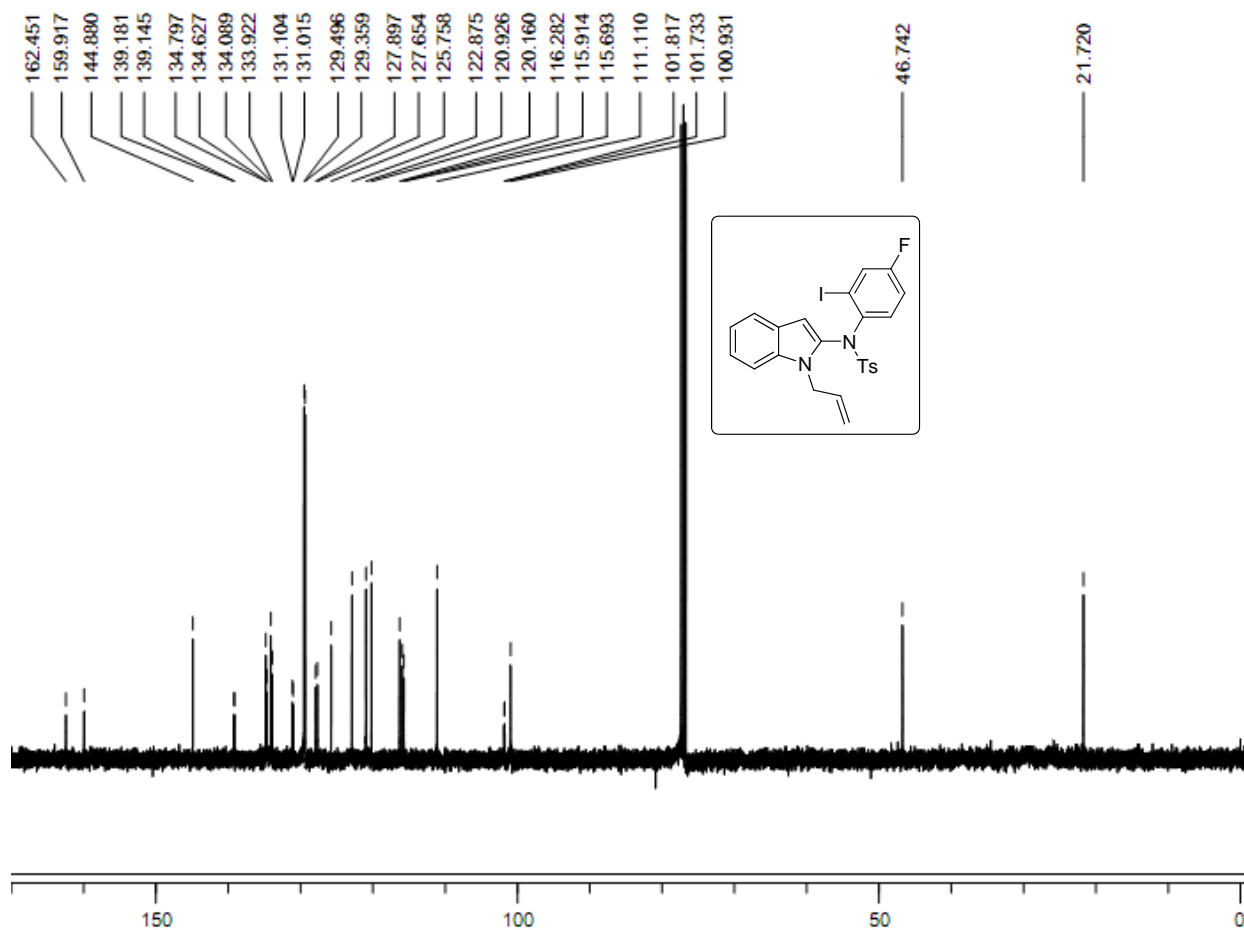
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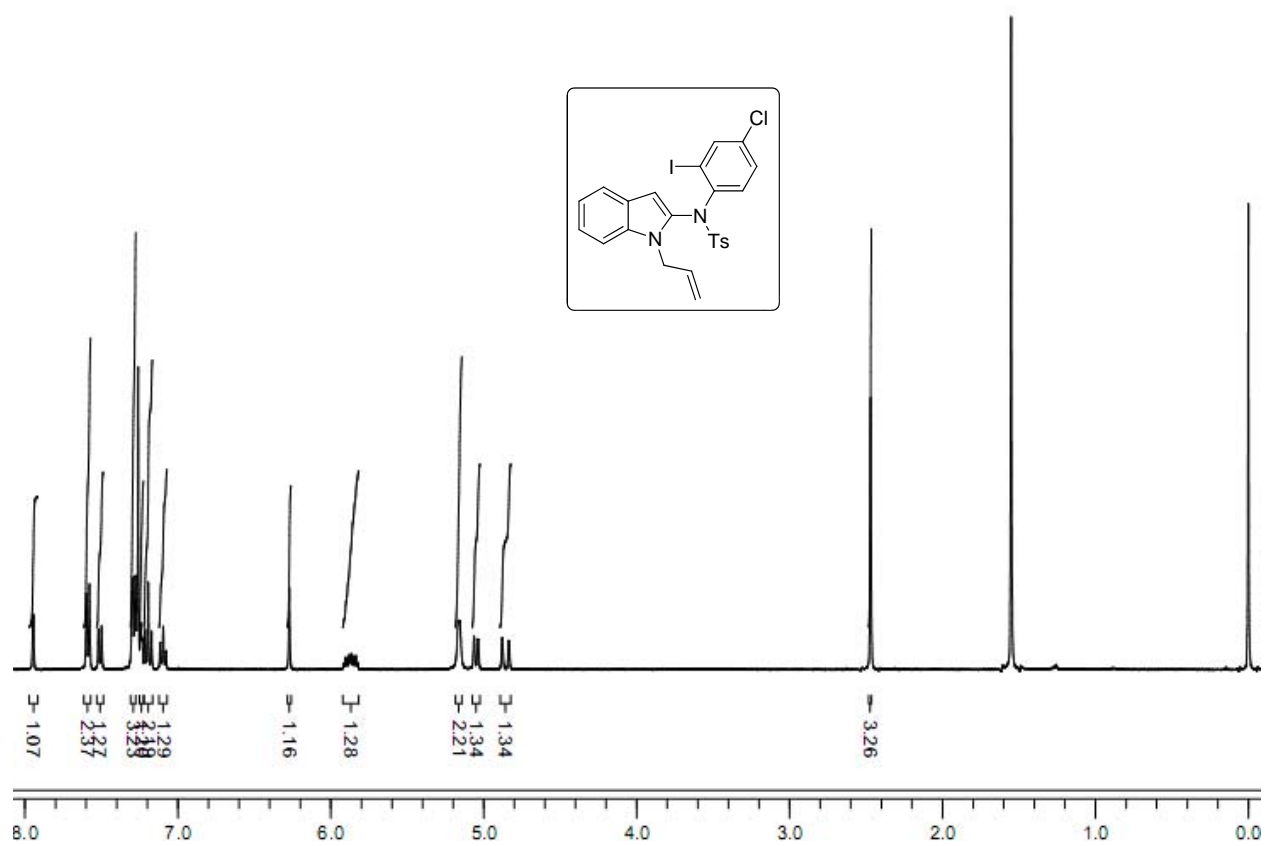
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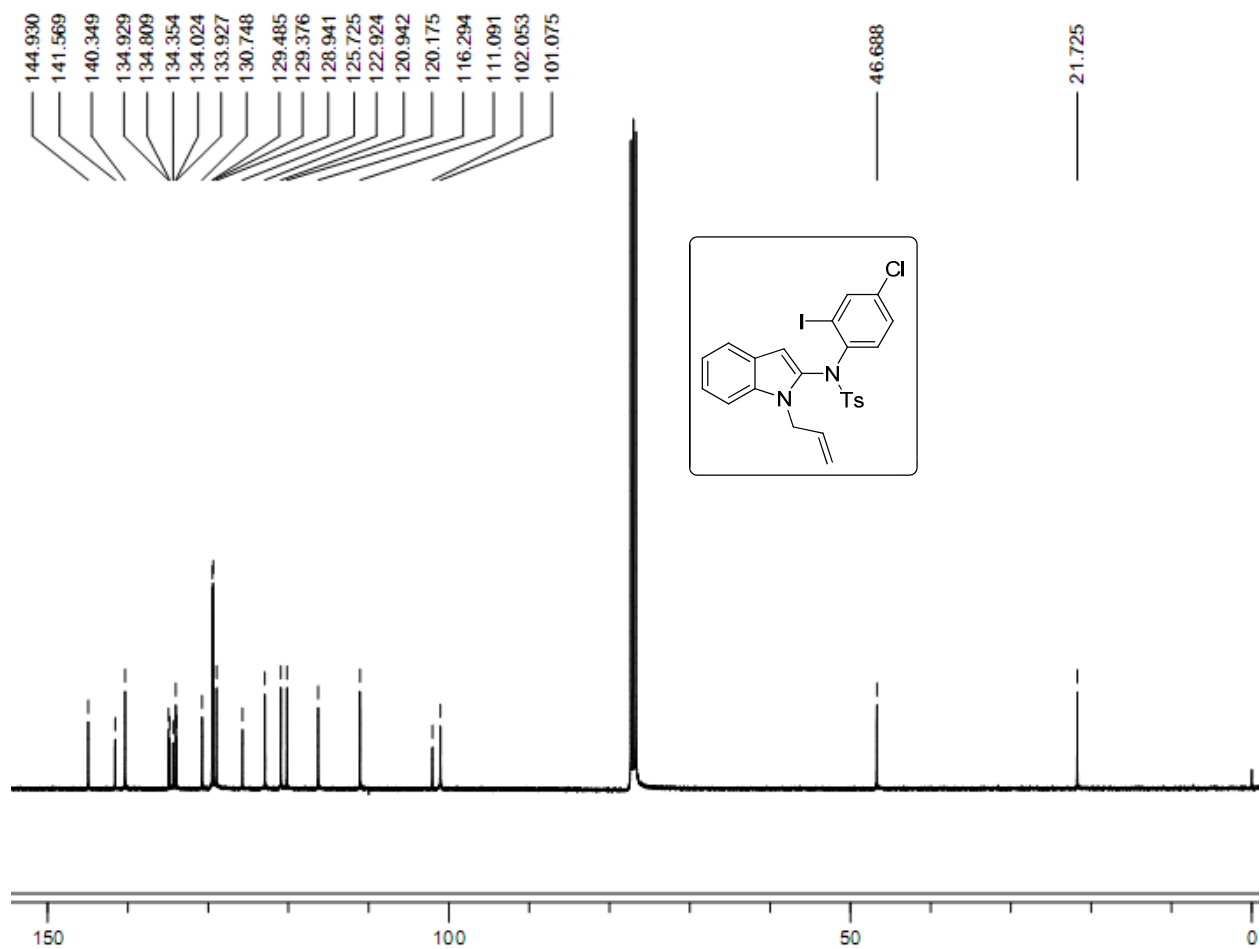
3p ^1H NMR (400 MHz, CDCl_3)



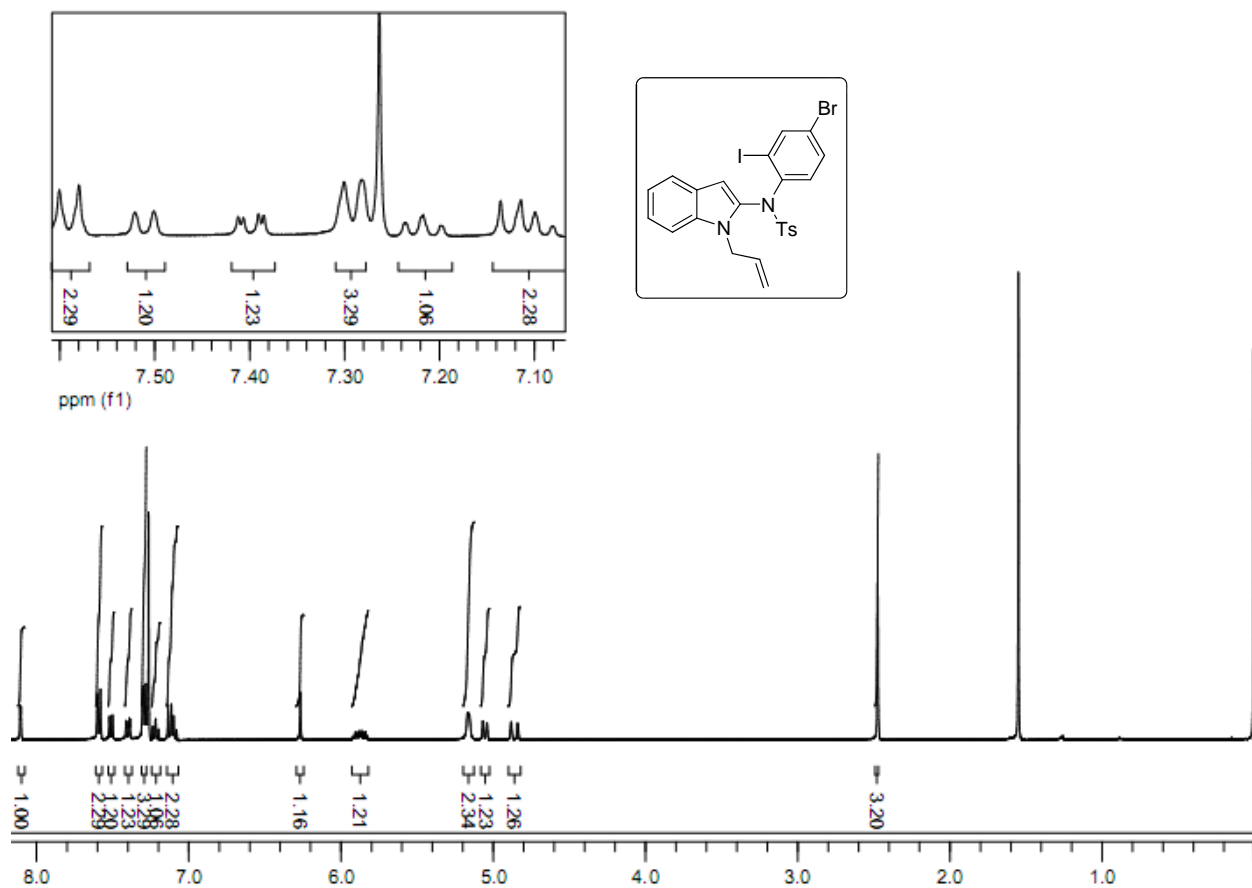
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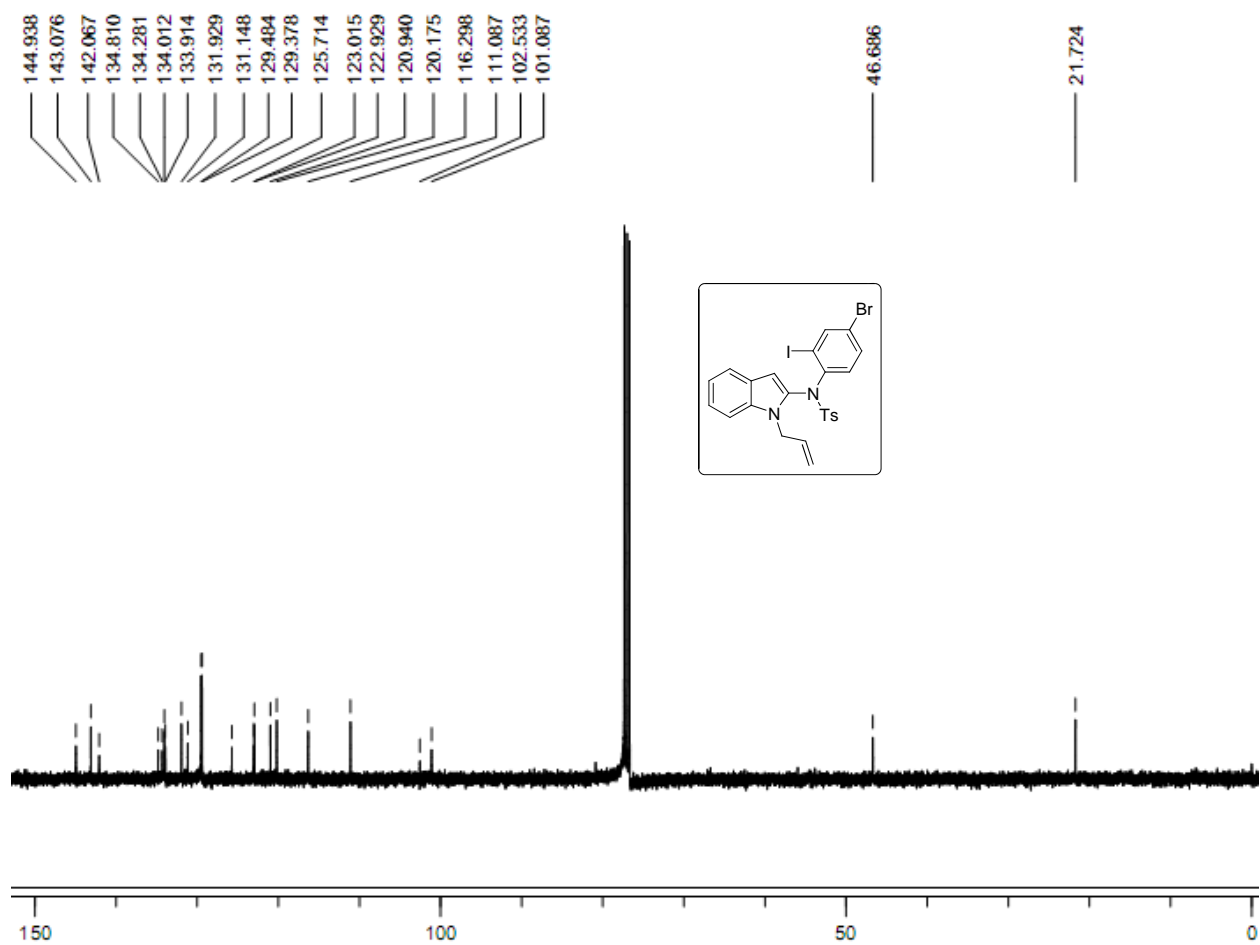
3q ^1H NMR (400 MHz, CDCl_3)



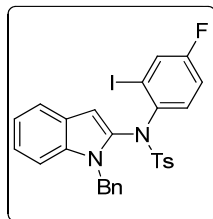
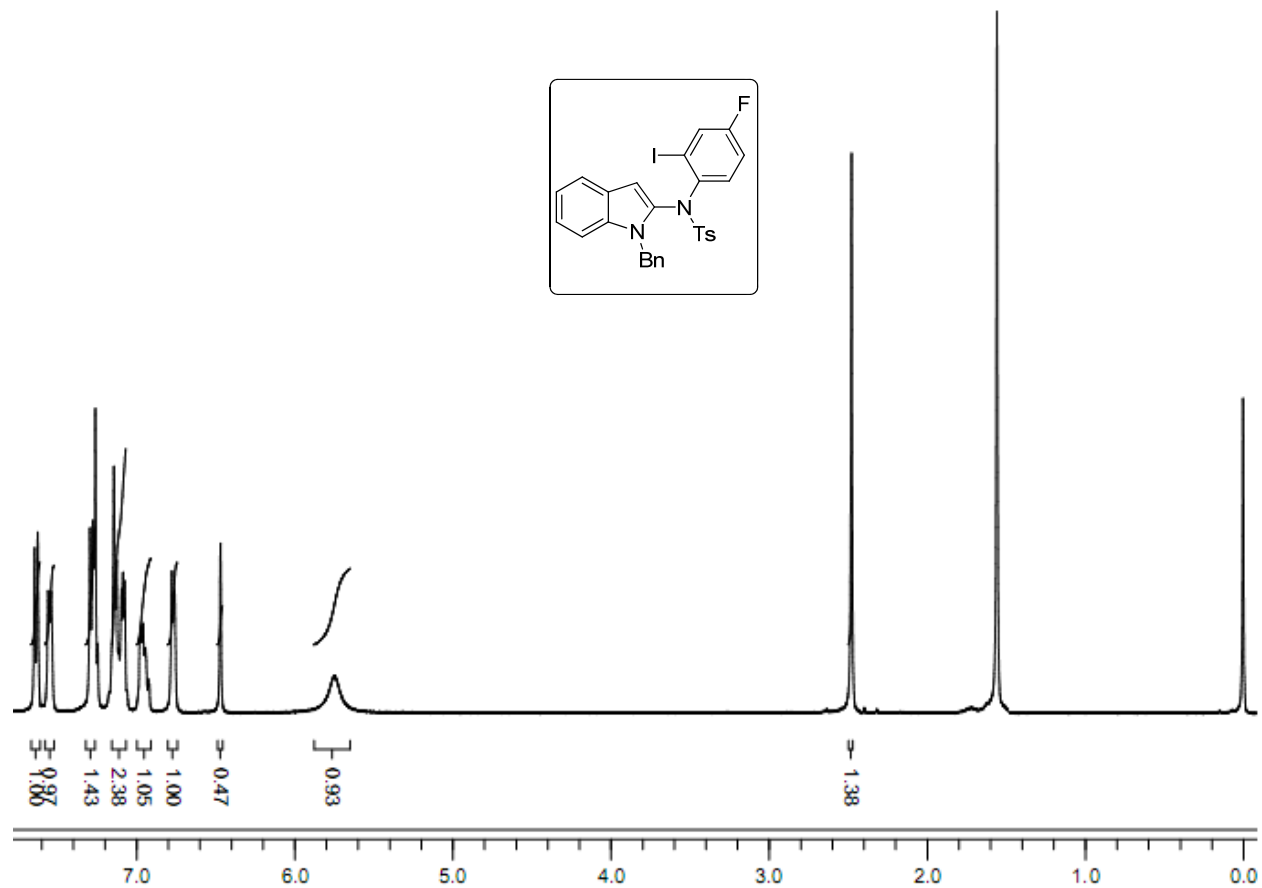
3q ^{13}C NMR (100 MHz, CDCl_3)



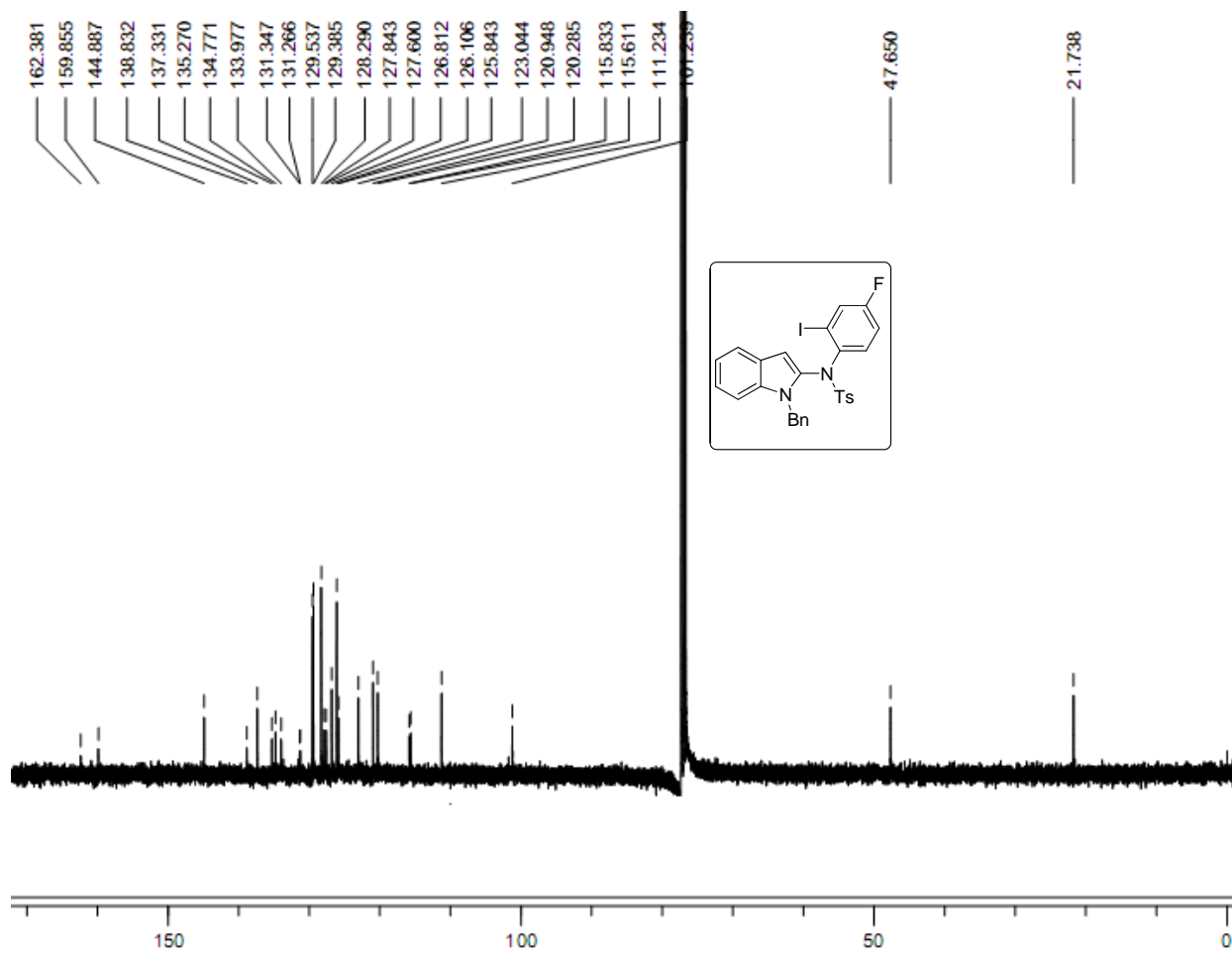
3r ^1H NMR (400 MHz, CDCl_3)



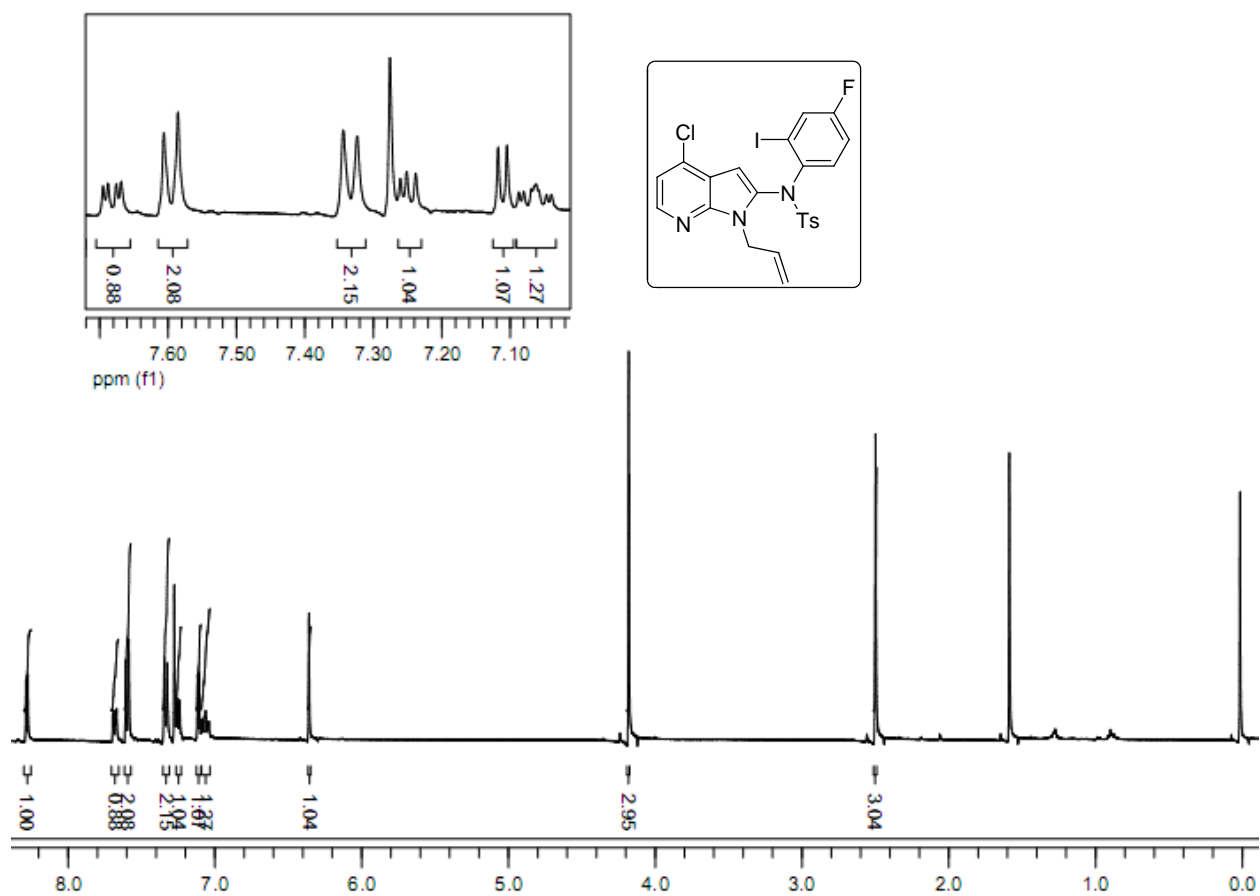
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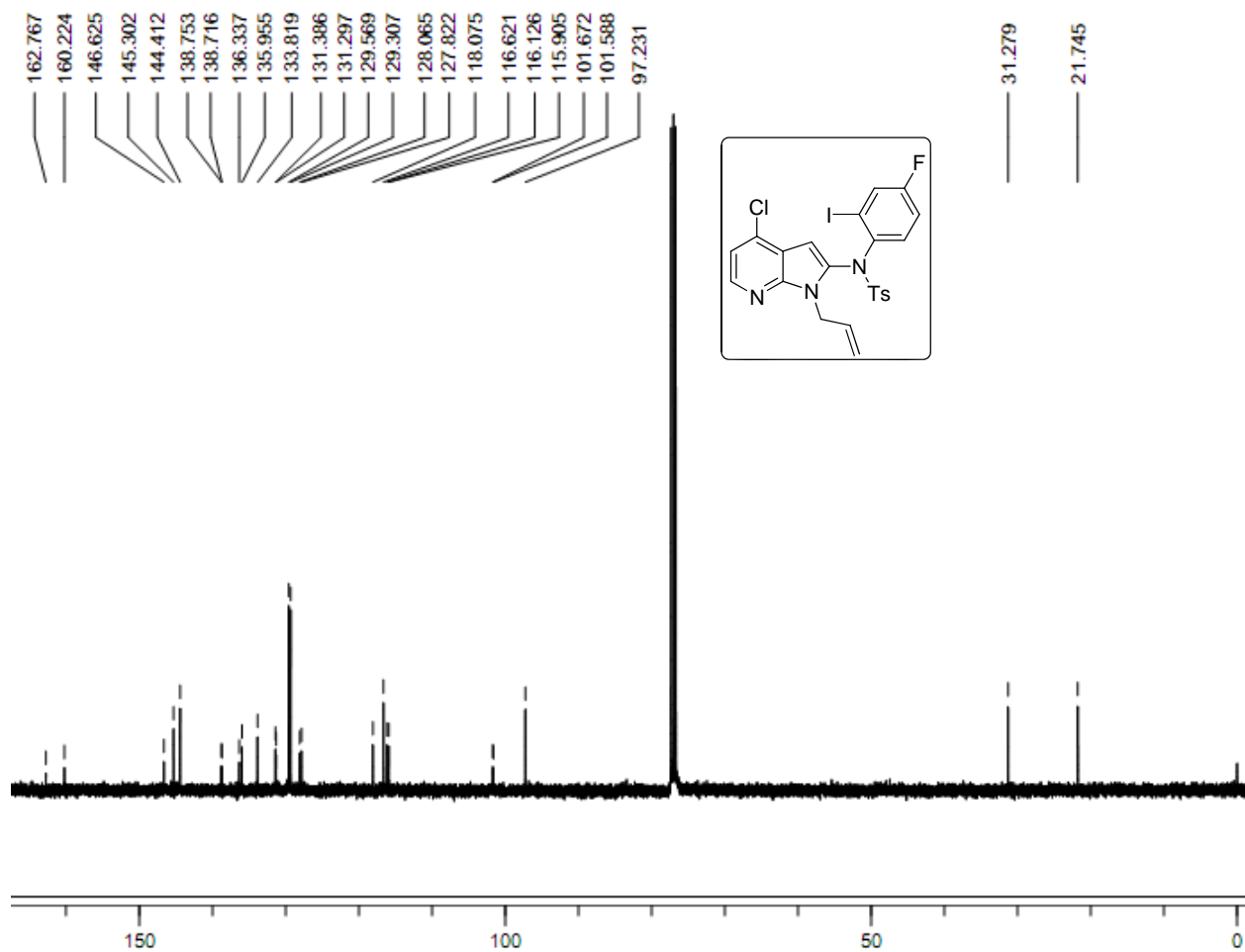


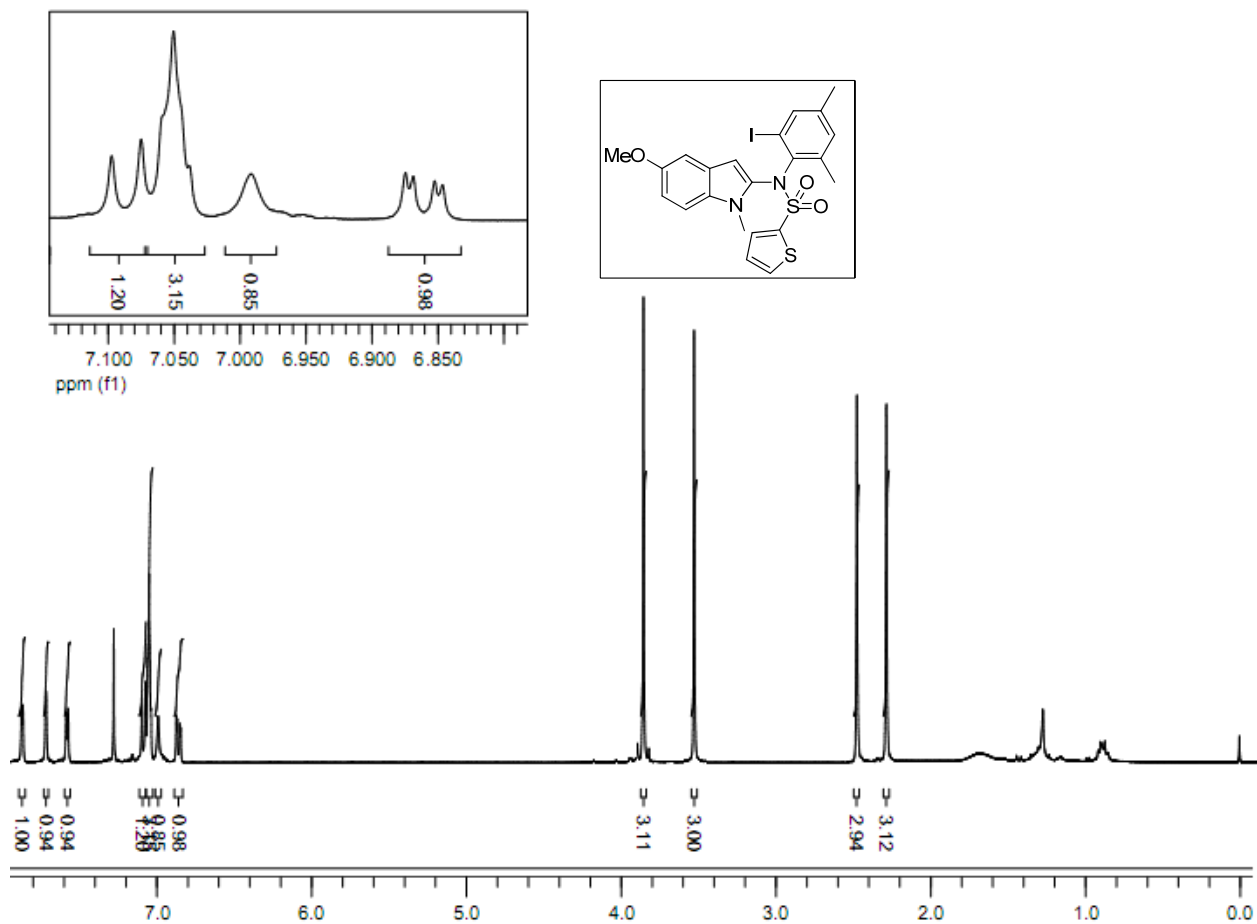
3s ^1H NMR (400 MHz, CDCl_3)



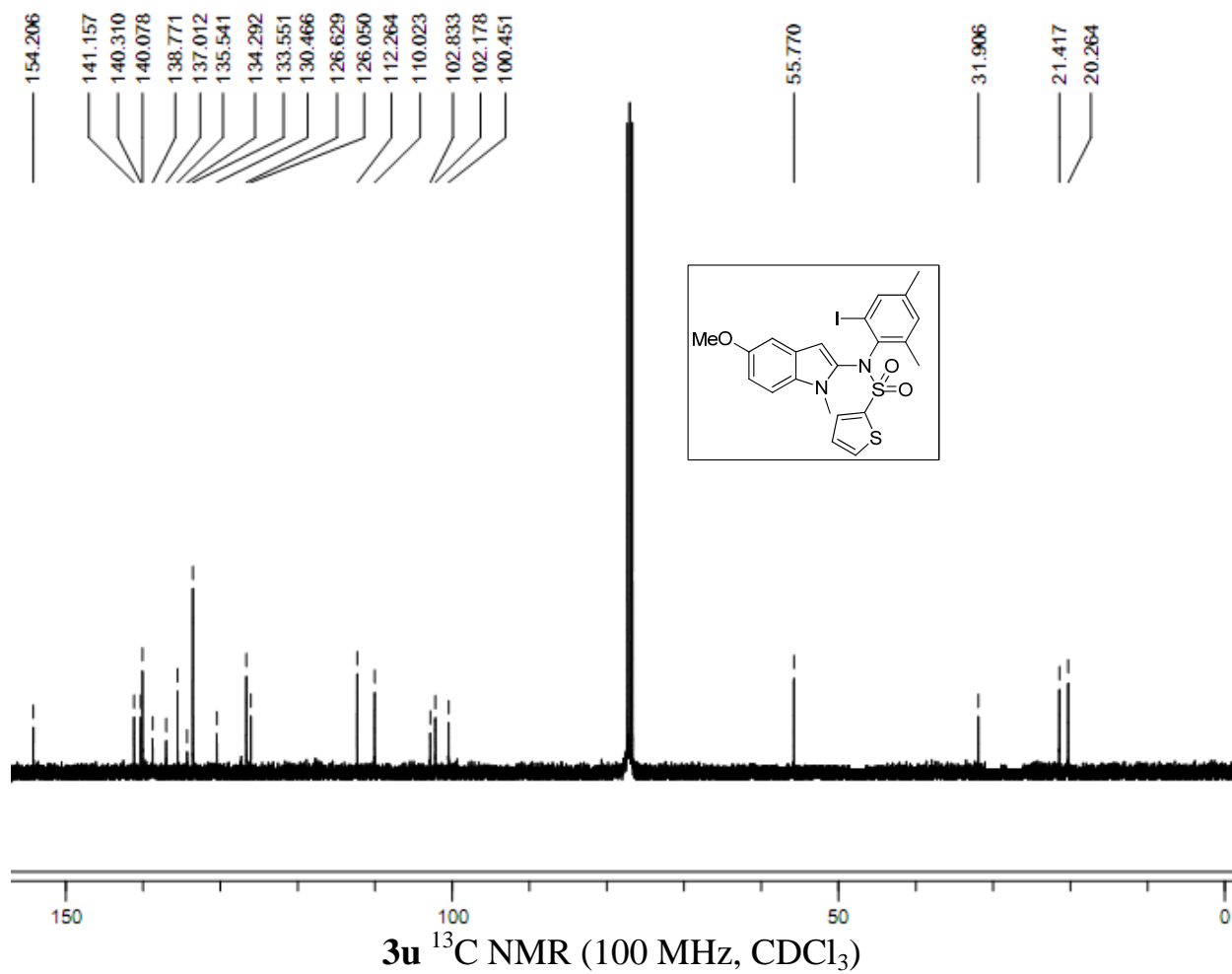
3s ¹³C NMR (100 MHz, CDCl₃)

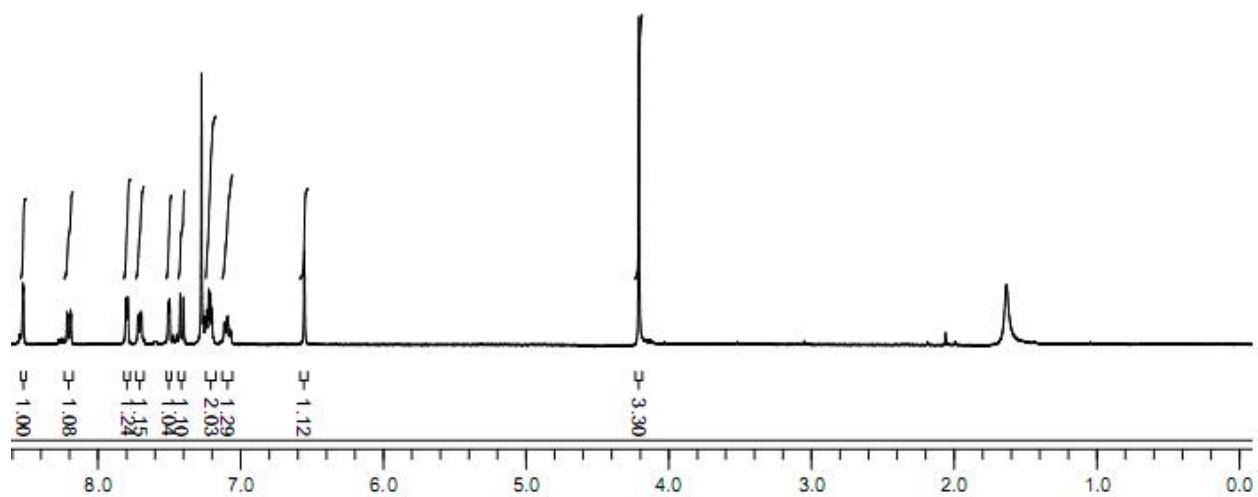
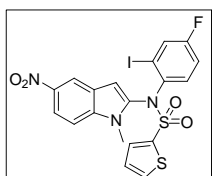




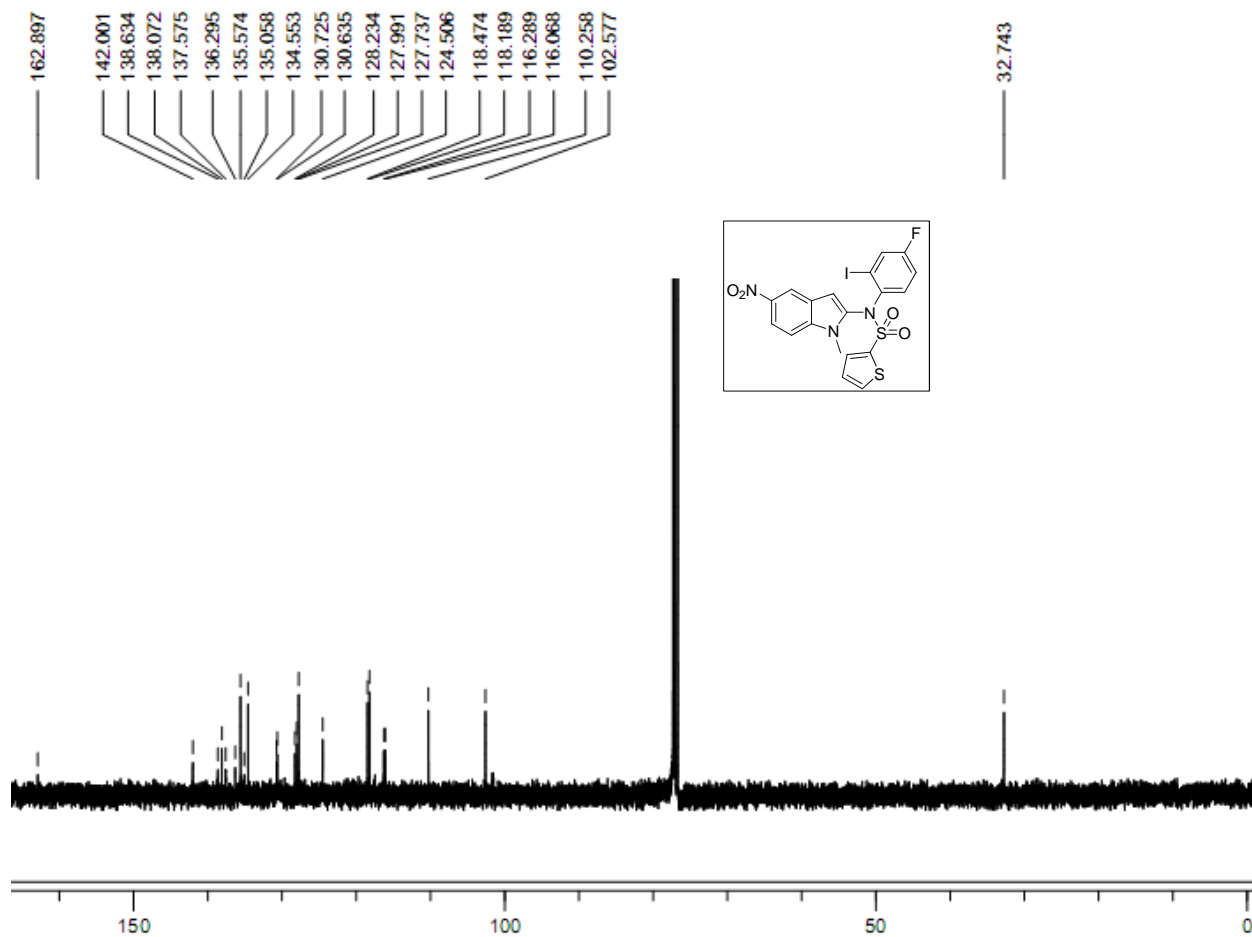


3u ^1H NMR (400 MHz, CDCl_3)

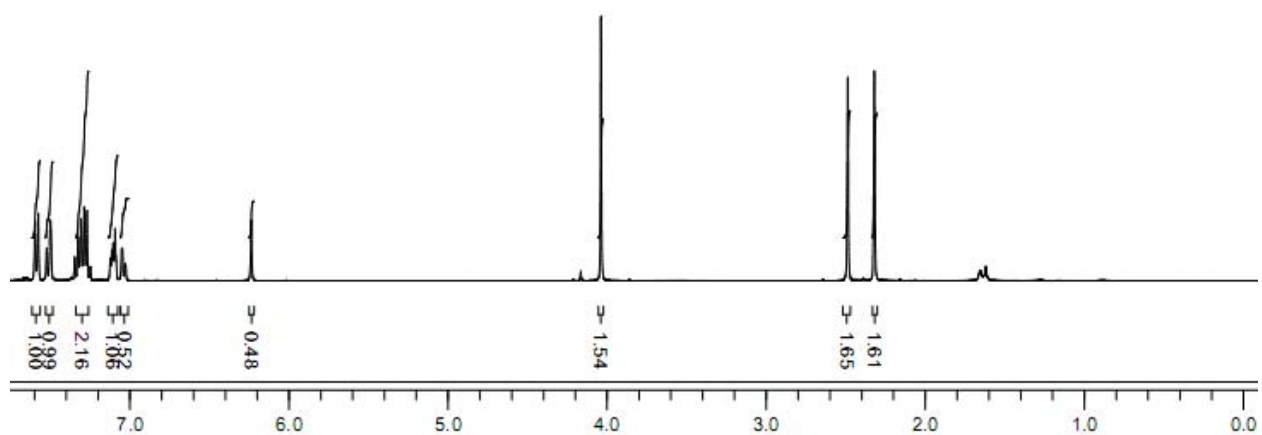
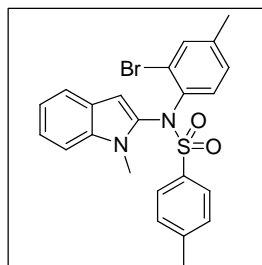




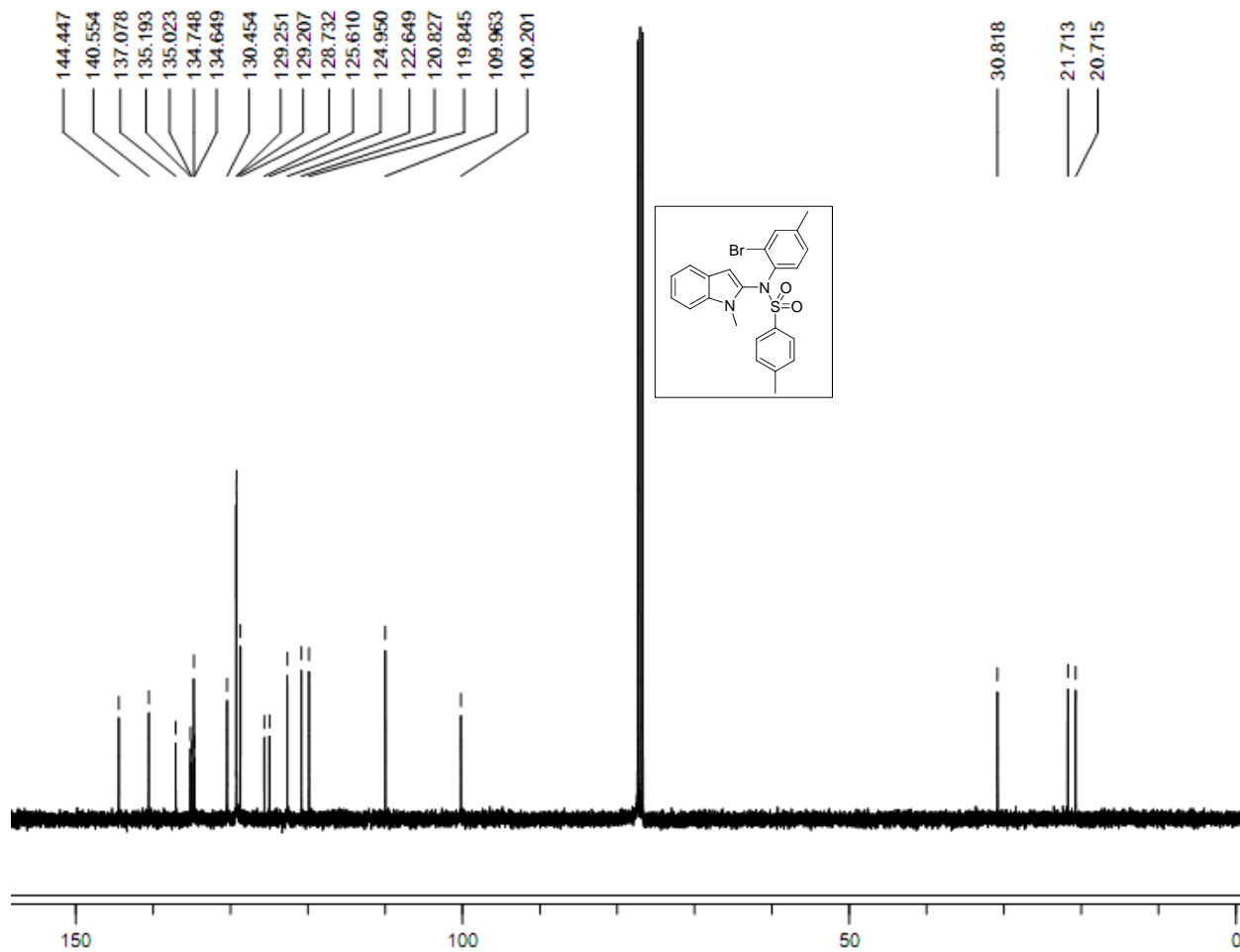
^1H NMR (400 MHz, CDCl_3)



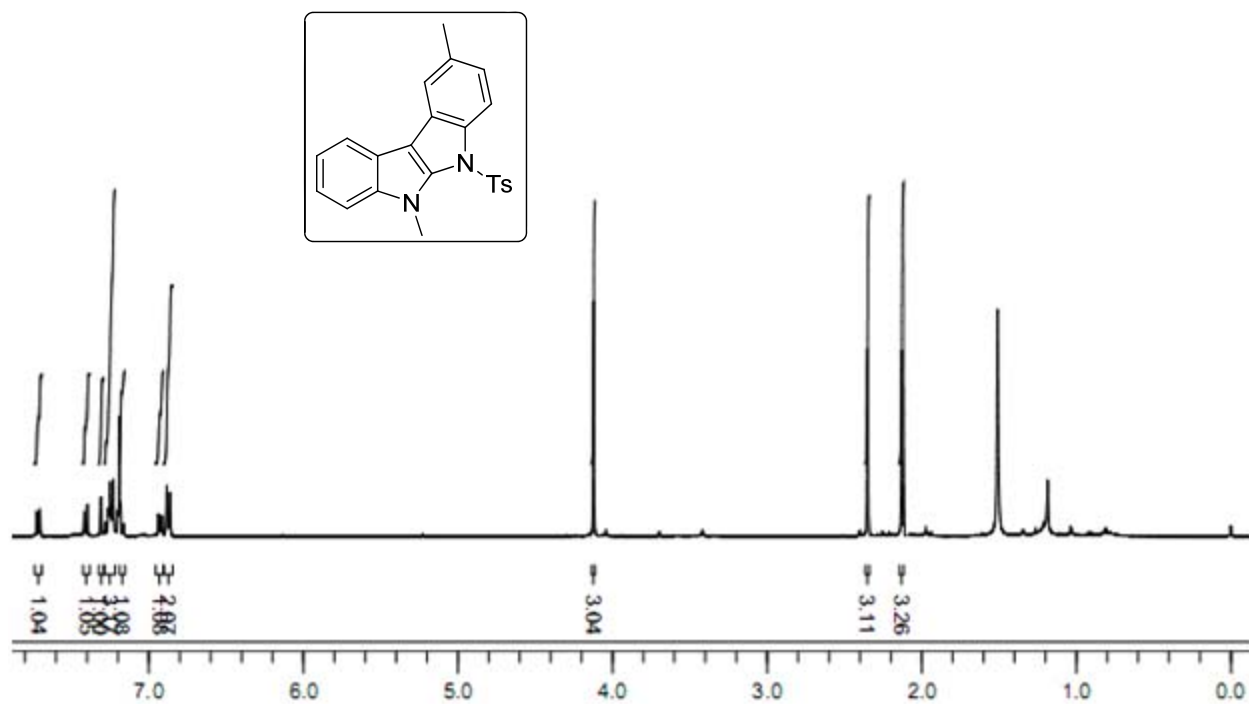
3v ^{13}C NMR (100 MHz, CDCl_3)



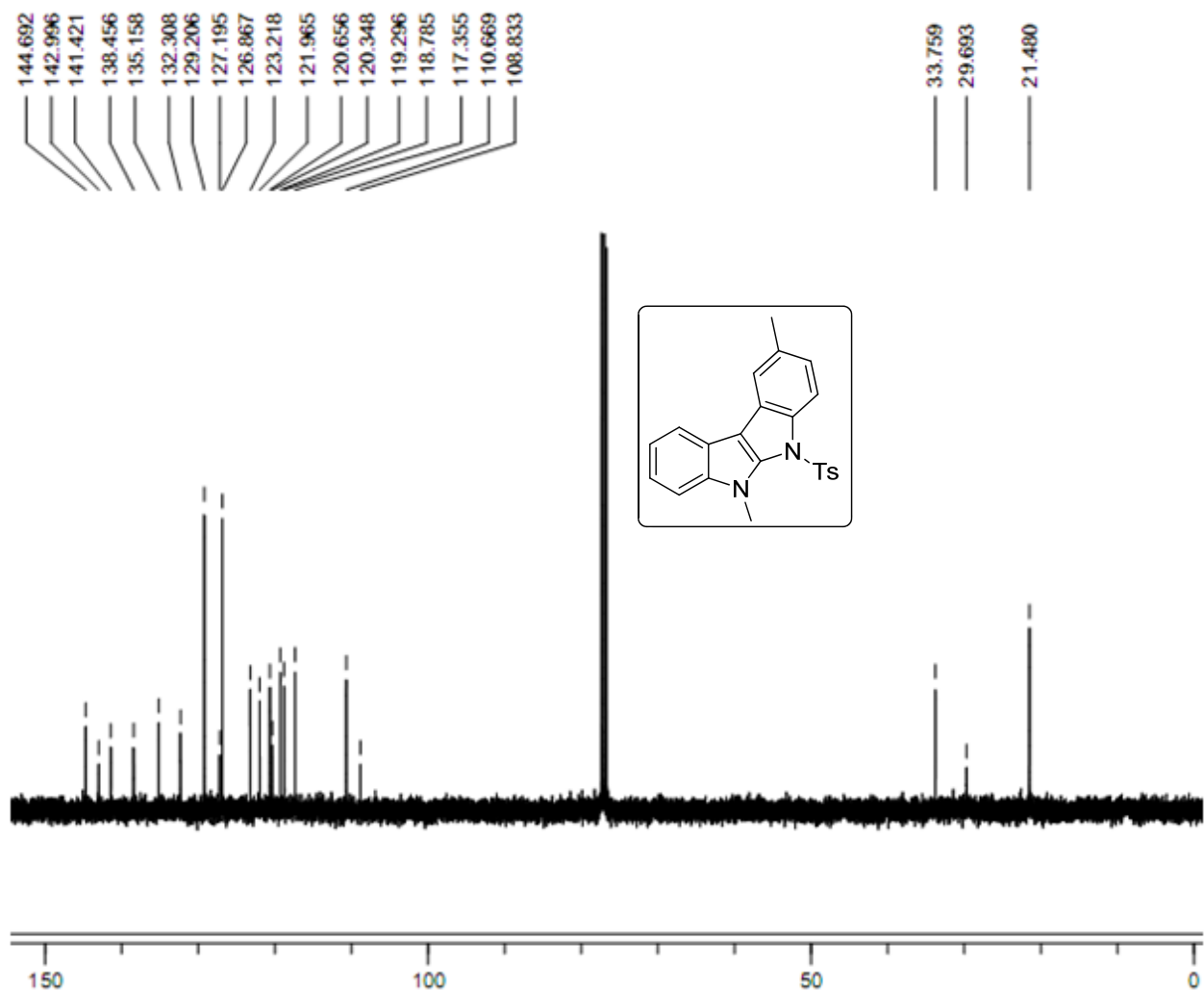
3w ^1H NMR (400 MHz, CDCl_3)



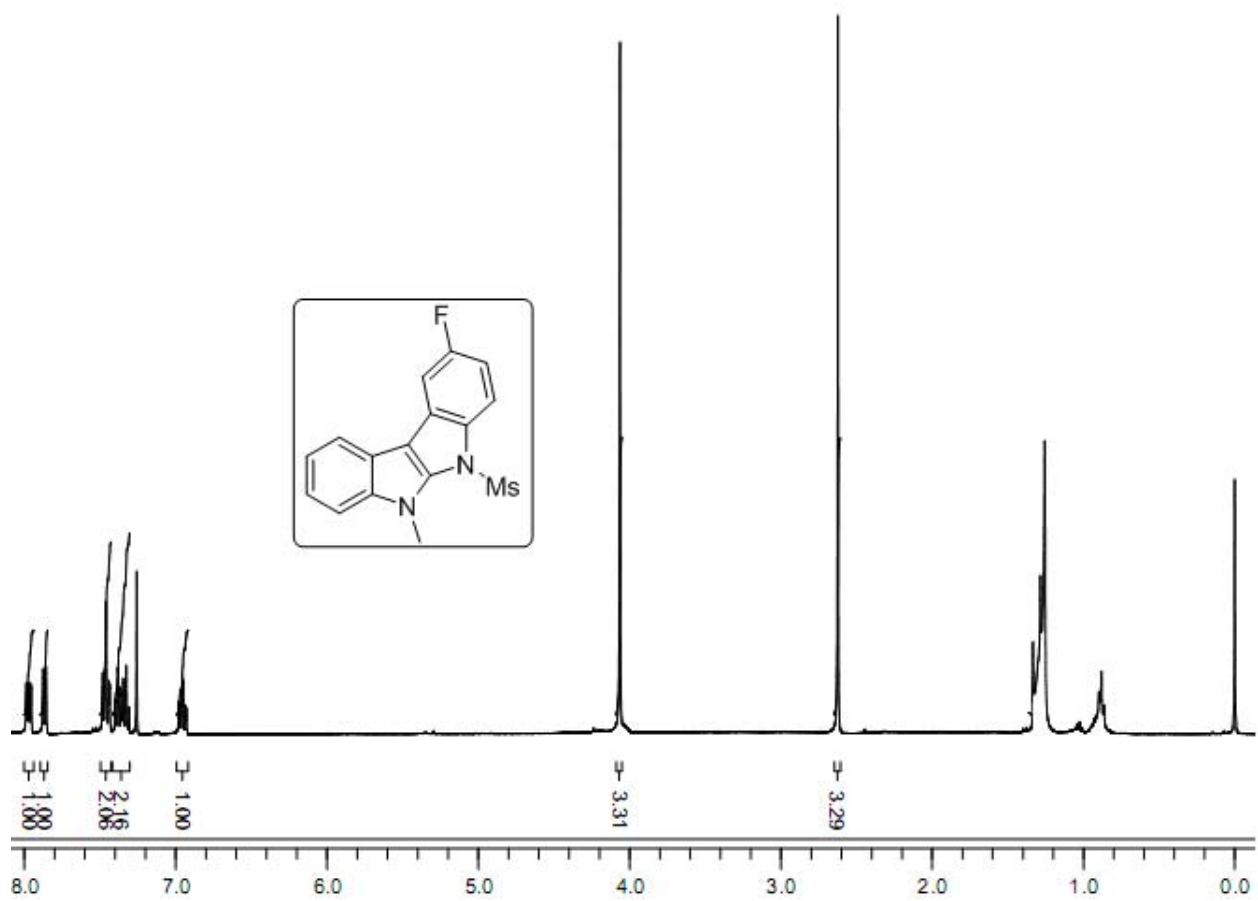
3w ^{13}C NMR (100 MHz, CDCl_3)



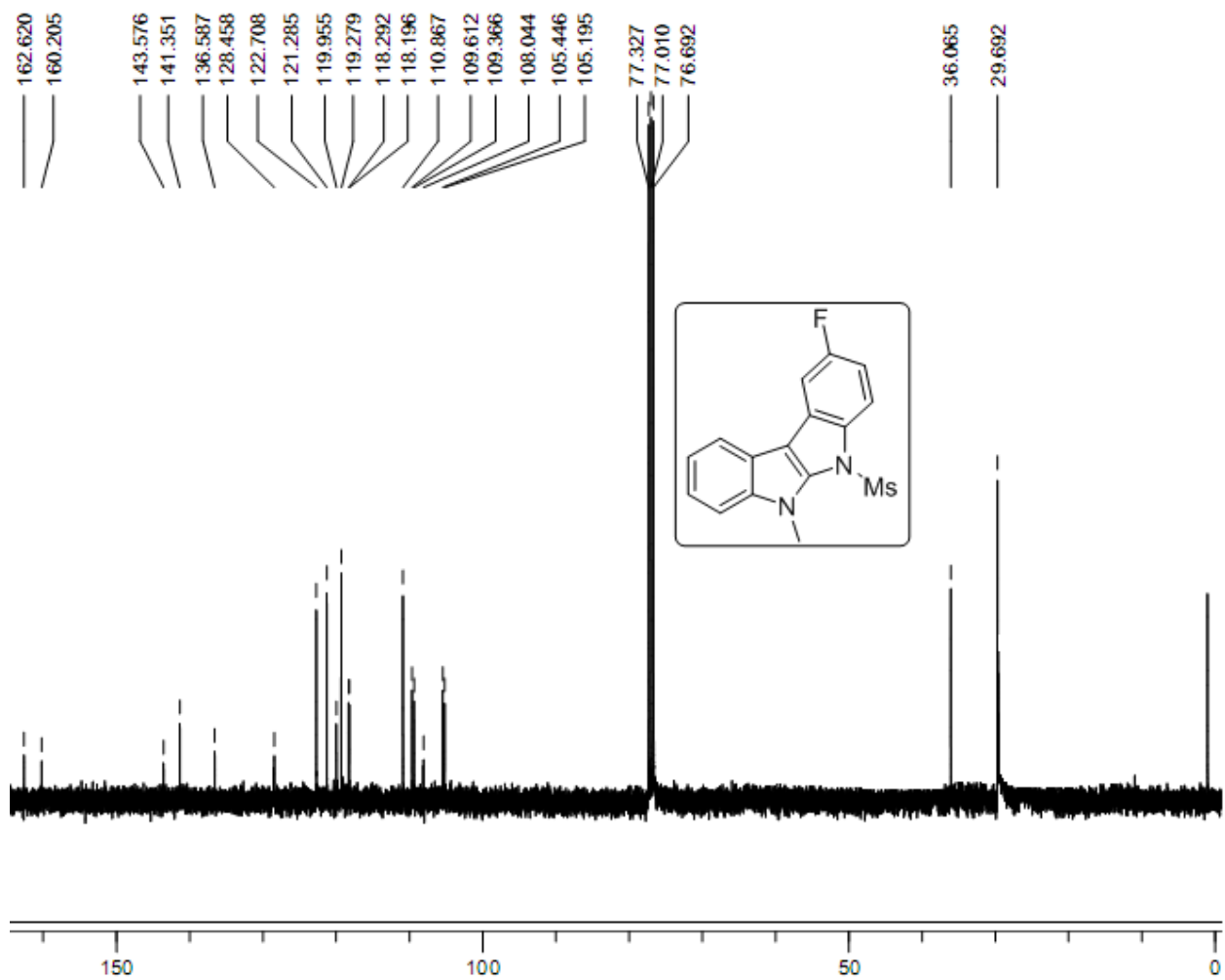
4a ¹H NMR (400 MHz, CDCl₃)



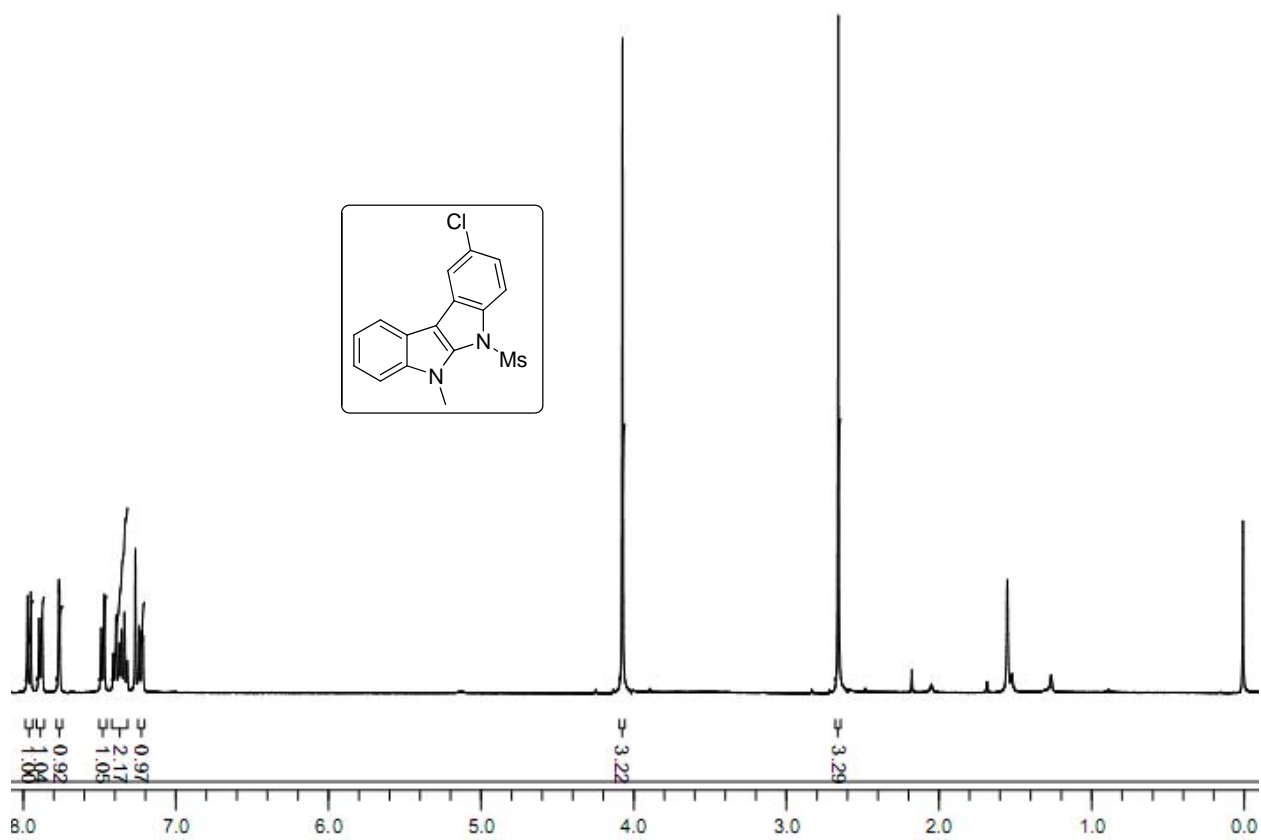
4a ^{13}C NMR (100 MHz, CDCl_3)



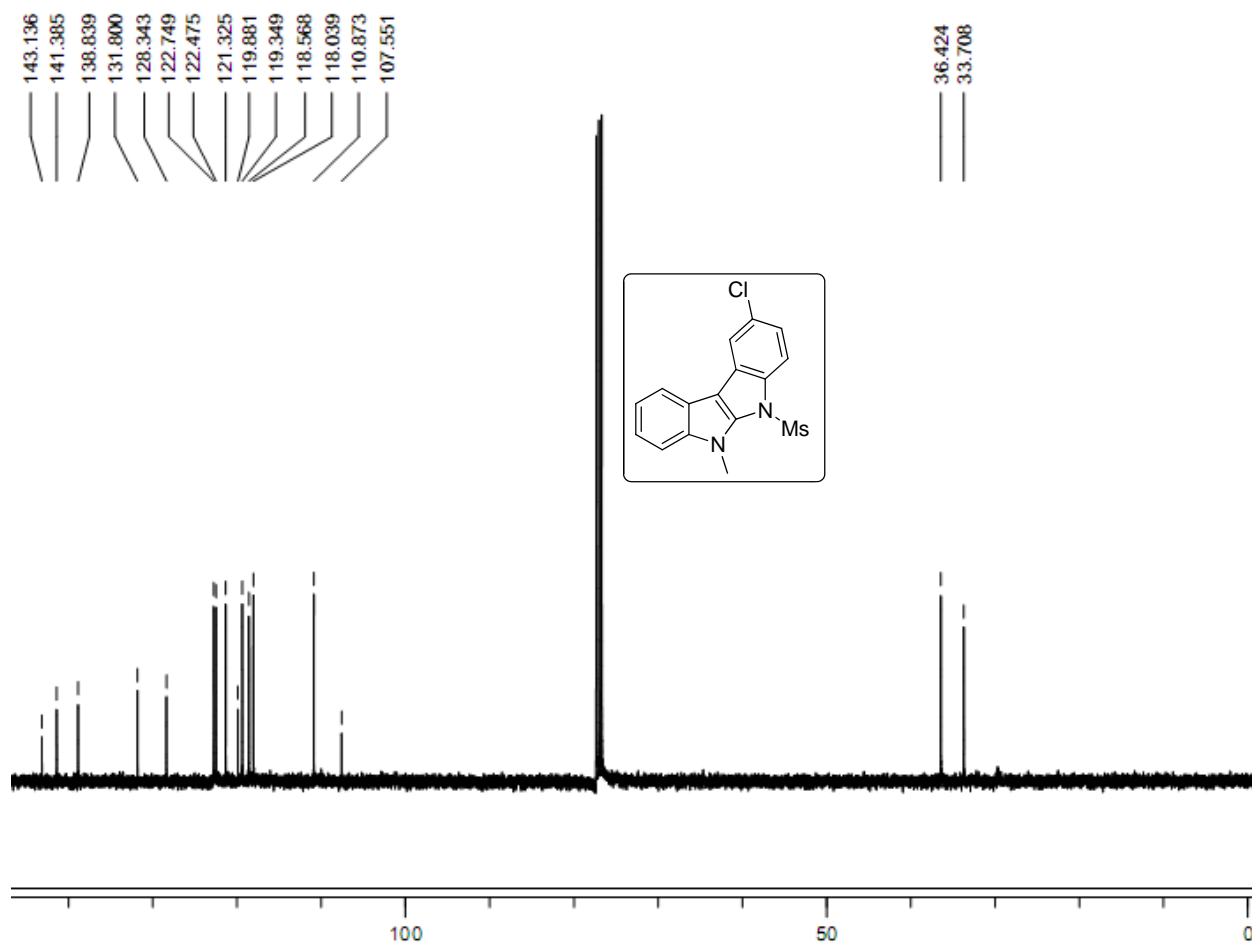
4b ^1H NMR (400 MHz, CDCl_3)



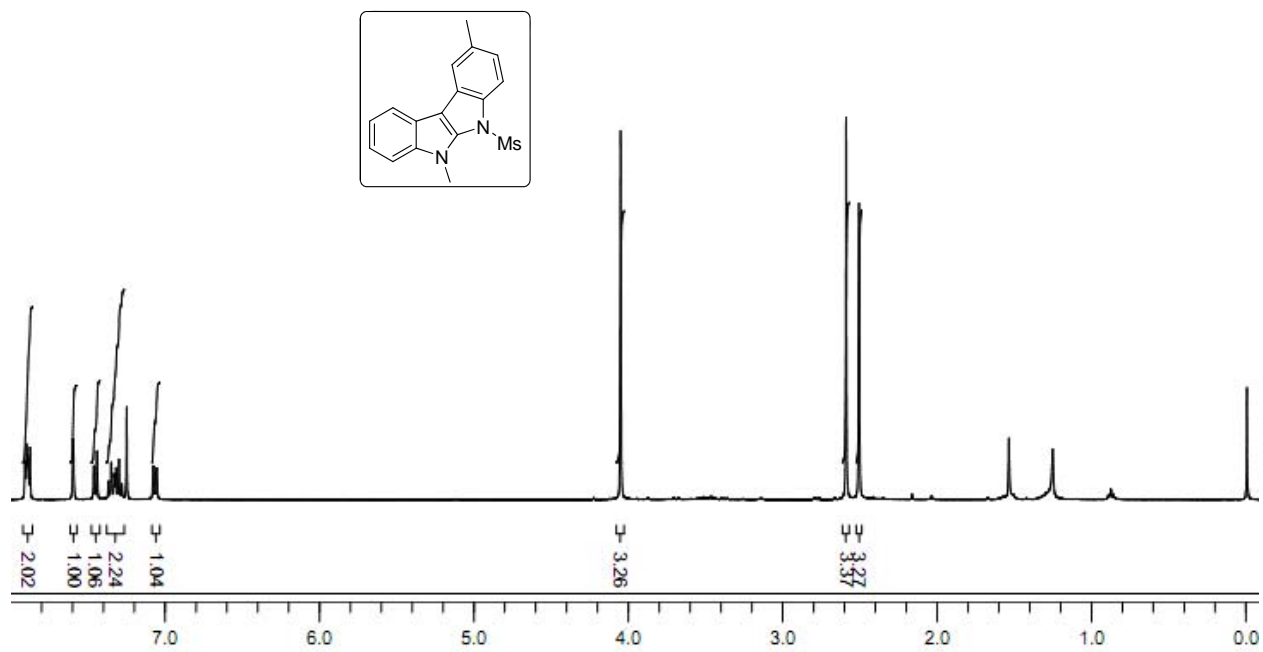
4b ^{13}C NMR (100 MHz, CDCl_3)



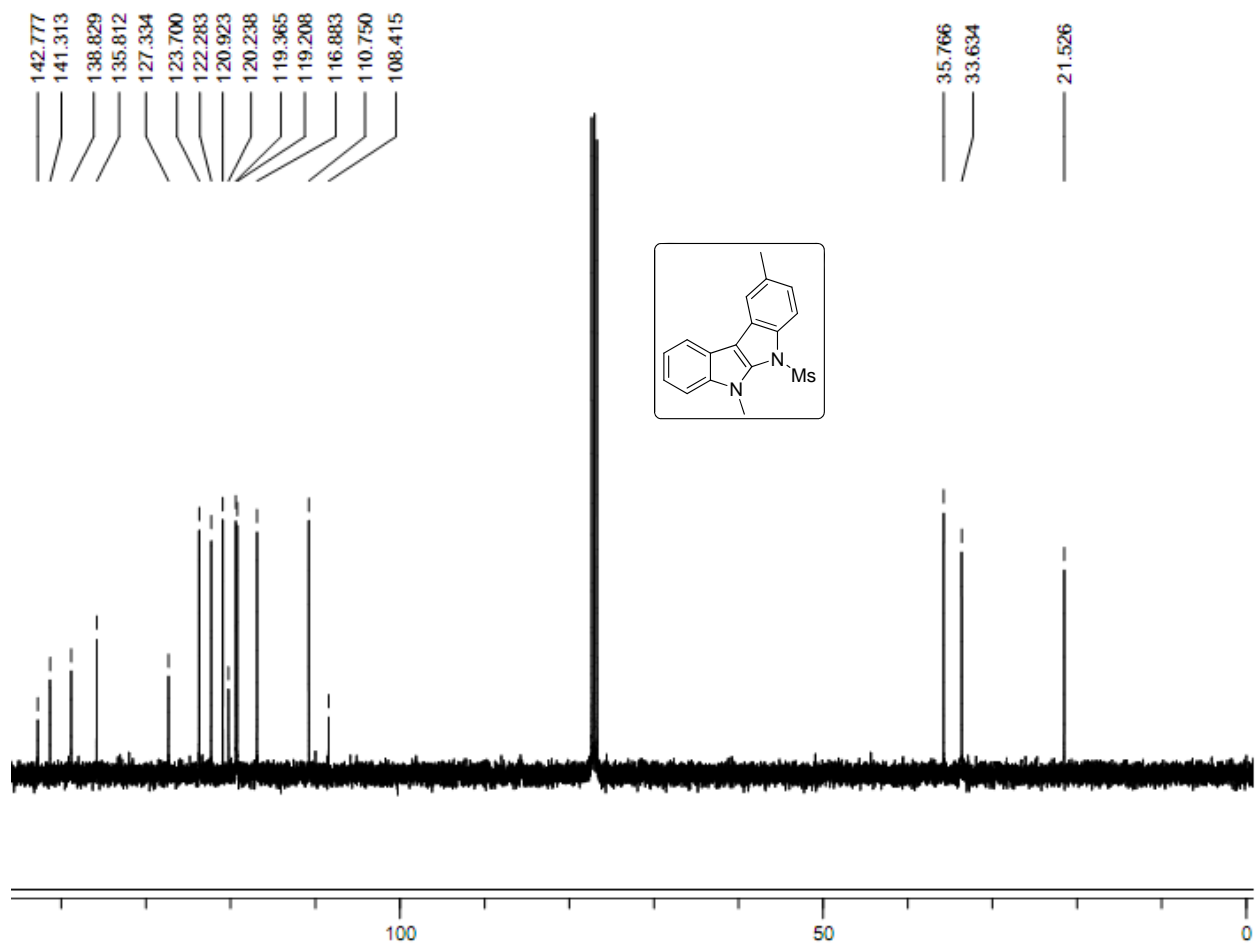
4c ^1H NMR (400 MHz, CDCl_3)



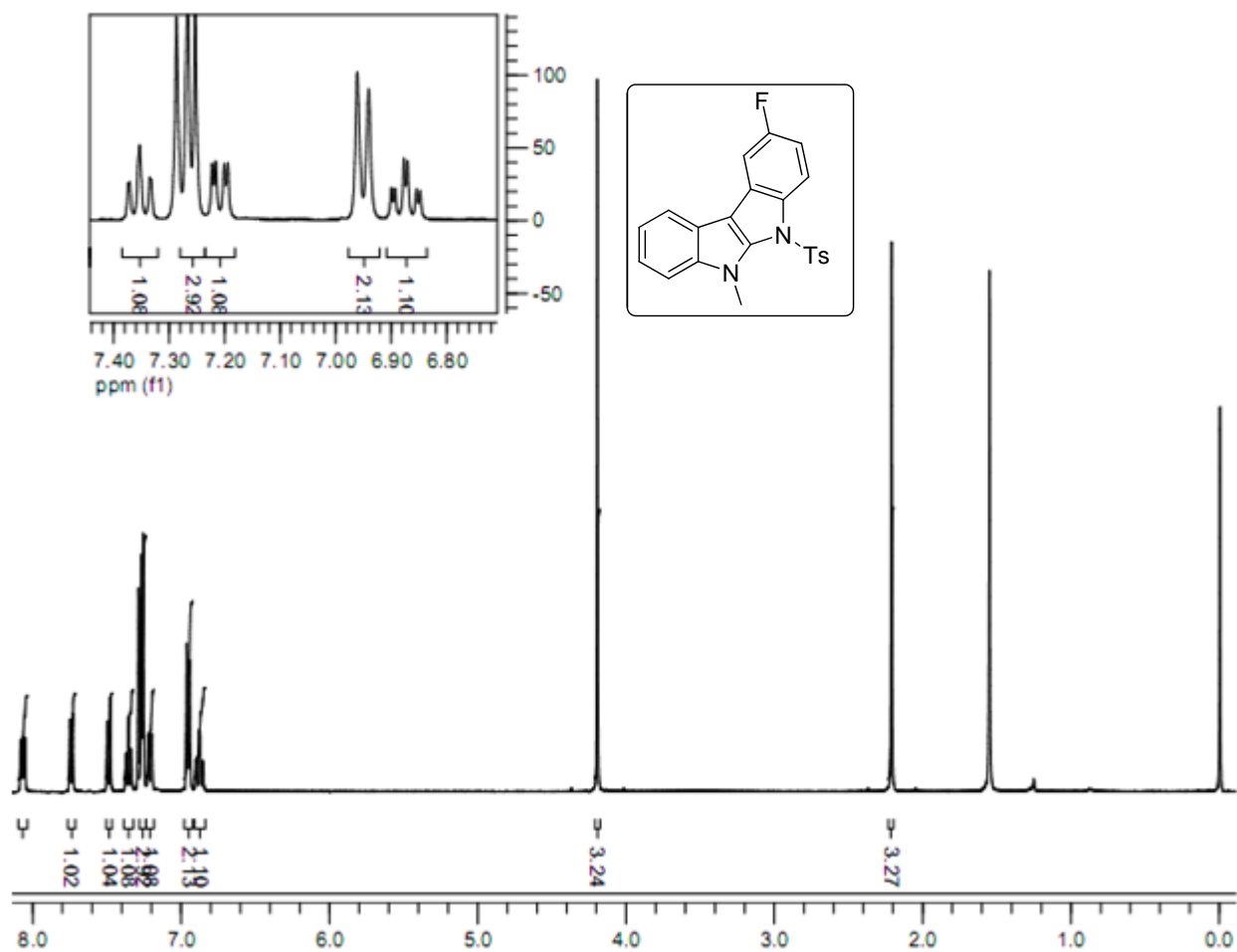
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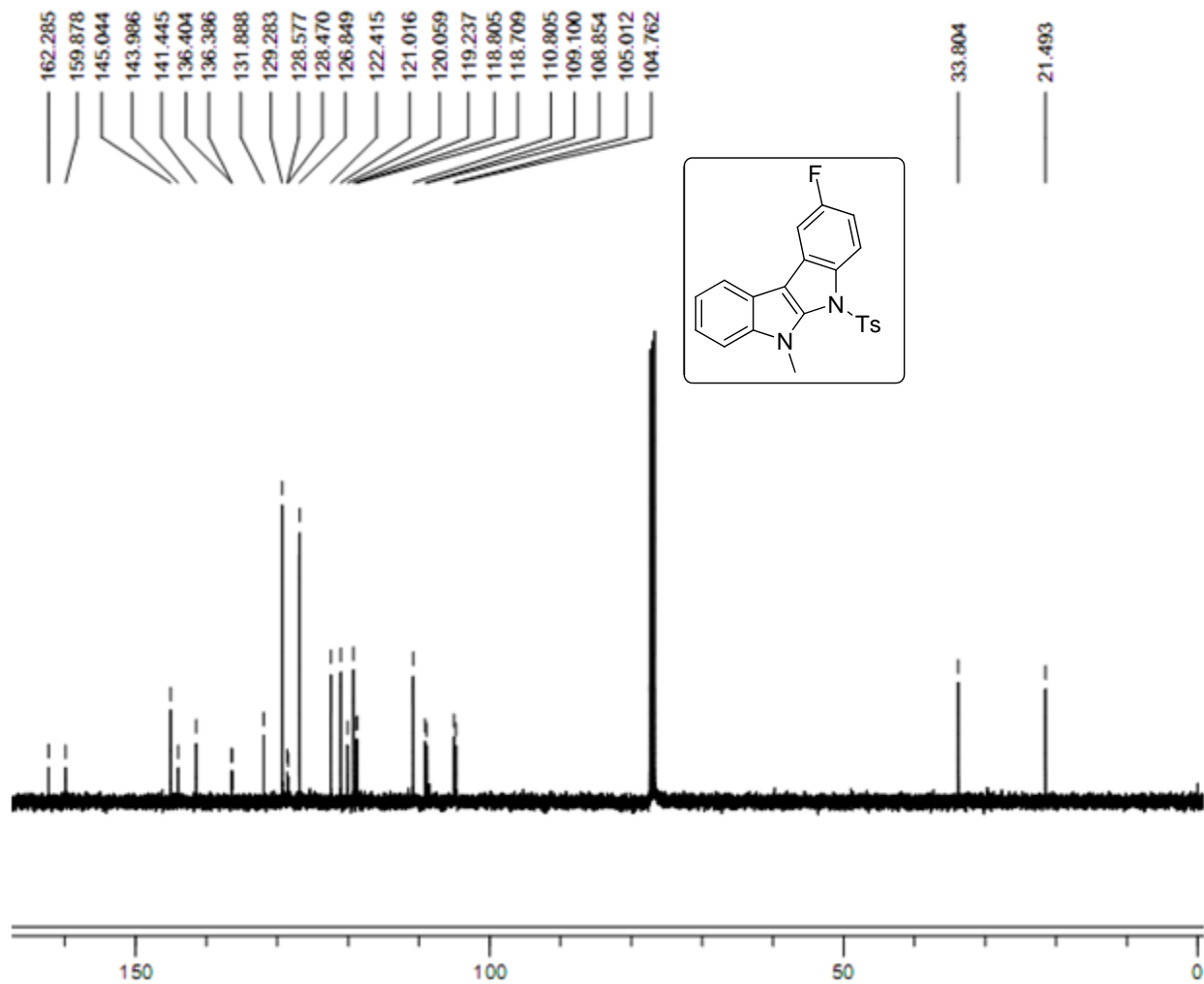
4d ¹H NMR (400 MHz, CDCl₃)



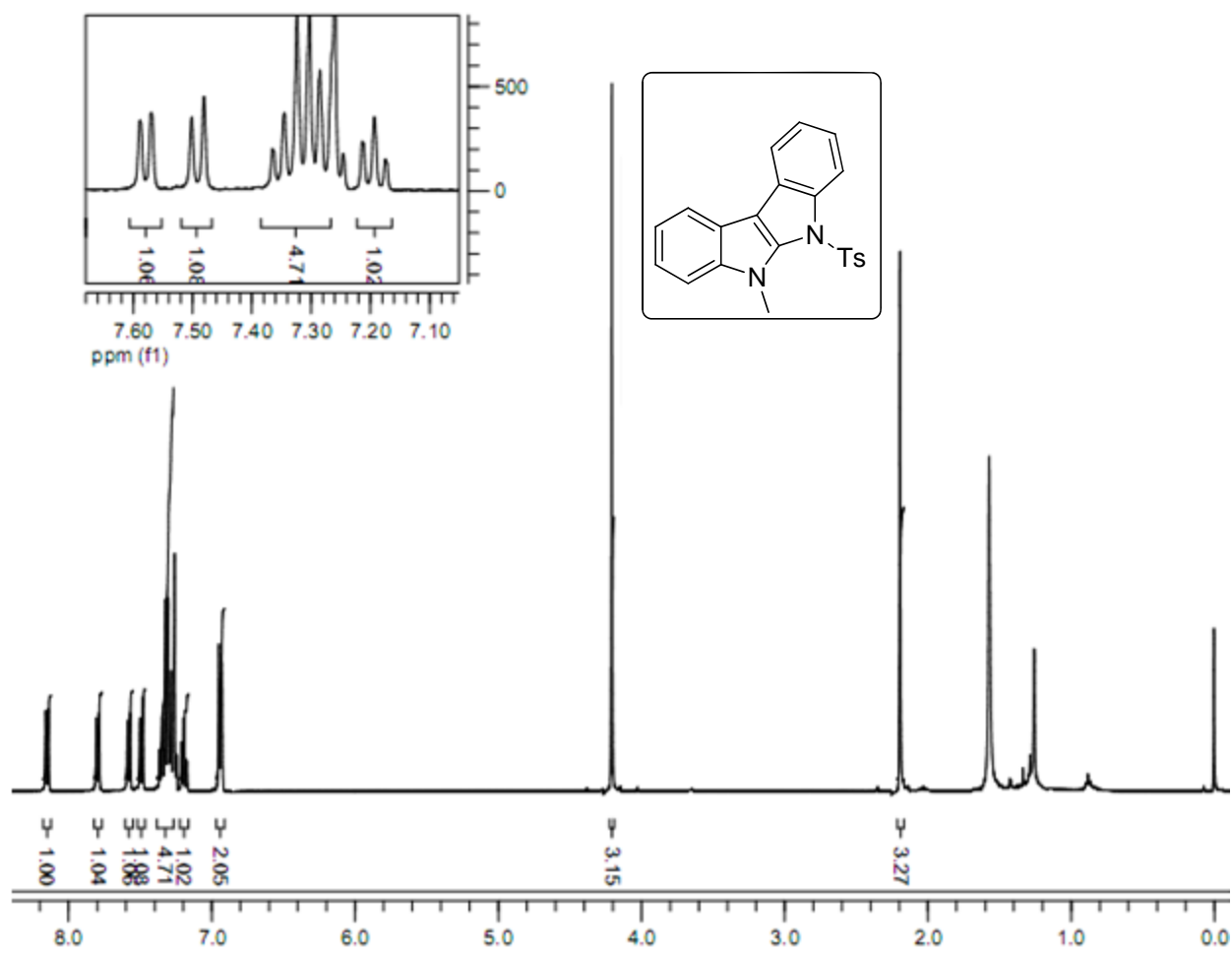
4d ^{13}C NMR (100 MHz, CDCl_3)



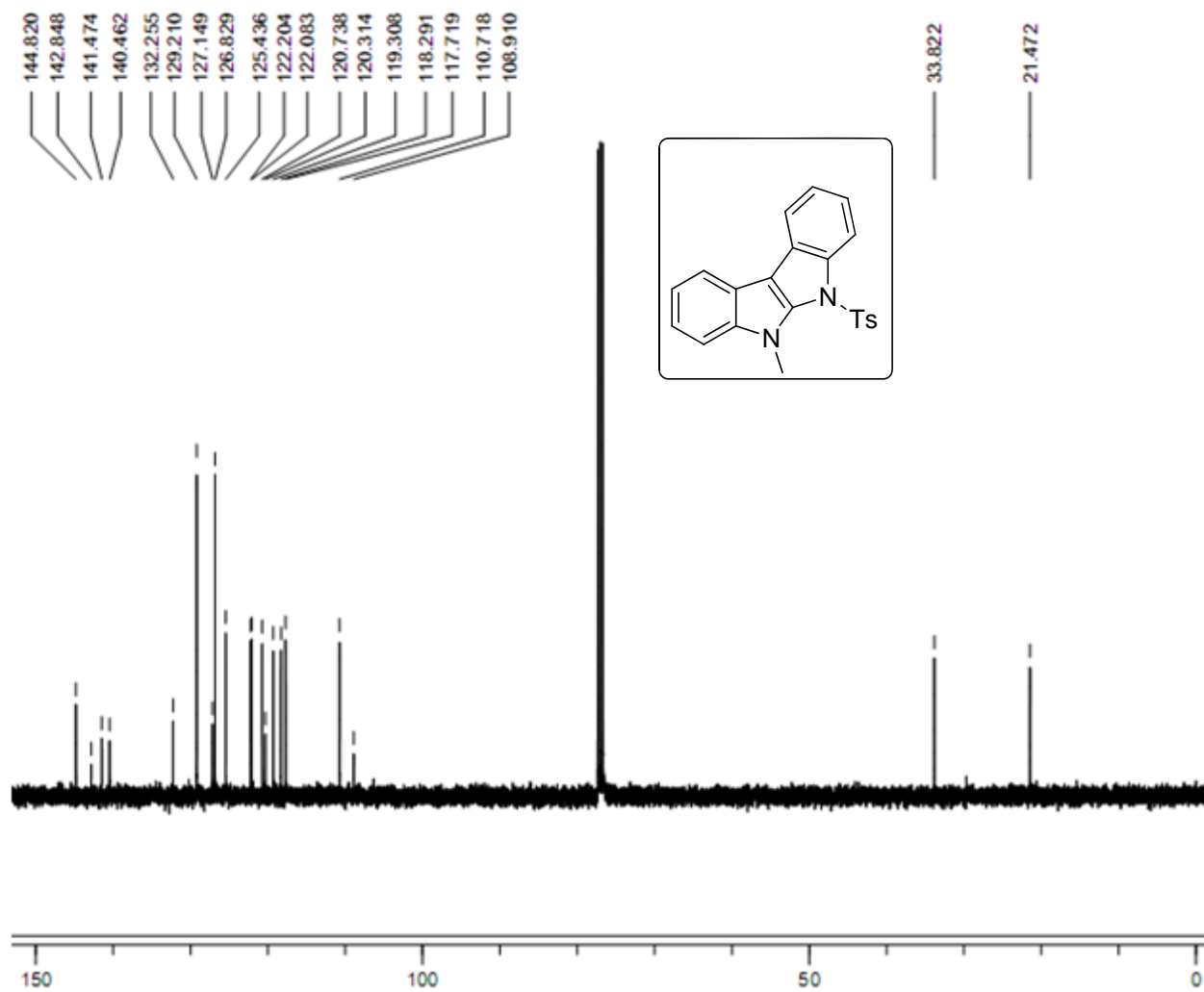
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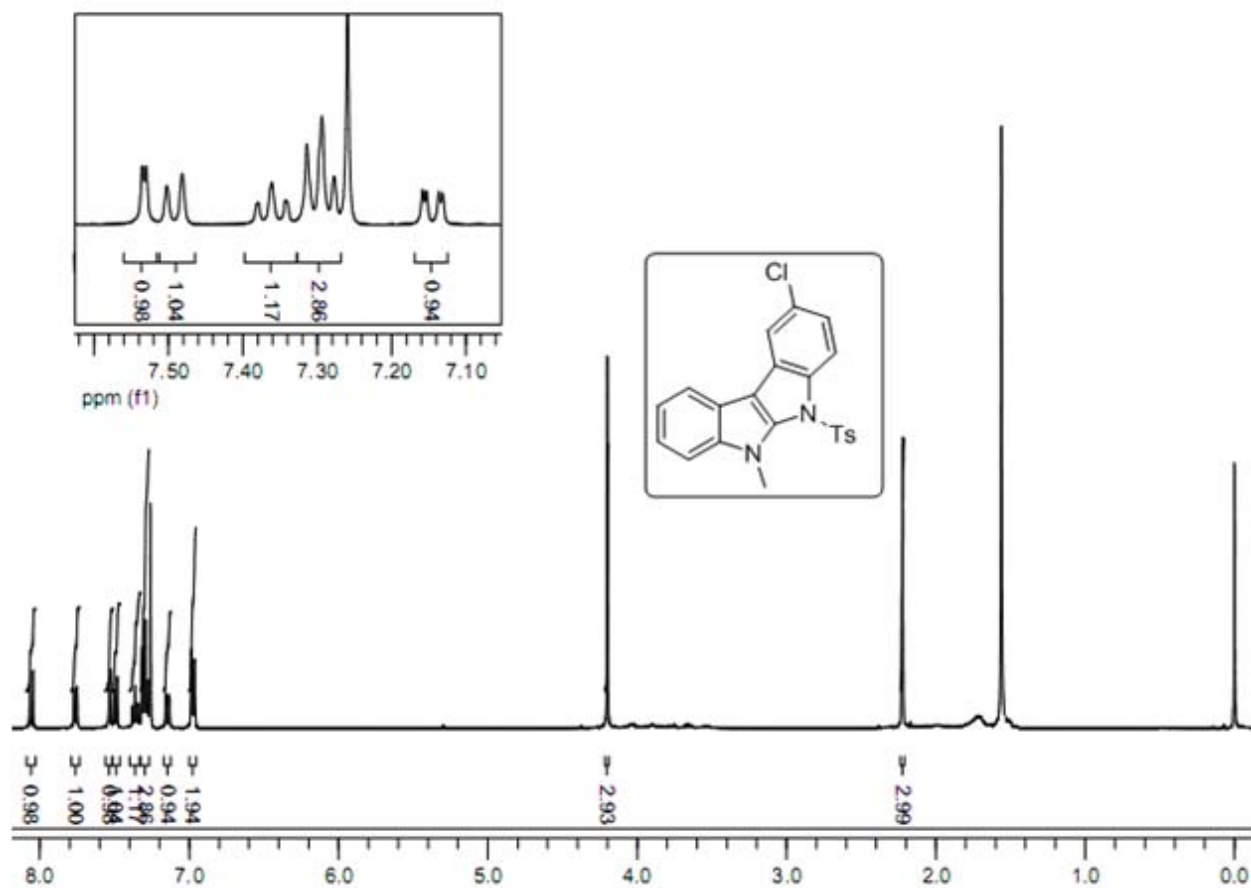
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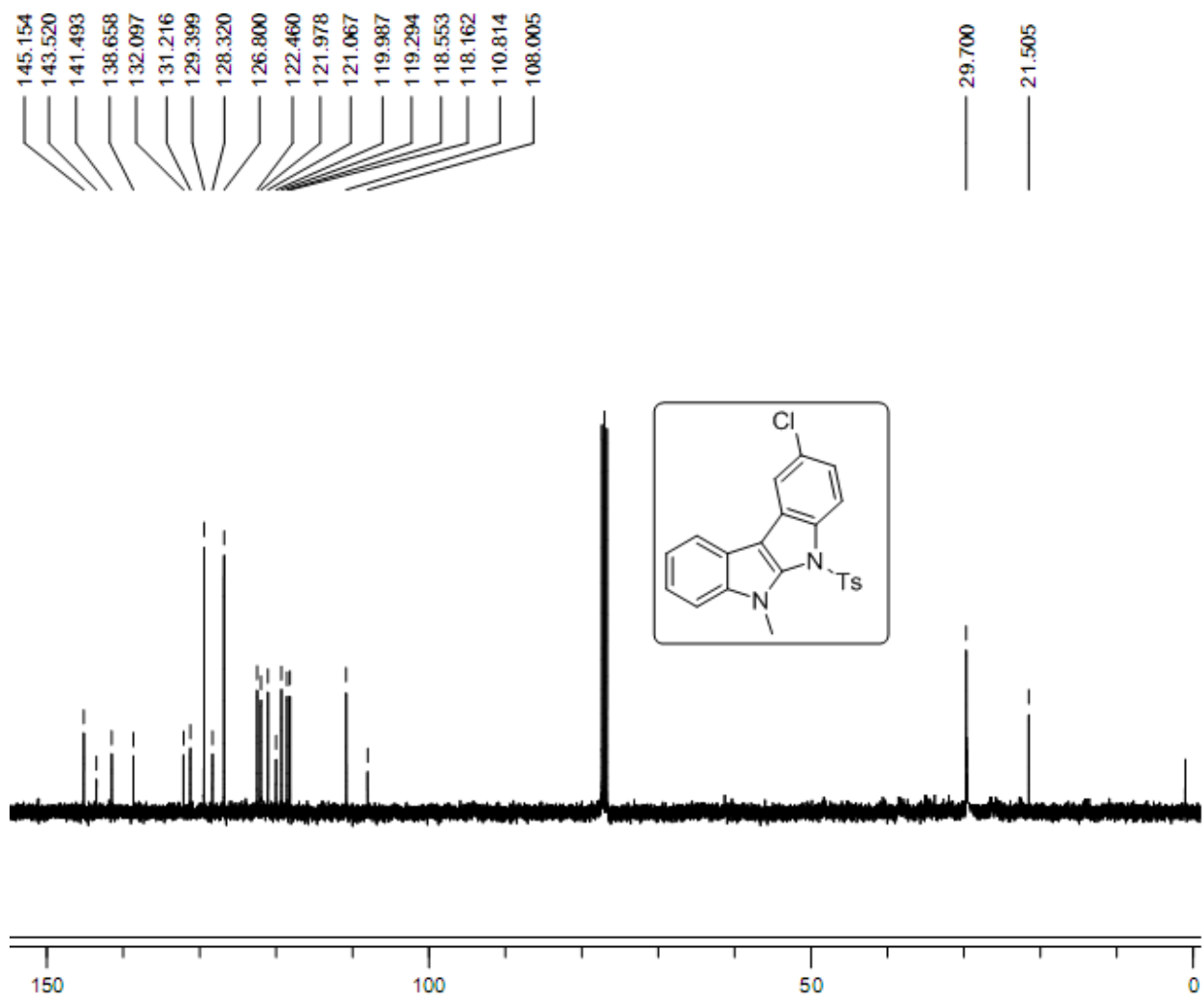
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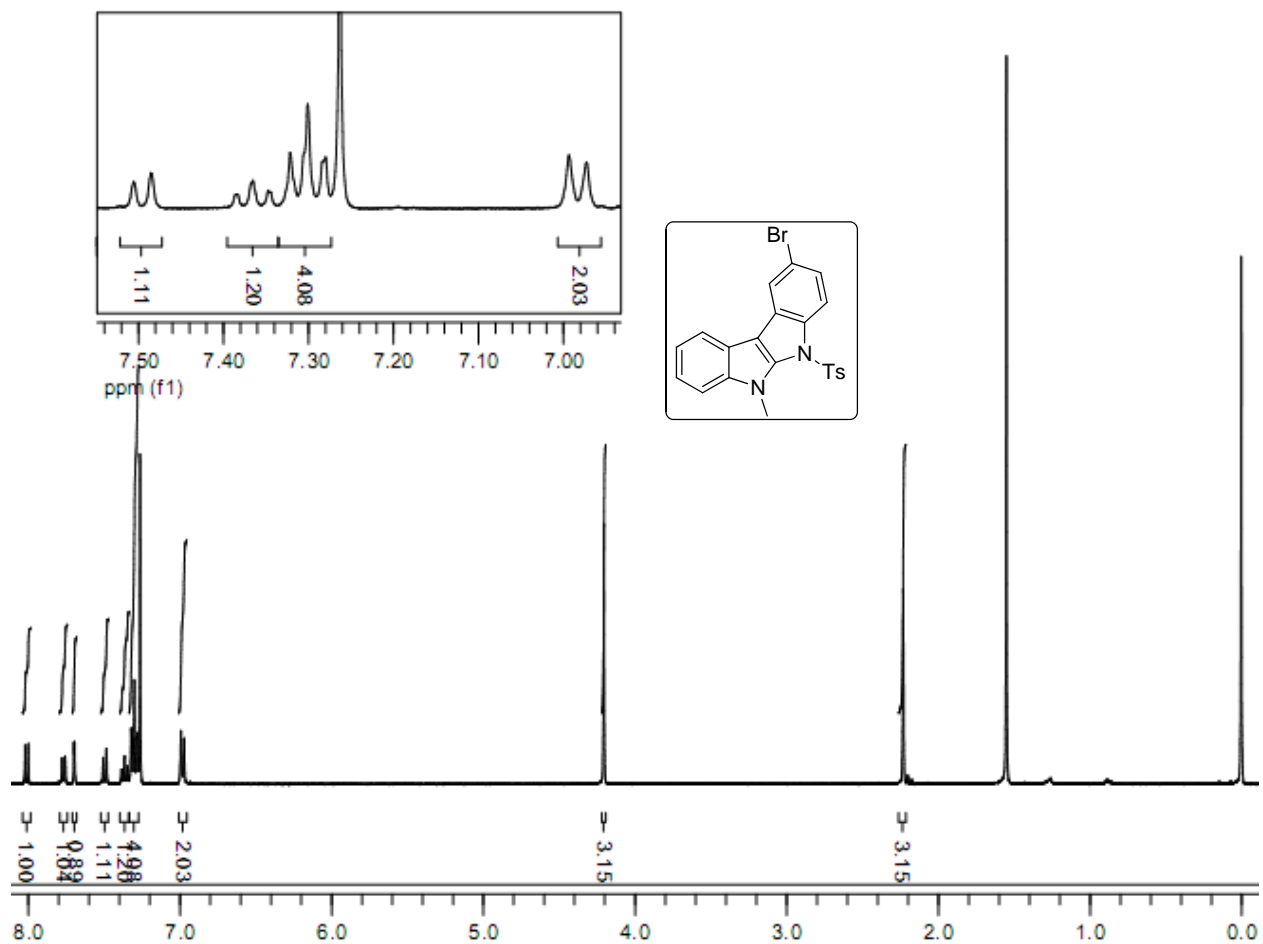
4f ^{13}C NMR (100 MHz, CDCl_3)

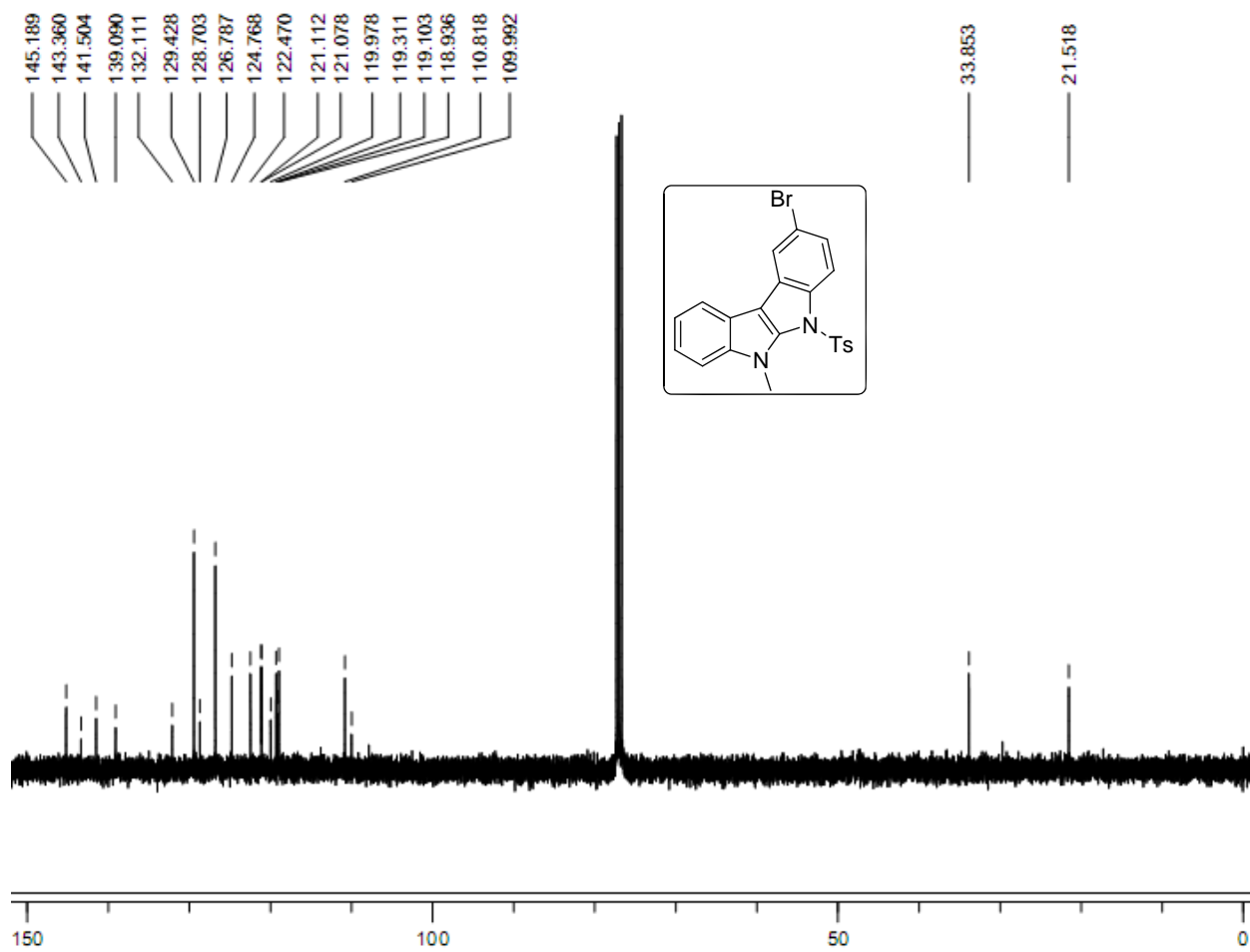


4g ^1H NMR (400 MHz, CDCl_3)

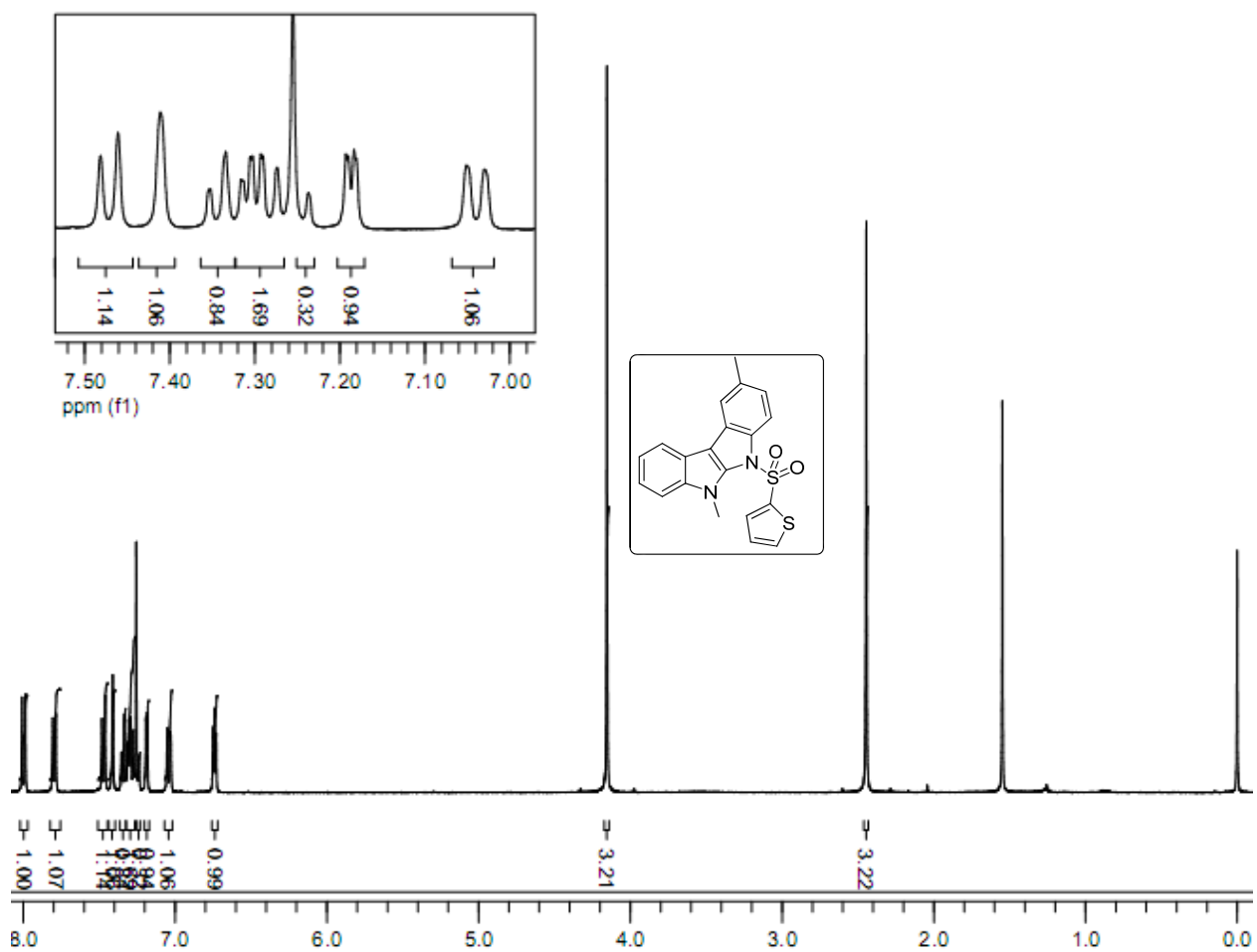


4g ^{13}C NMR (100 MHz, CDCl_3)

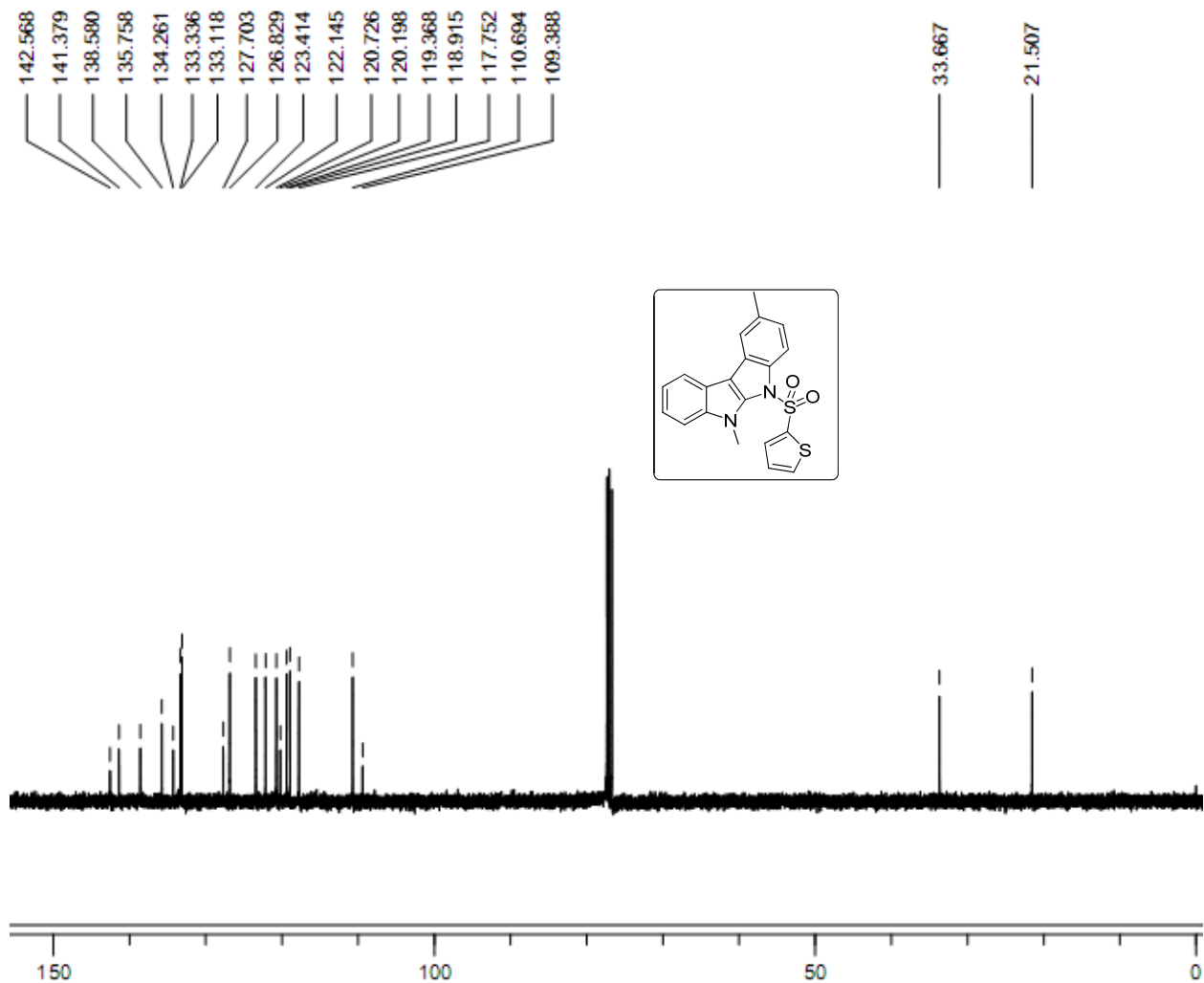




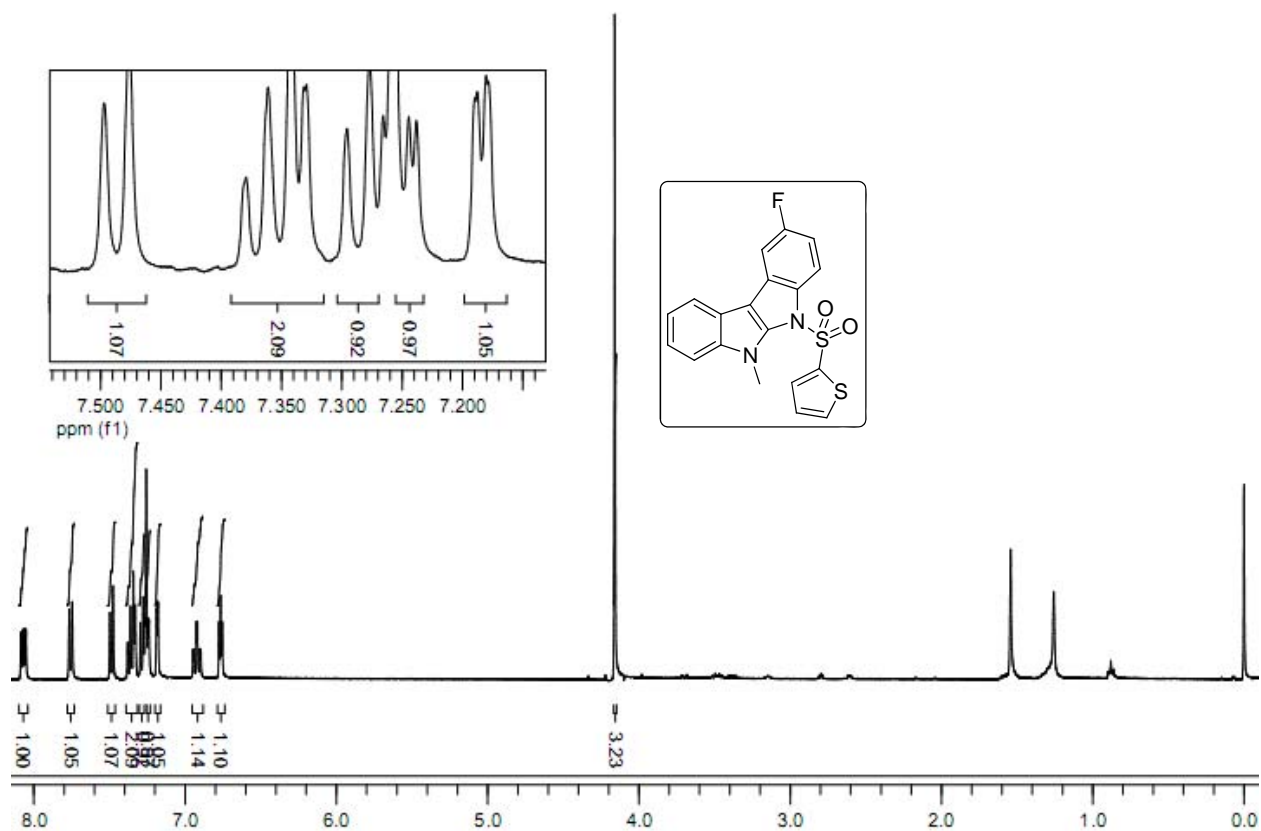
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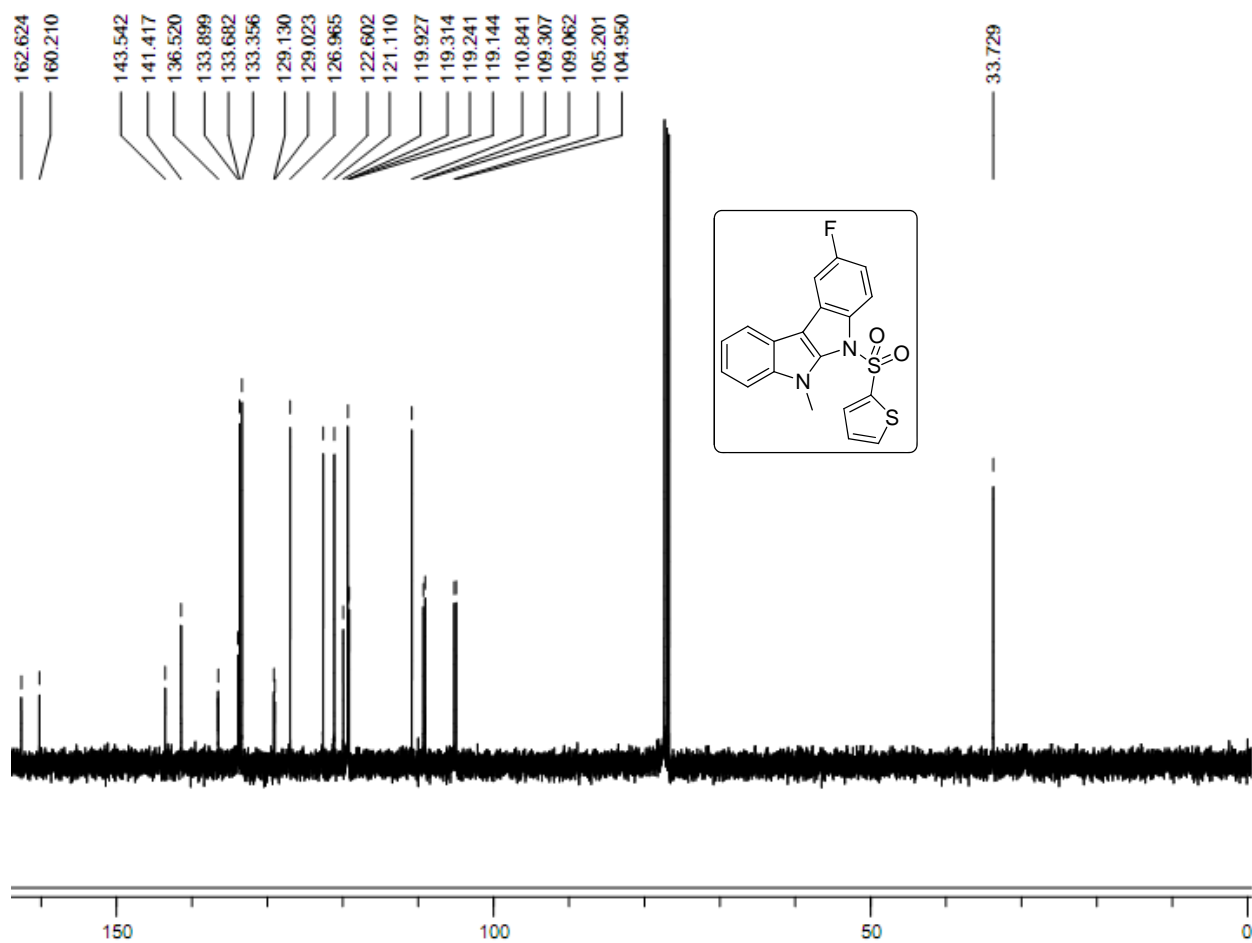
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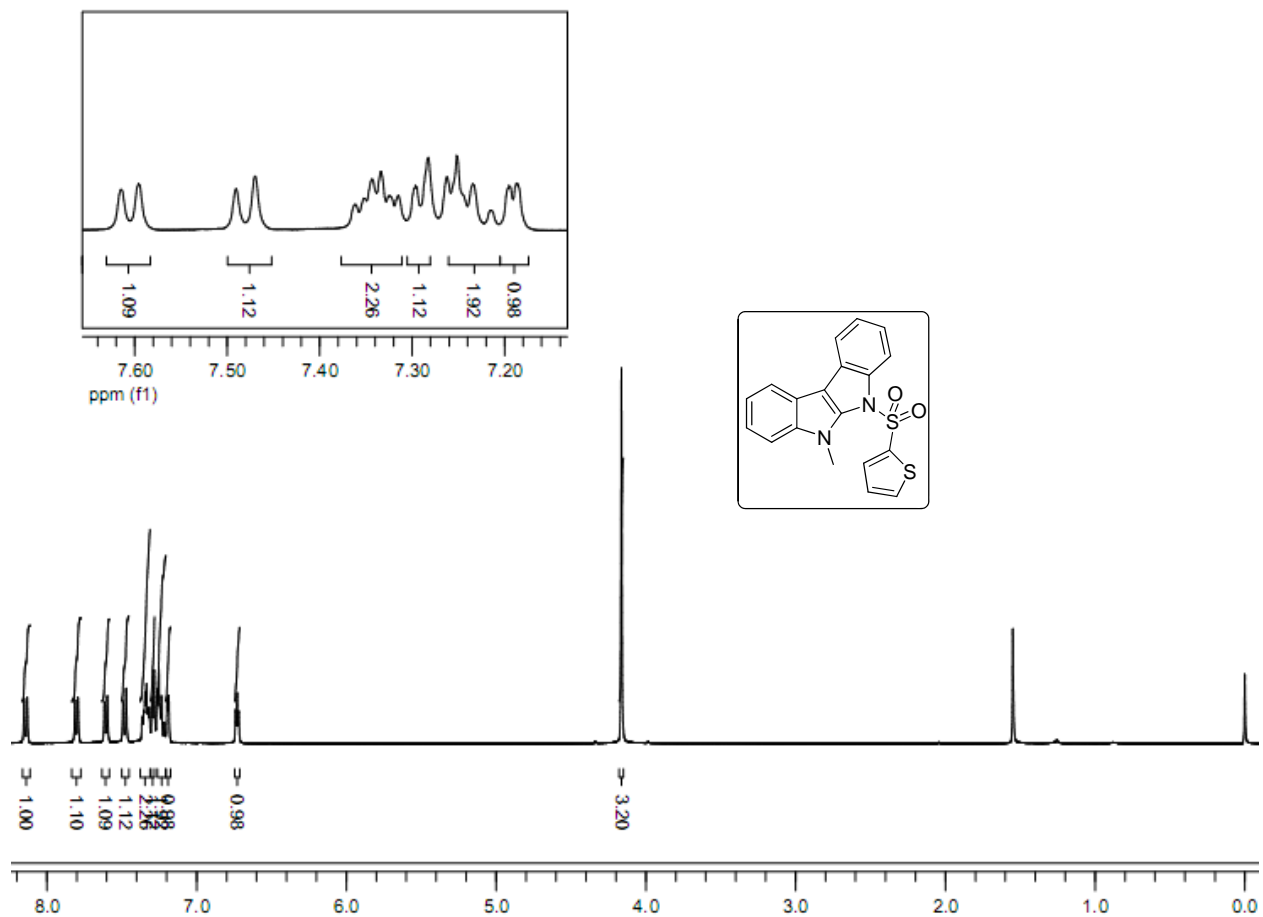
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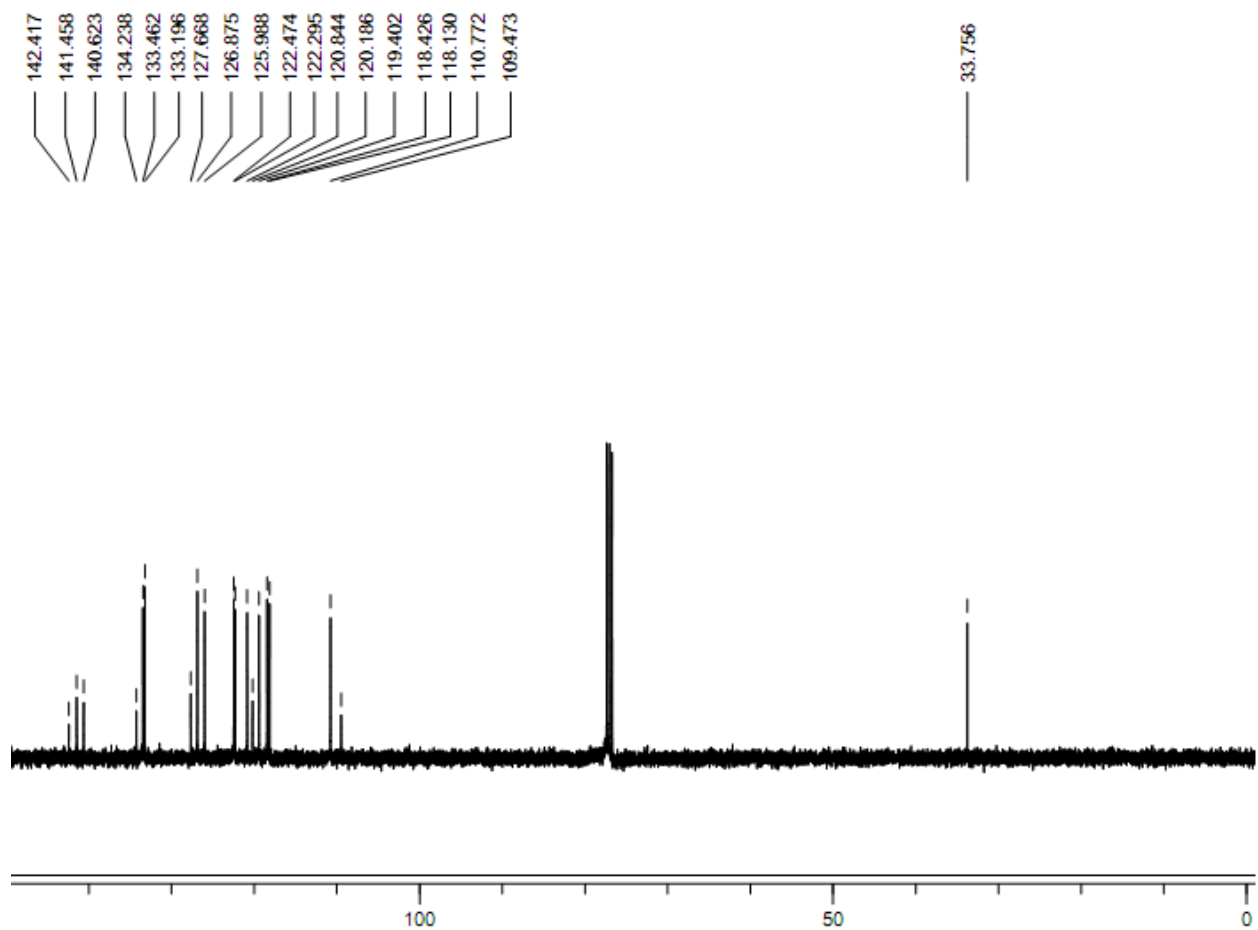
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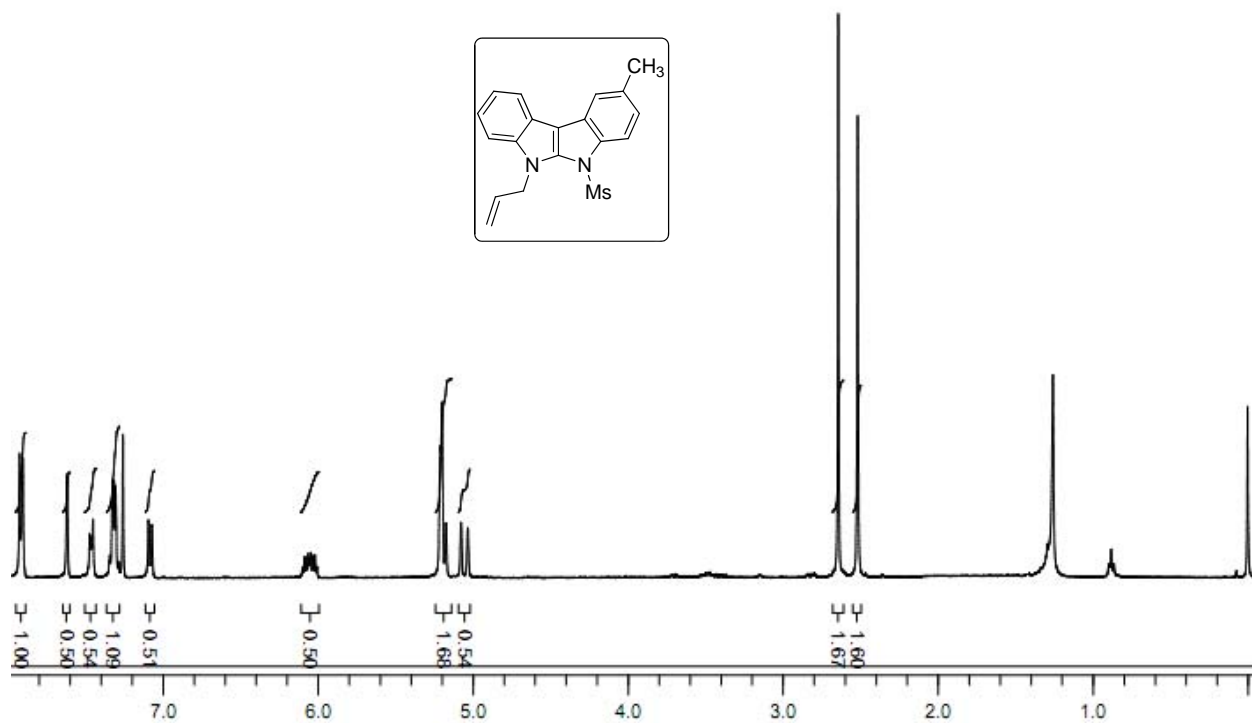
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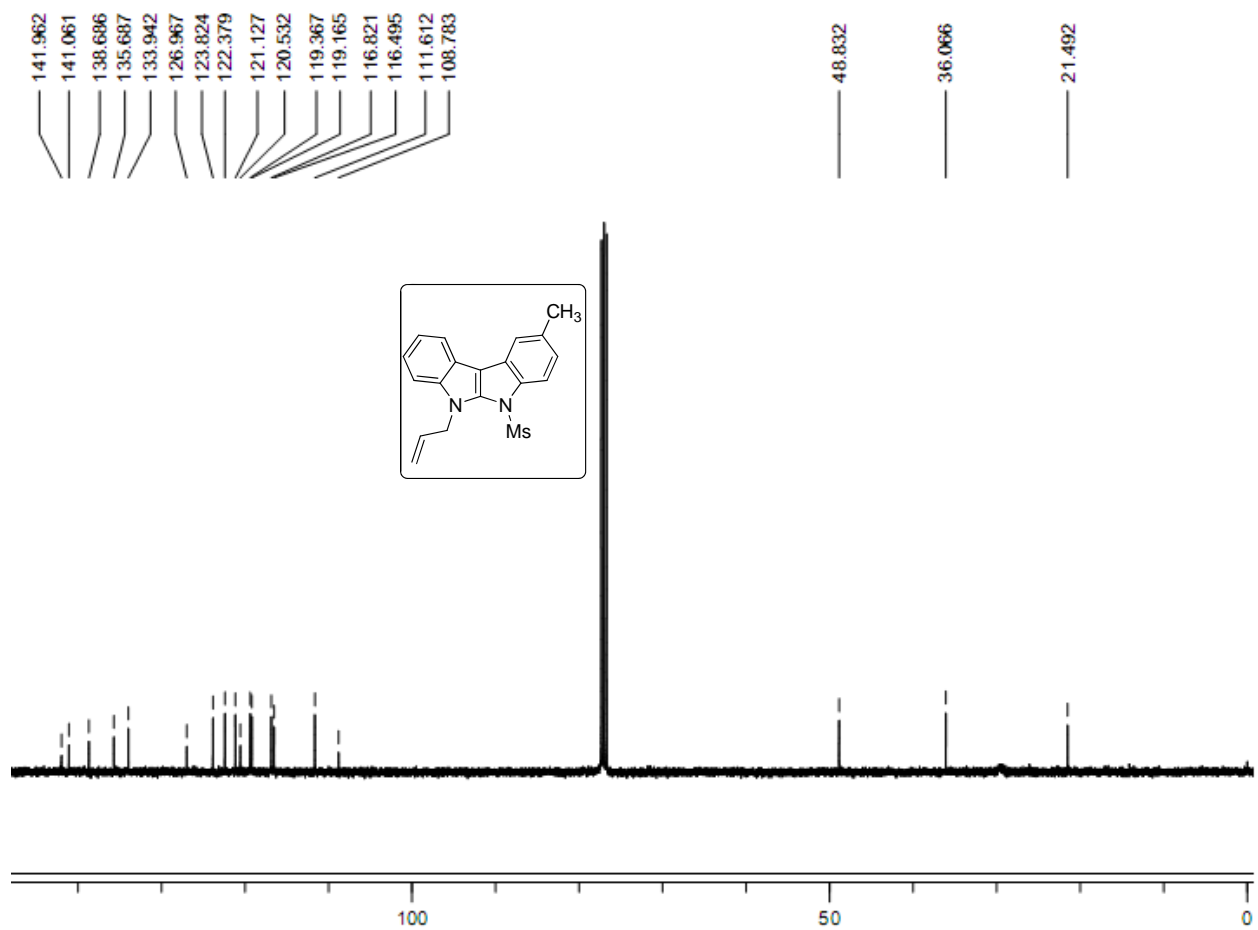
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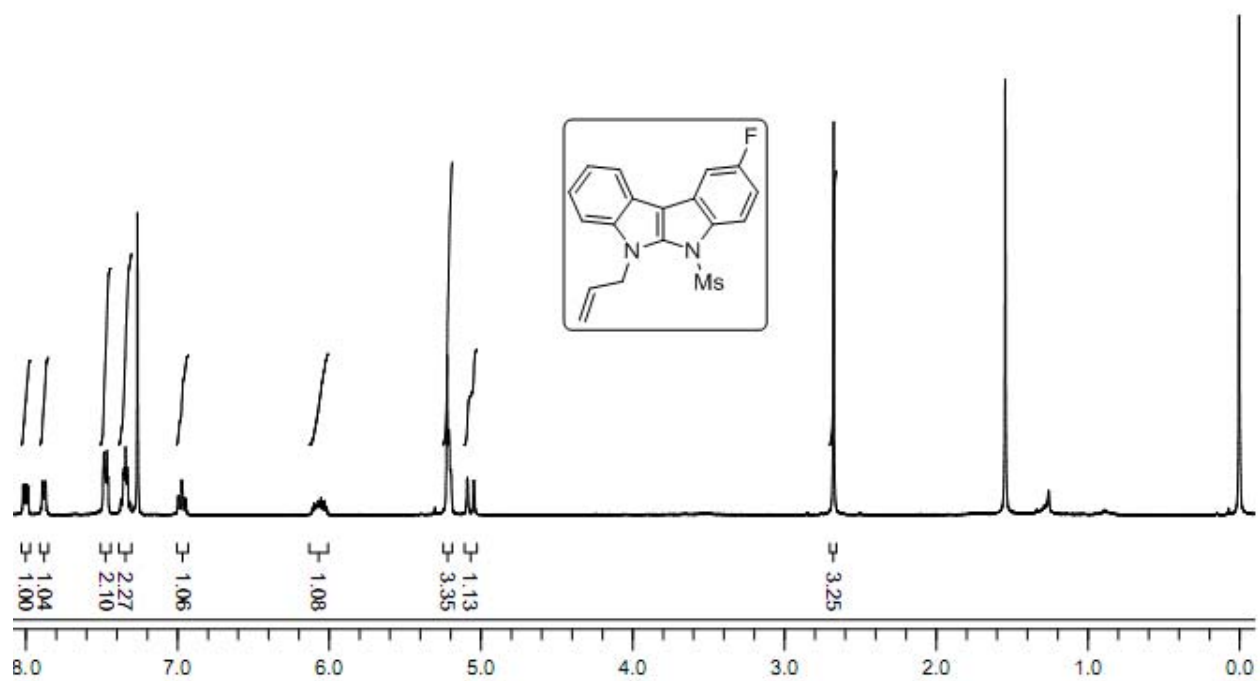
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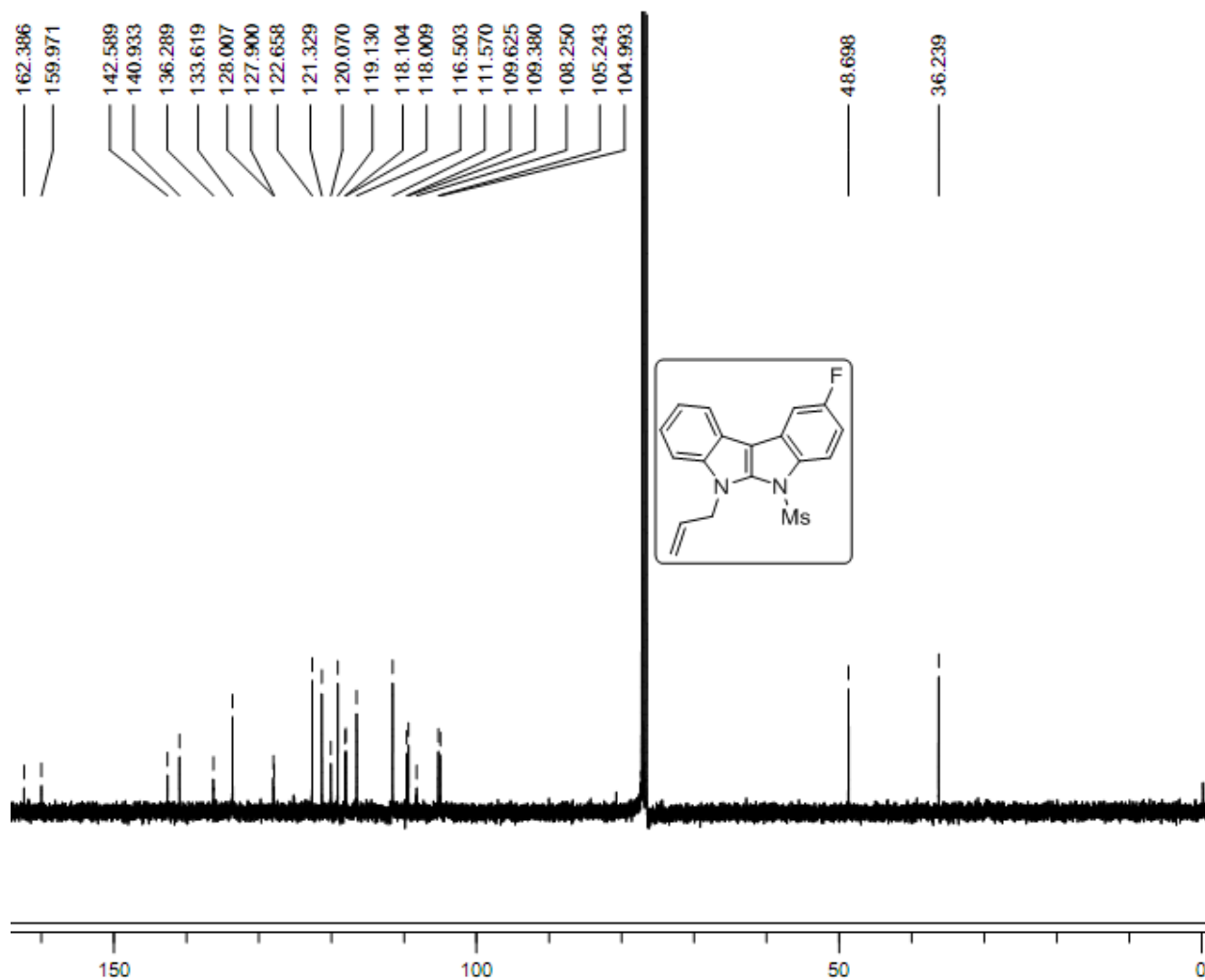
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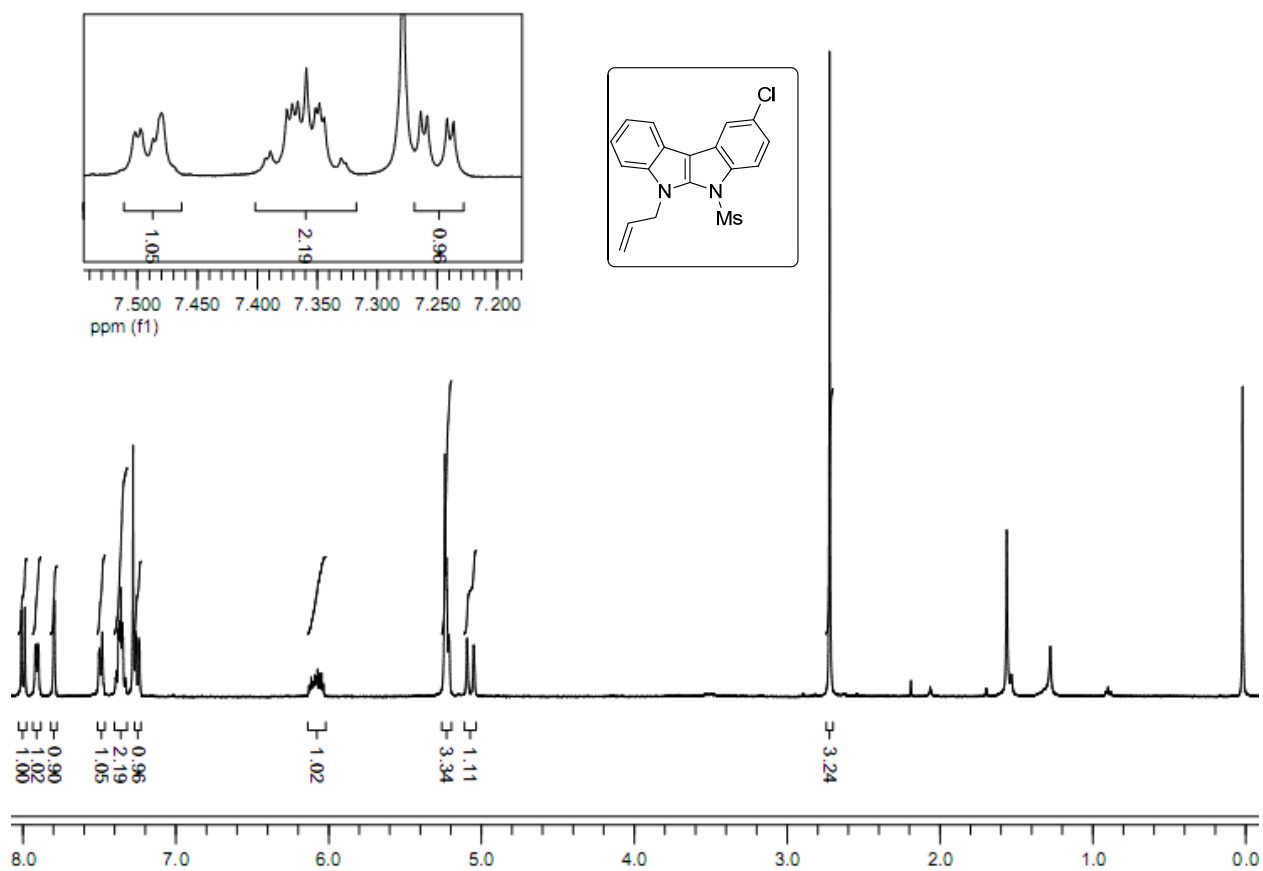
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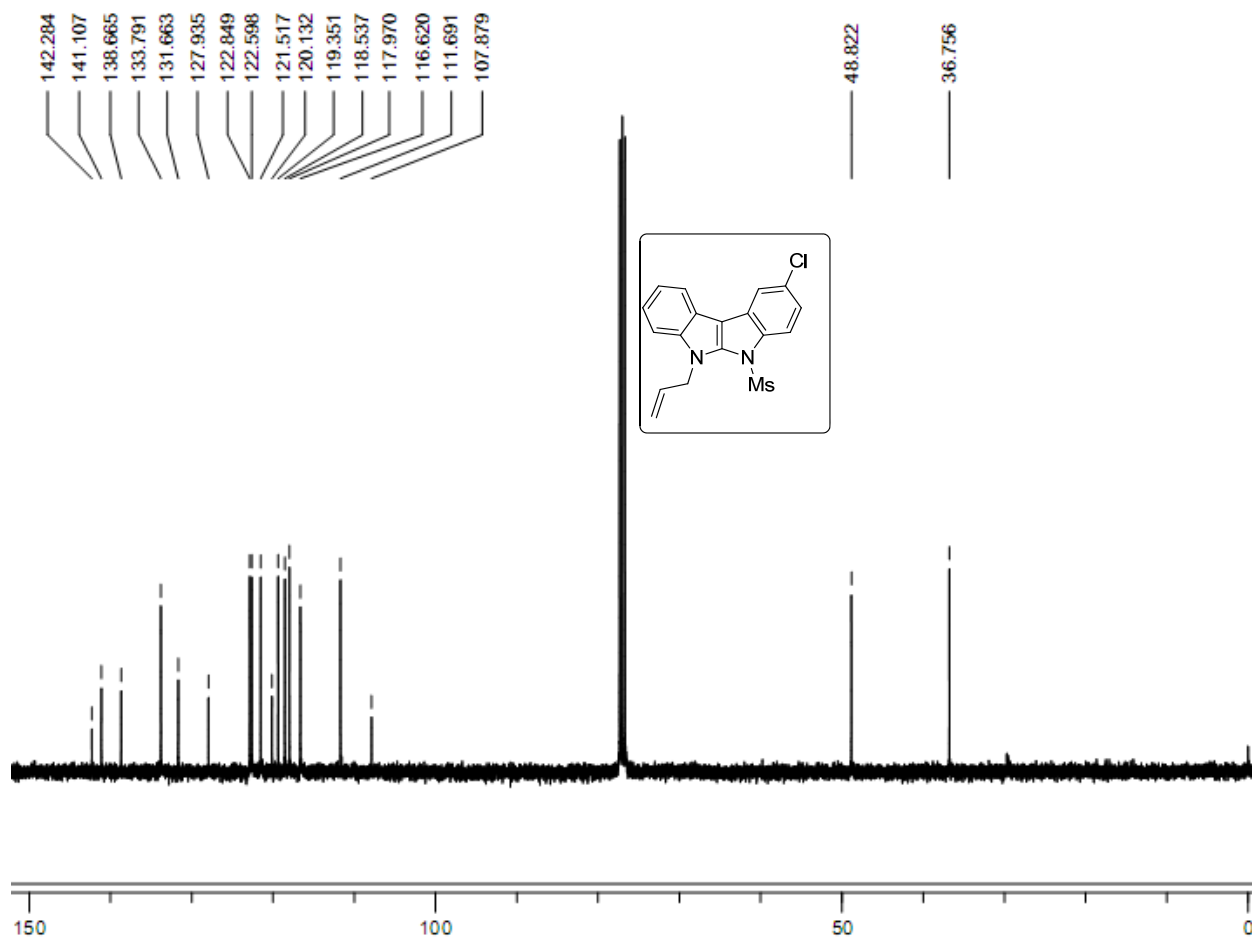
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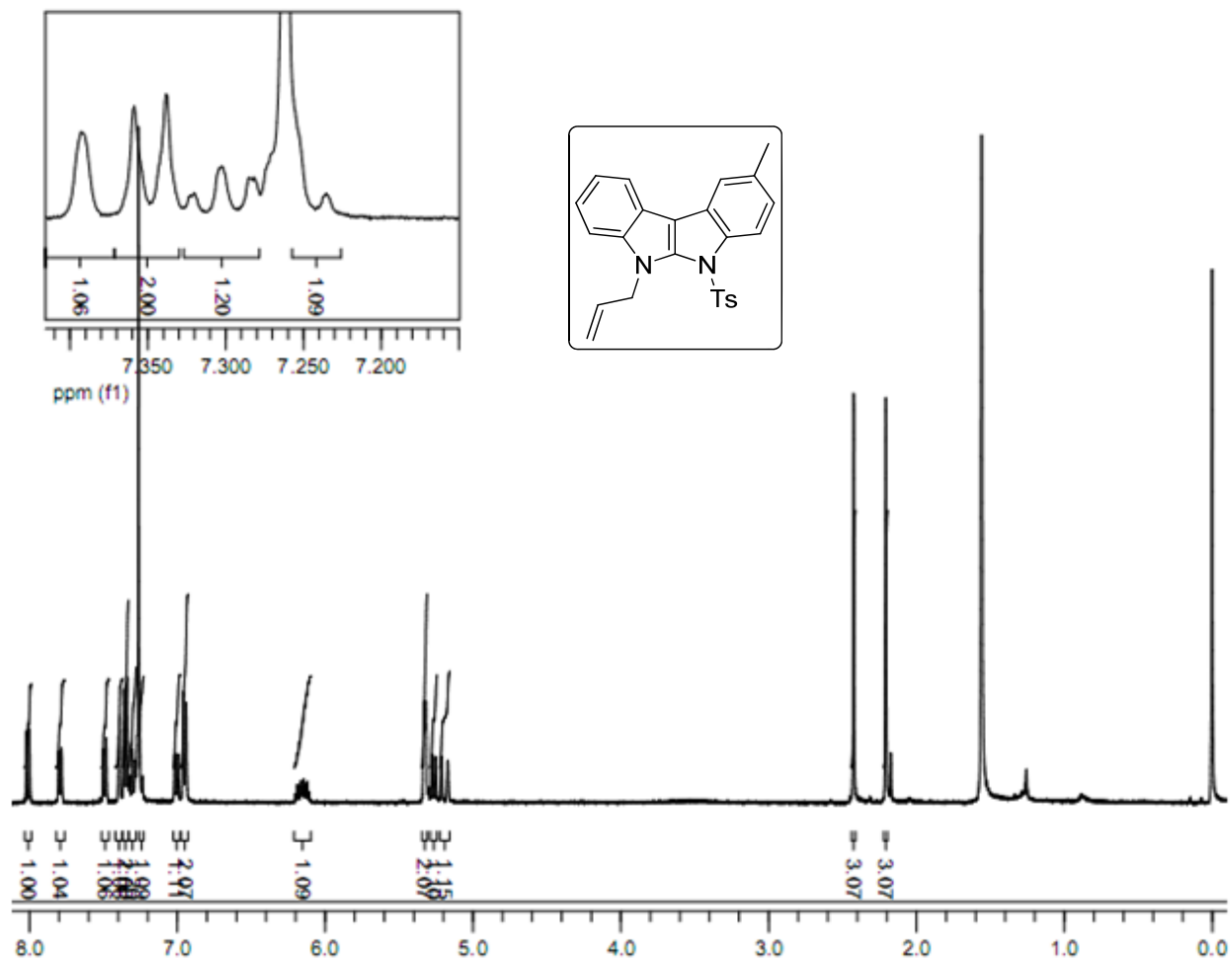
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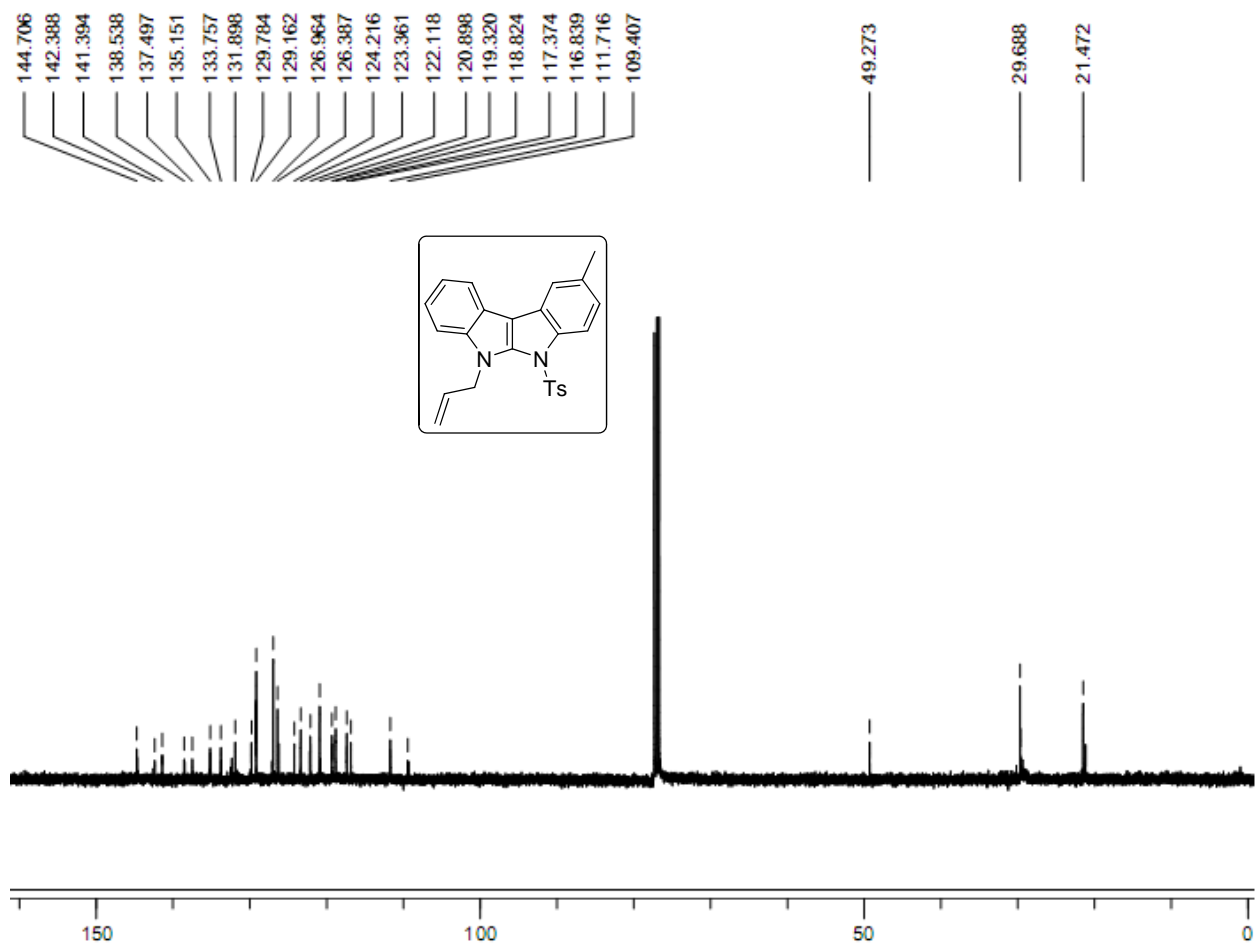
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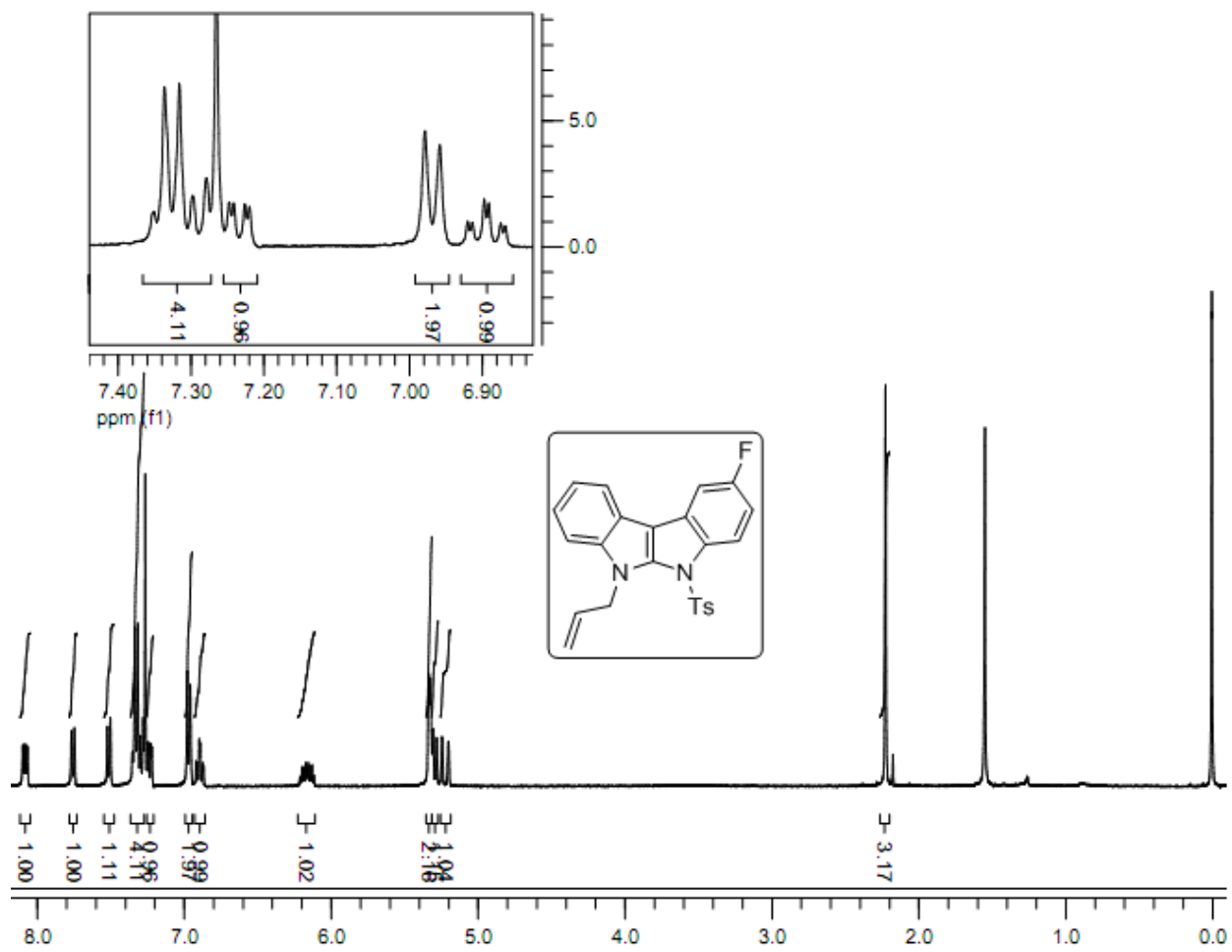


4n ^{13}C NMR (100 MHz, CDCl_3)

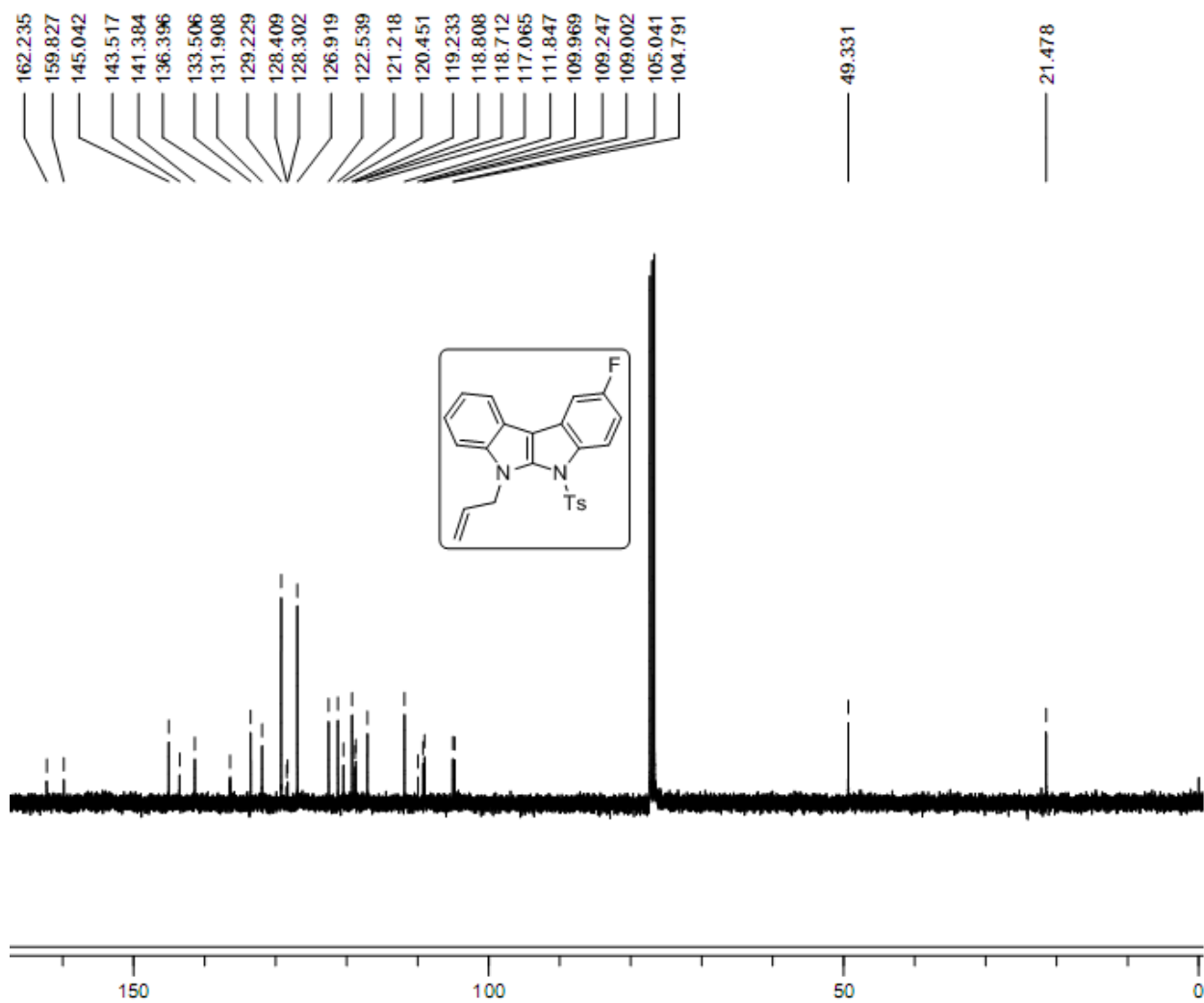


4o ^1H NMR (400 MHz, CDCl_3)

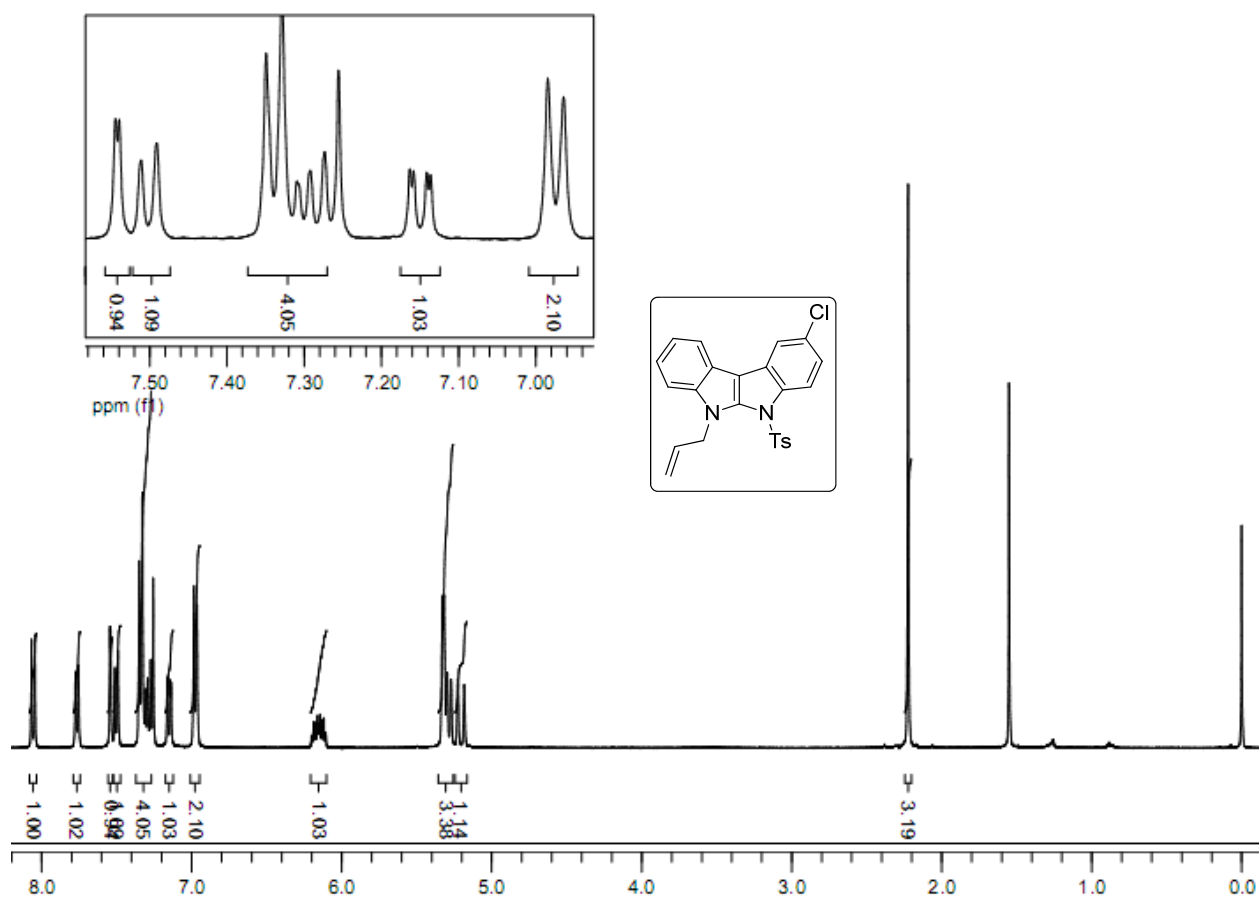




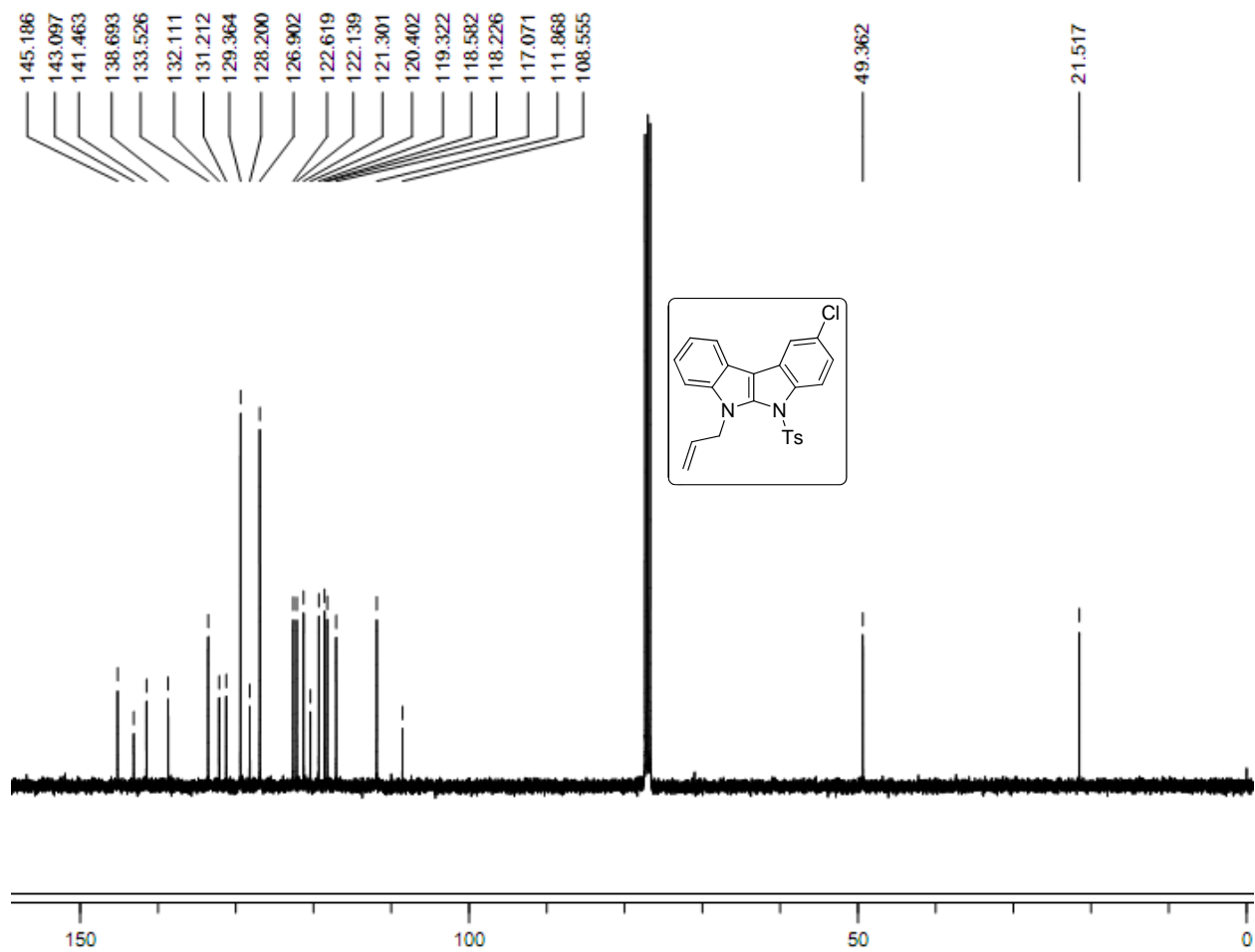
4p ^1H NMR (400 MHz, CDCl_3)



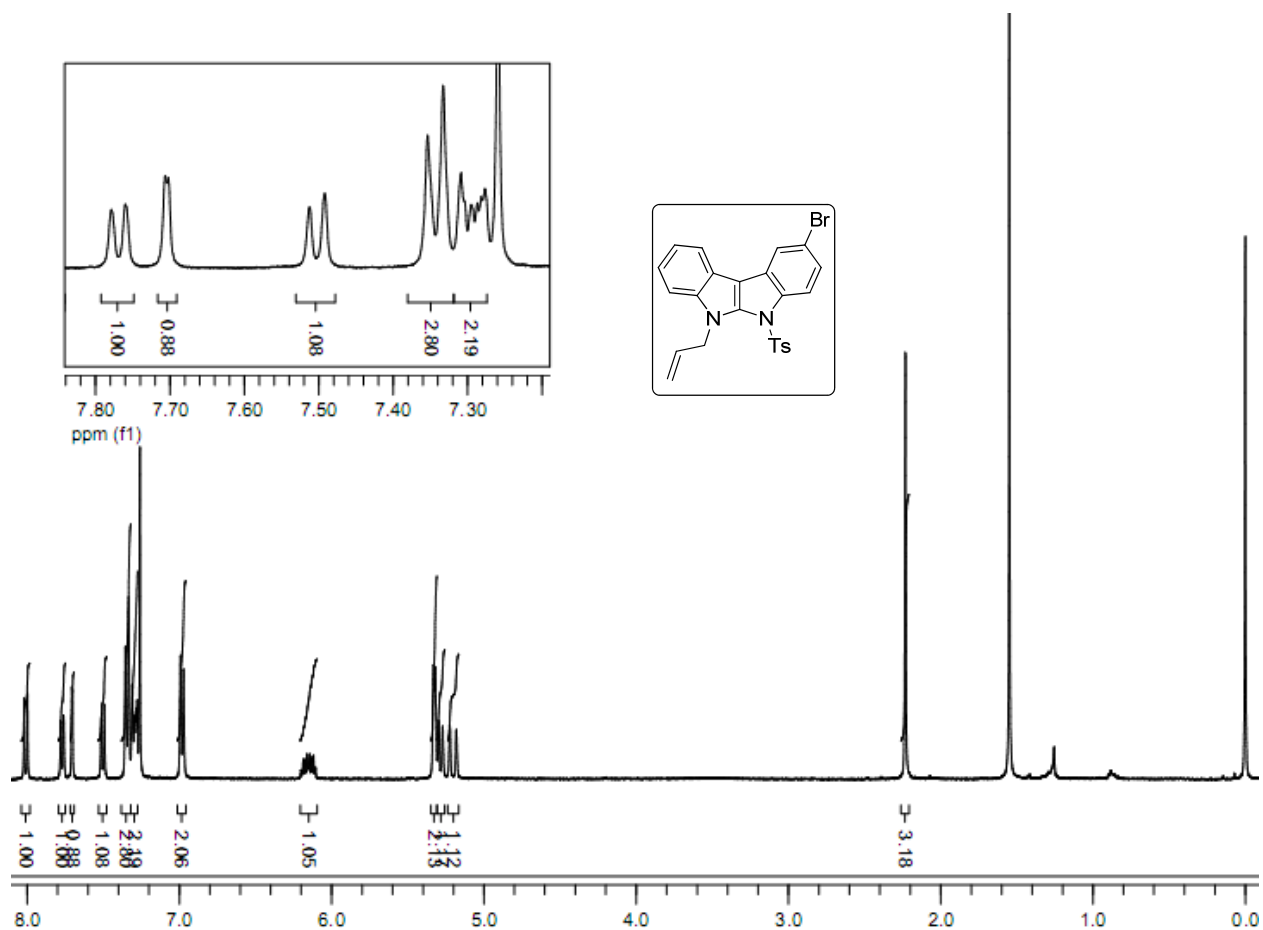
4p ^{13}C NMR (100 MHz, CDCl_3)



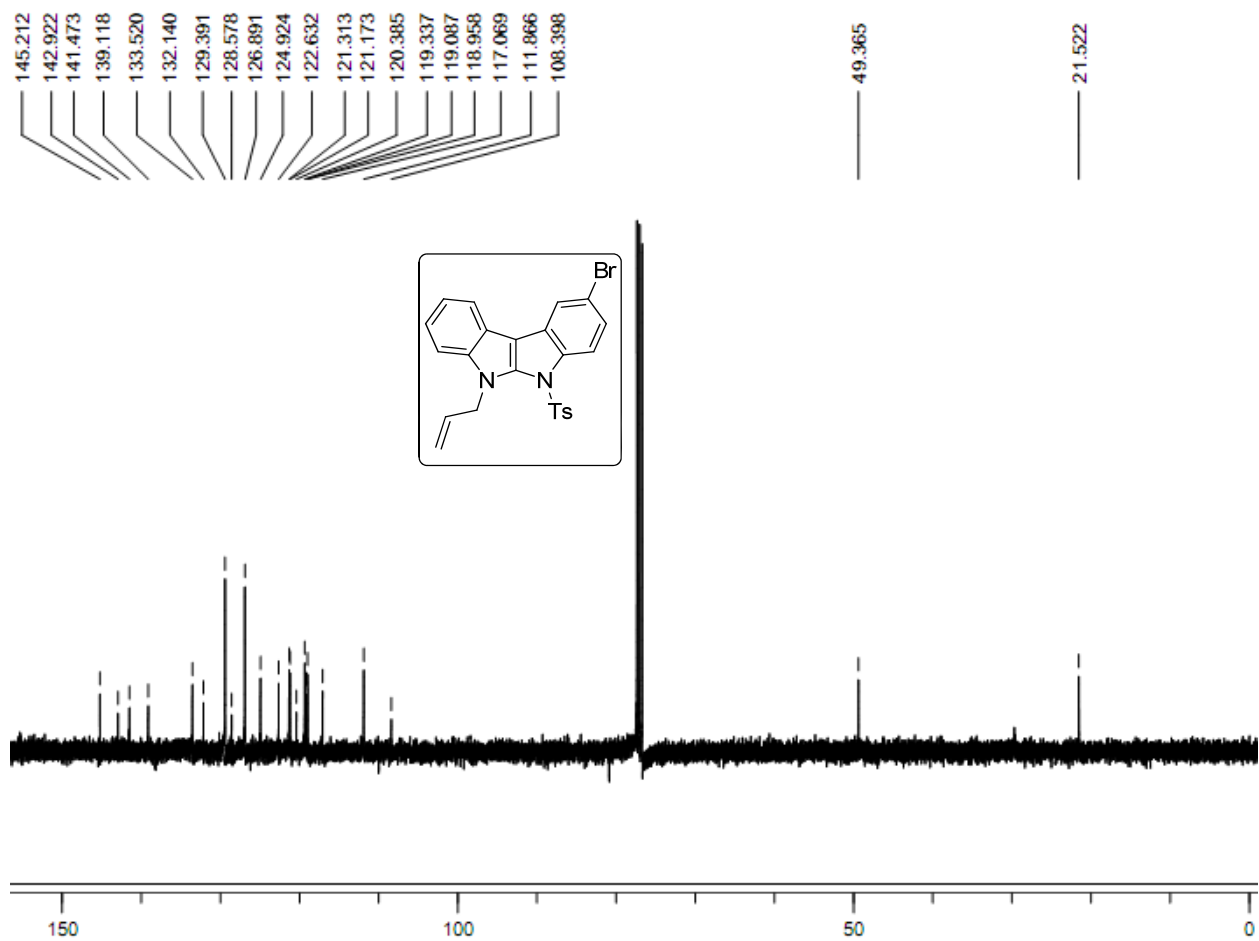
4q ^1H NMR (400 MHz, CDCl_3)



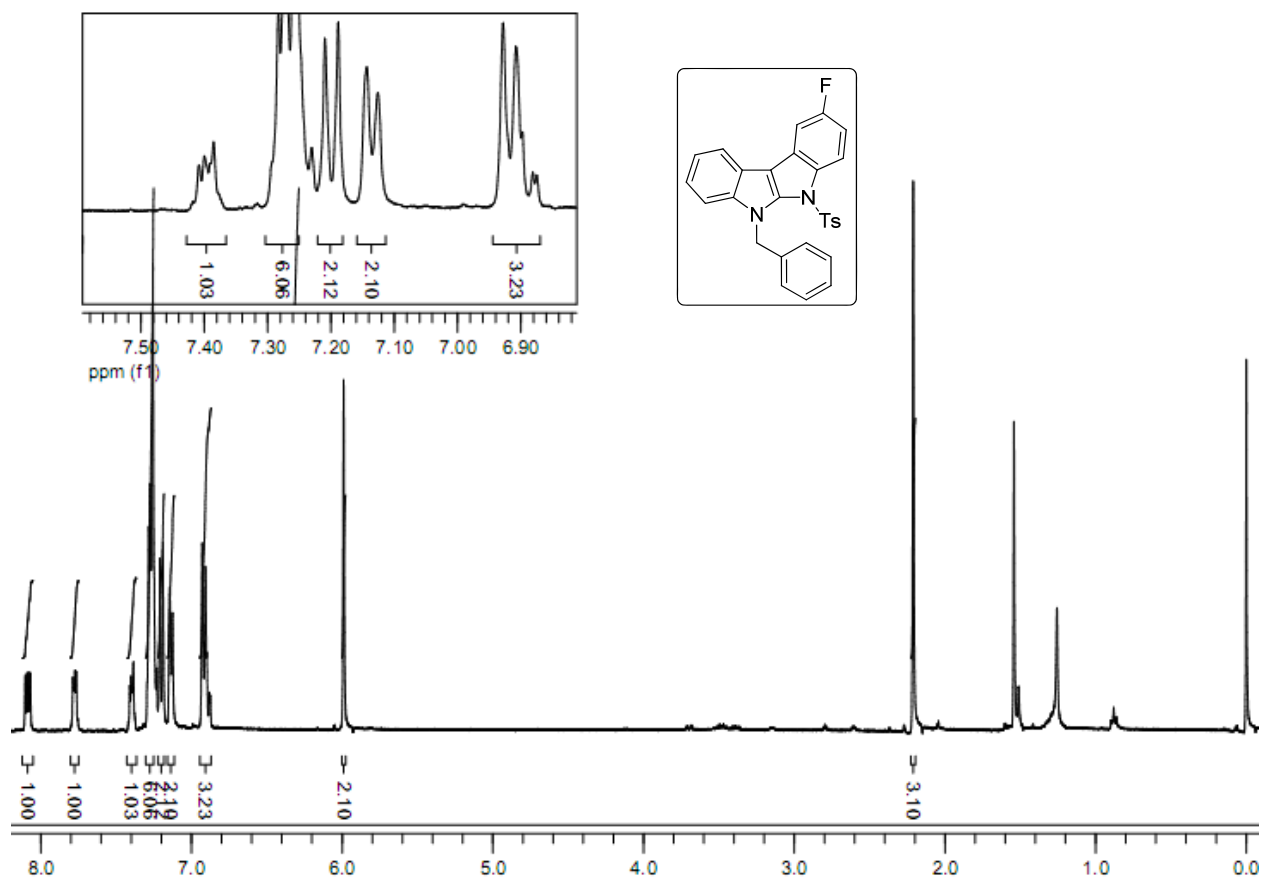
4q ^{13}C NMR (100 MHz, CDCl_3)



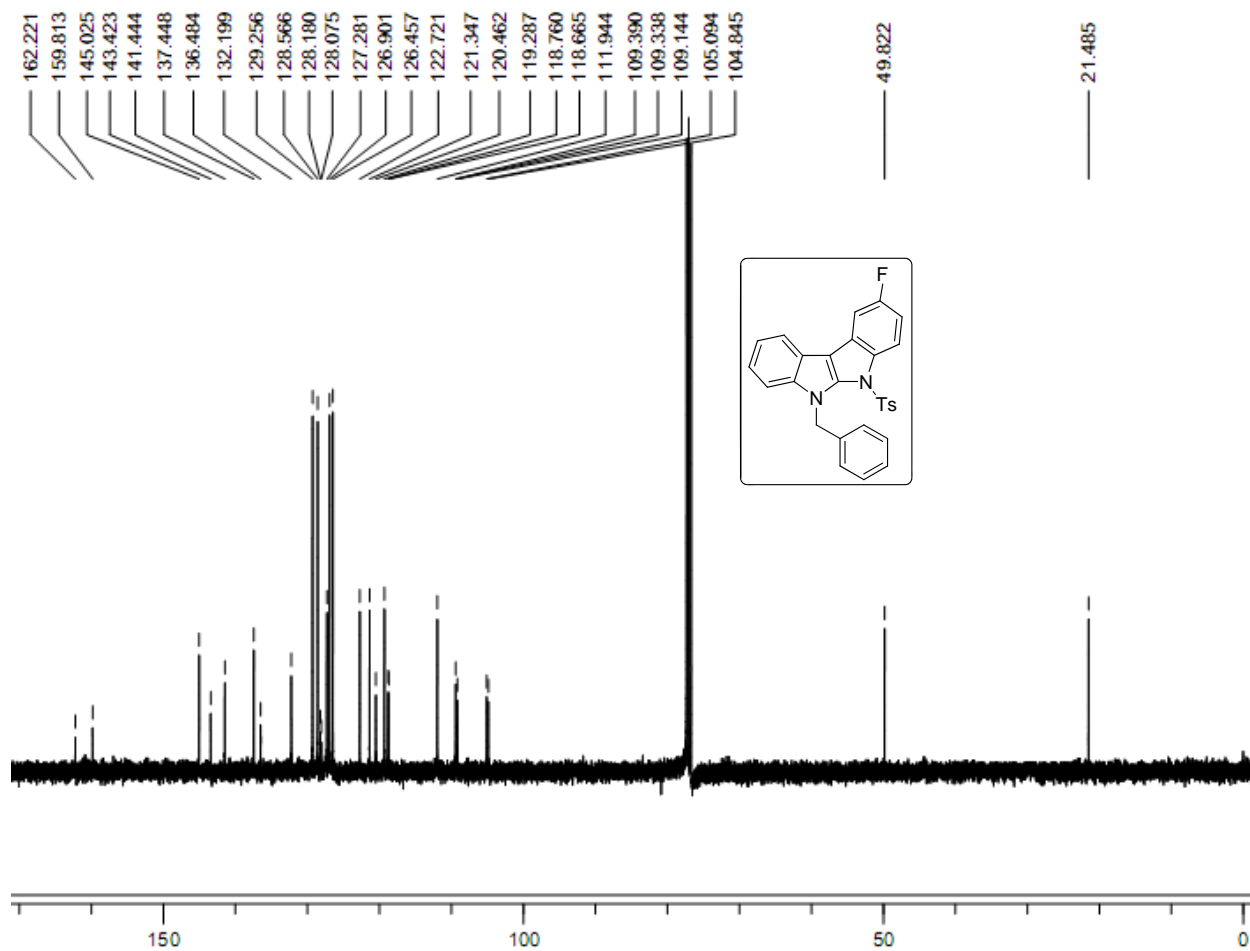
4r ^1H NMR (400 MHz, CDCl_3)



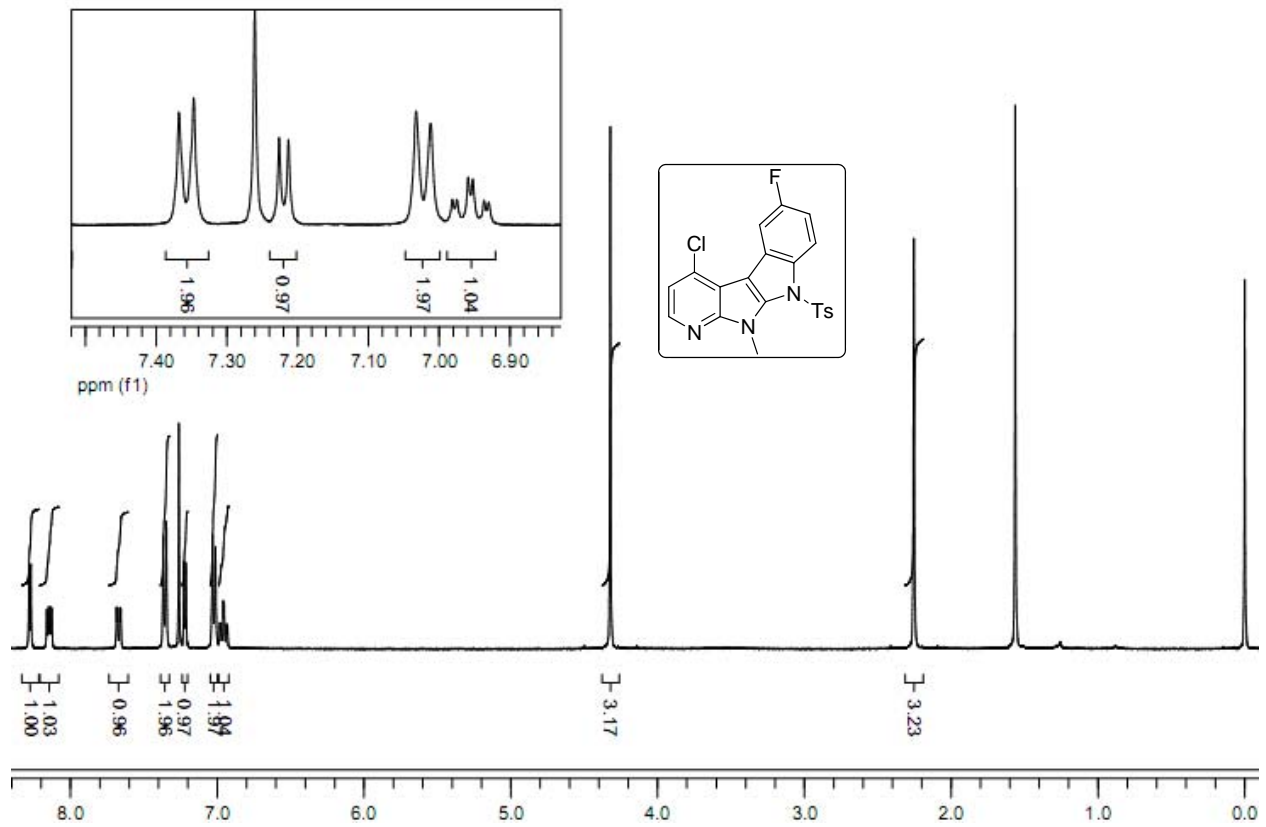
4r ^{13}C NMR (100 MHz, CDCl_3)



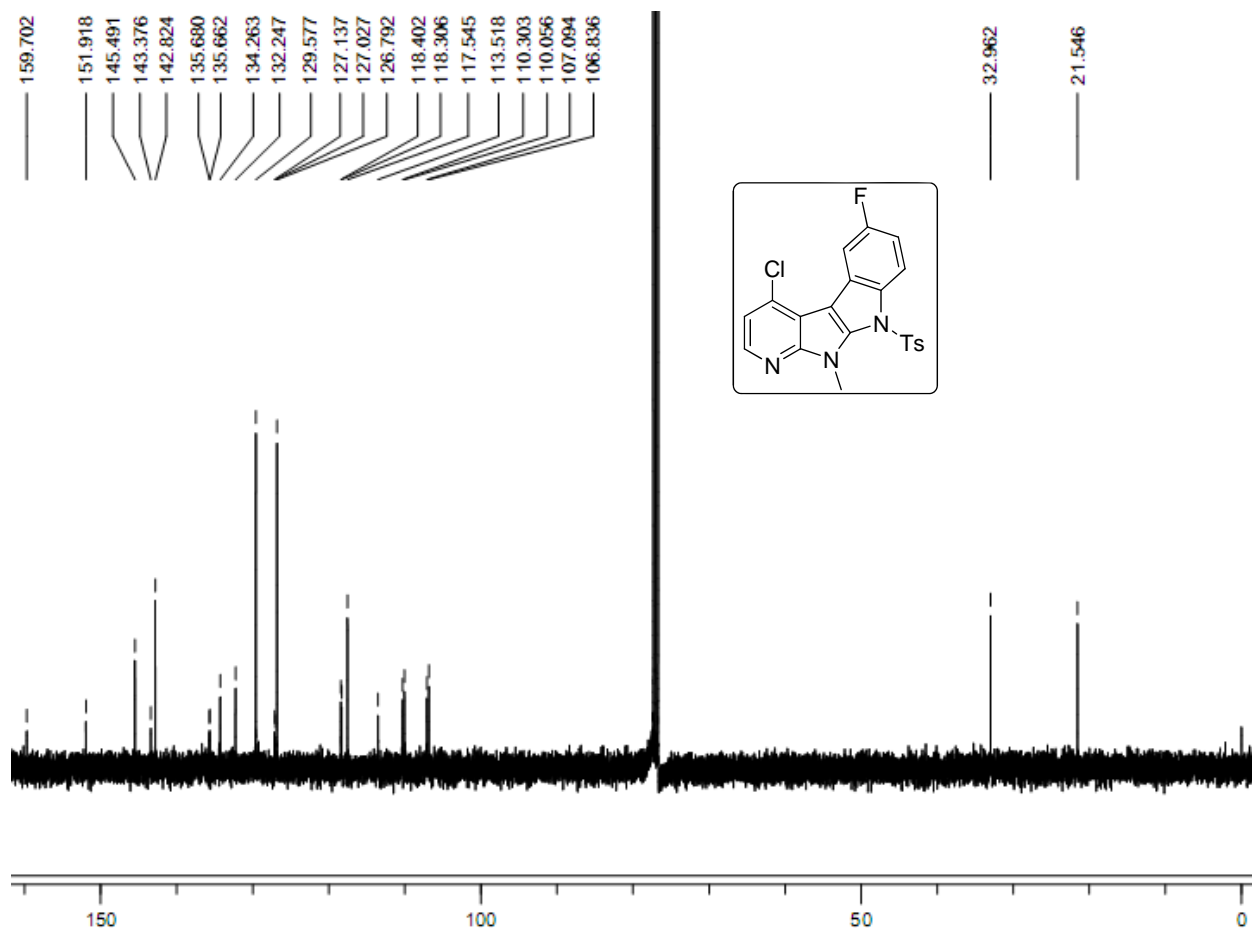
4s ^1H NMR (400 MHz, CDCl_3)



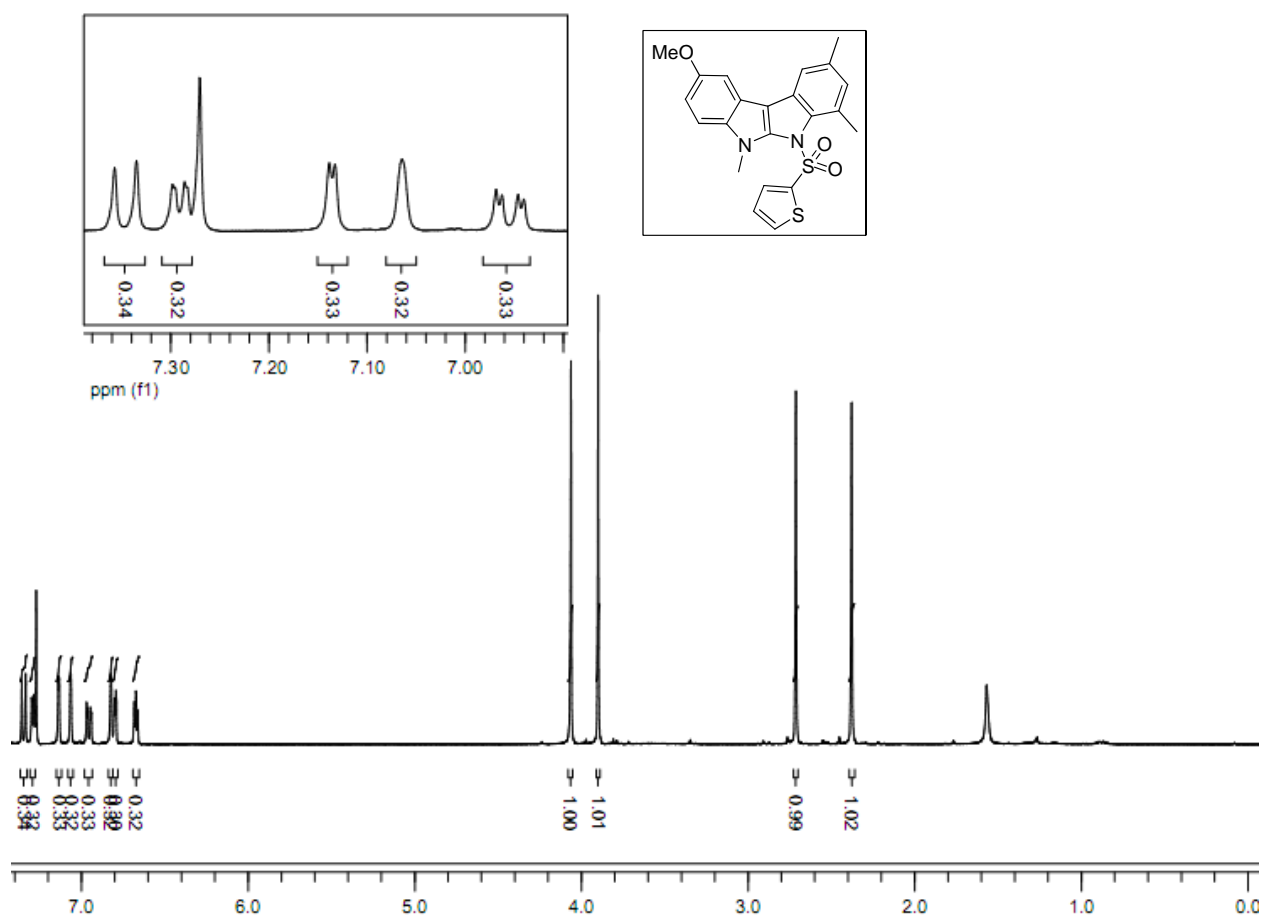
4s ^{13}C NMR (100 MHz, CDCl_3)



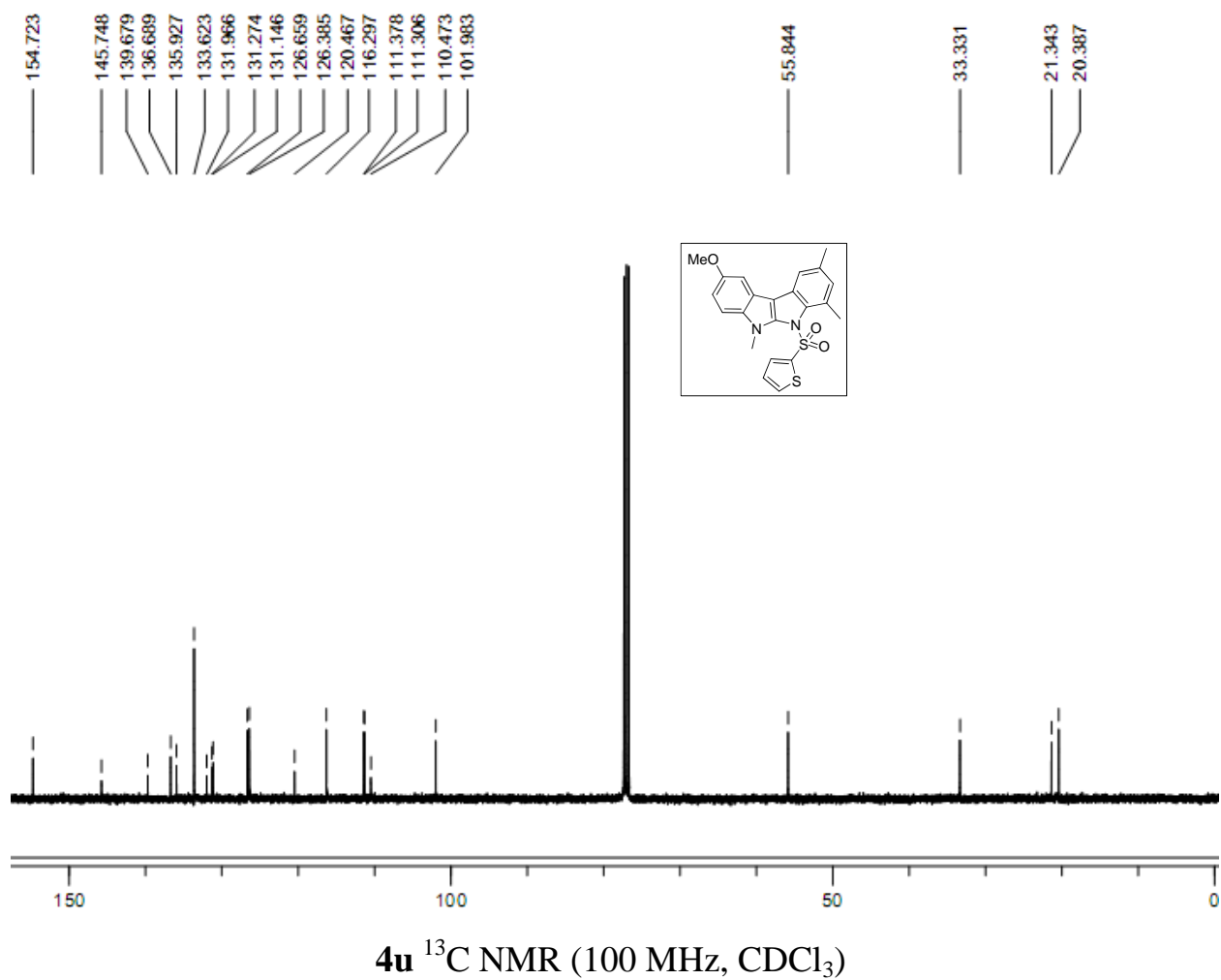
4t ^1H NMR (400 MHz, CDCl_3)

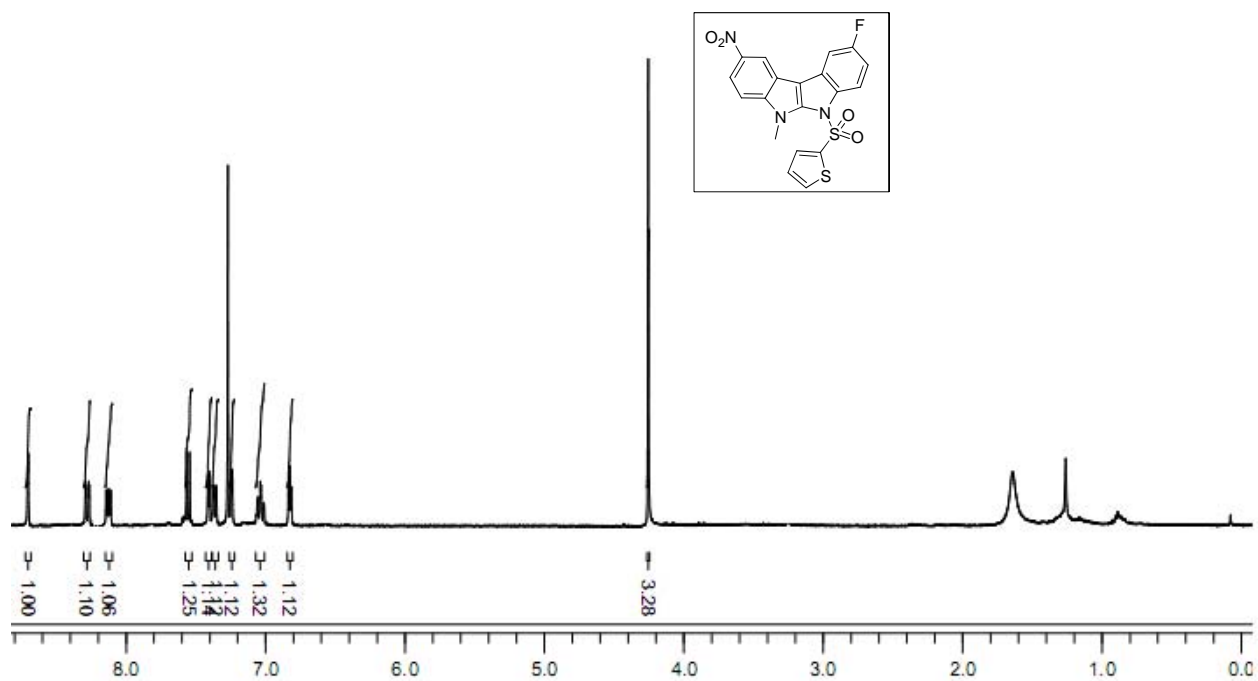


4t ^{13}C NMR (100 MHz, CDCl_3)

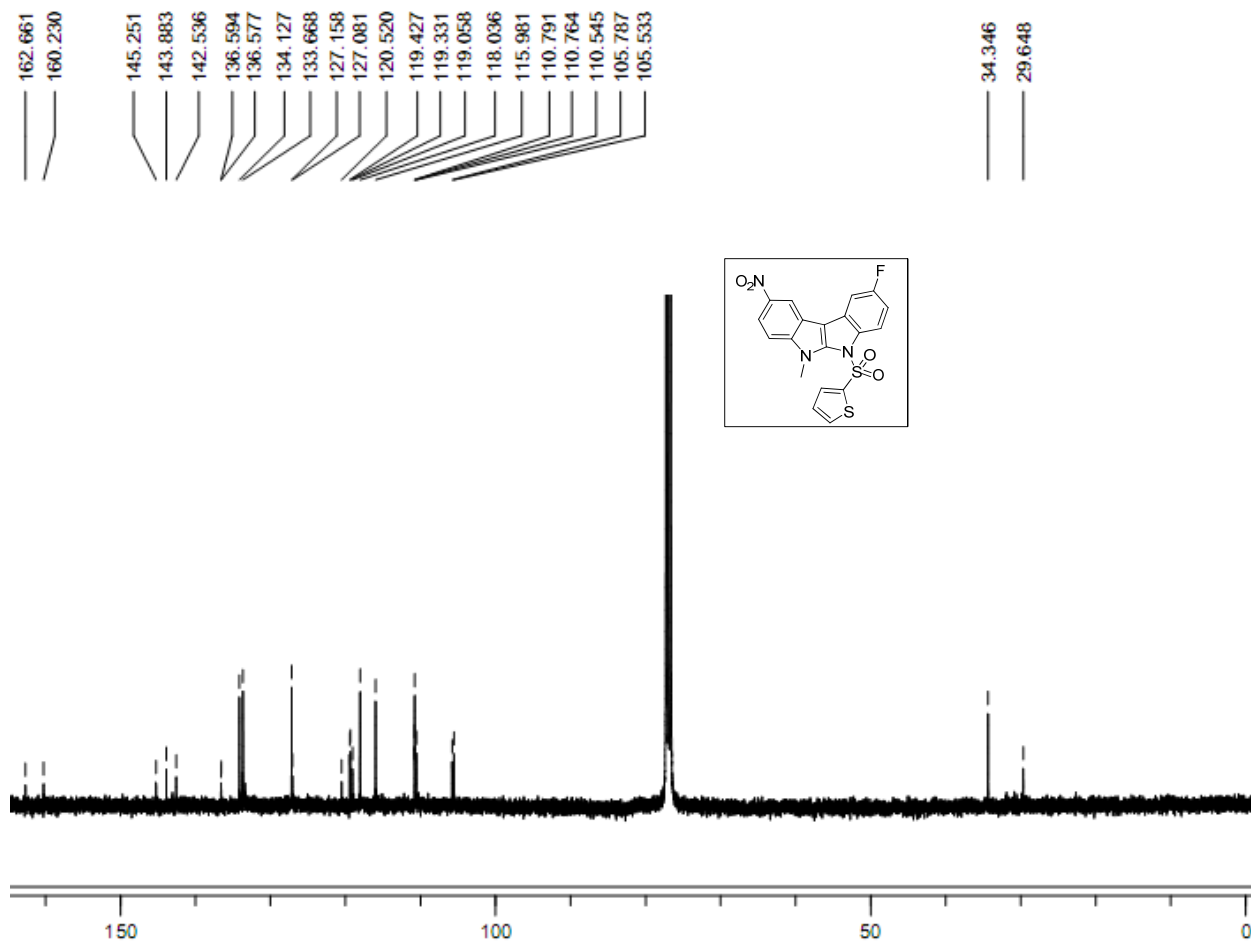


4u ^1H NMR (400 MHz, CDCl_3)





4v ^1H NMR (400 MHz, CDCl_3)



4v ^{13}C NMR (100 MHz, CDCl_3)