

## Supporting Information

### SYNTHESIS AND BIOLOGICAL EVALUATION OF 3-((1-METHYL-1*H*-PYRROL-2-*YL*)METHYLENE)INDOLIN-2-ONE DERIVATIVES AS POTENT ANTICANCER ACTIVE AGENTS

Jie Chen,<sup>1#</sup> Wei-nan Hu,<sup>1#</sup> Yang Xu,<sup>1</sup> Wen Li,<sup>1</sup> Ya-yun Qi,<sup>1</sup> Yi-hong Fu,<sup>1</sup>  
Jia-min Liu,<sup>1</sup> Zhen-chao Wang,<sup>1,2\*</sup> and Gui-ping Ouyang,<sup>1,2,3\*</sup>

<sup>1</sup> College of Pharmacy, Guizhou University, Guiyang, 550025, P. R. China; <sup>2</sup> State Key Laboratory of Functions and Applications of Medicinal Plants, Guizhou Medcial University, Guiyang, 550014, P. R. China; <sup>3</sup> Guizhou Engineering Laboratory for Synthetic Drugs, Guizhou, Guiyang, 550025, P. R. China. # These authors contributed equally to this work. Email: wzc.4884@163.com, gpouyang@gzu.edu.cn

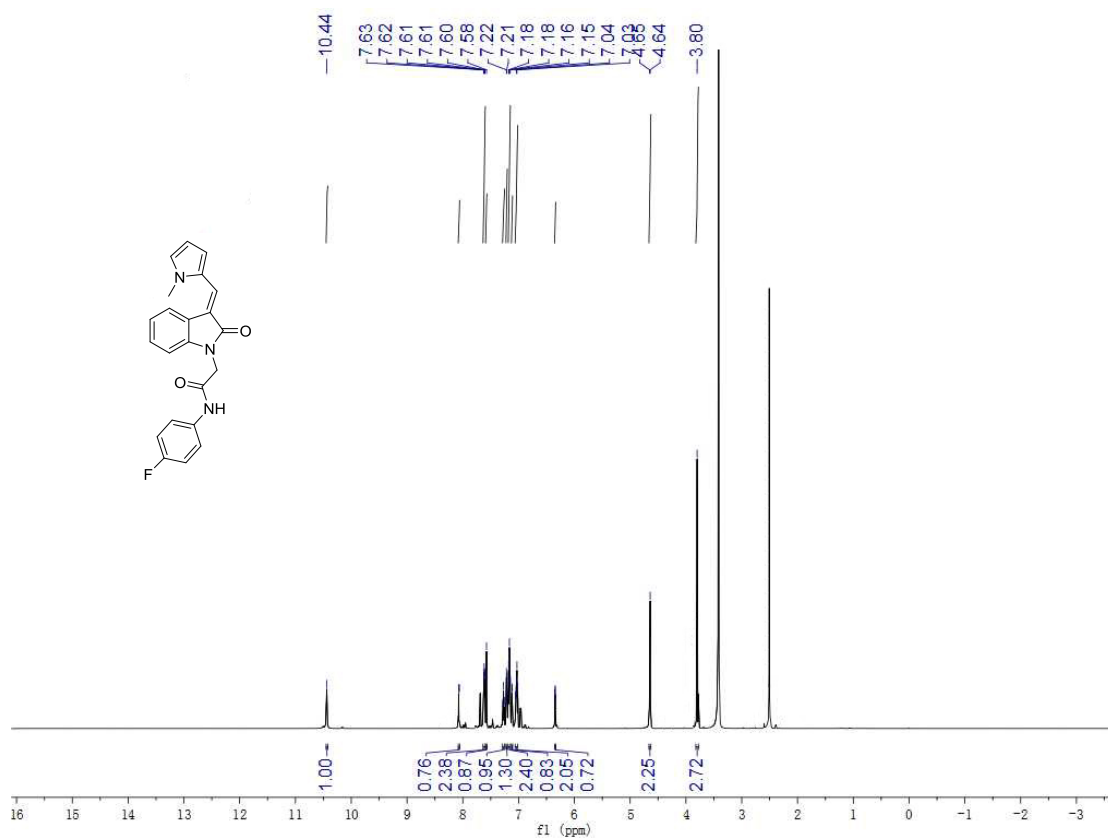
#### Content

Copies of <sup>1</sup>H NMR, <sup>13</sup>C NMR and HRMS Spectra for target Compound 7a–7q

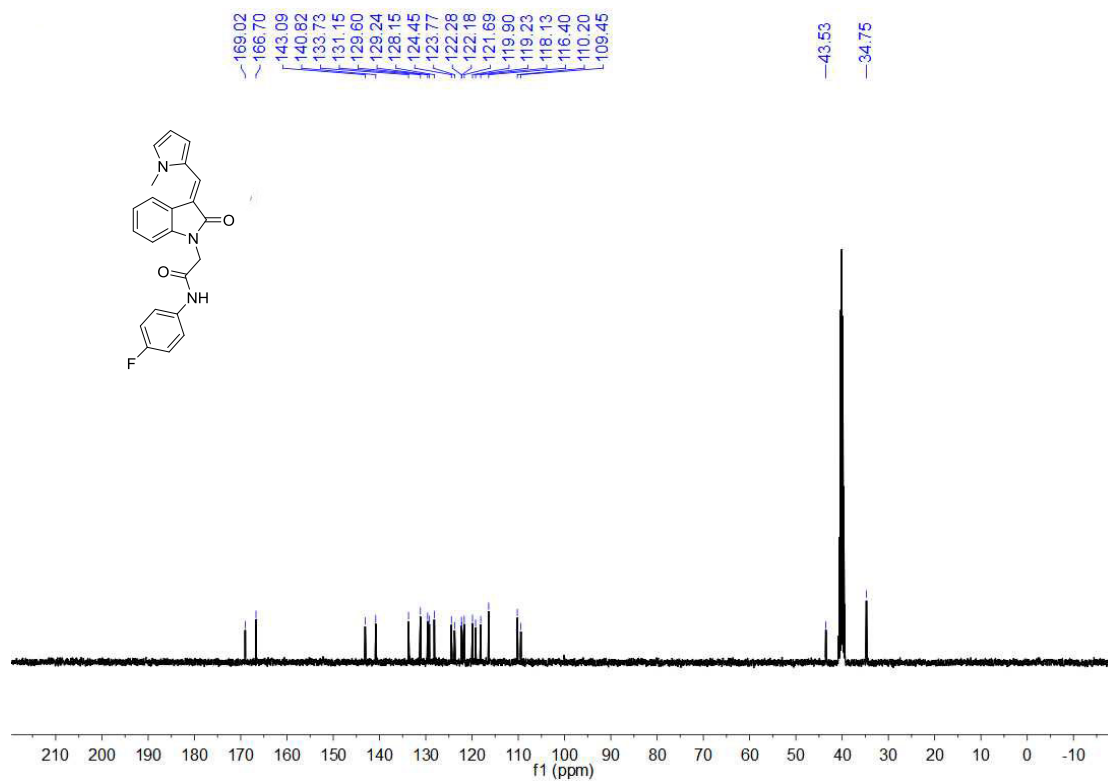
I-XXVI

# Copies of $^1\text{H}$ NMR, $^{13}\text{C}$ NMR and HRMS Spectra for target Compounds

## $^1\text{H}$ NMR of compound **7a**

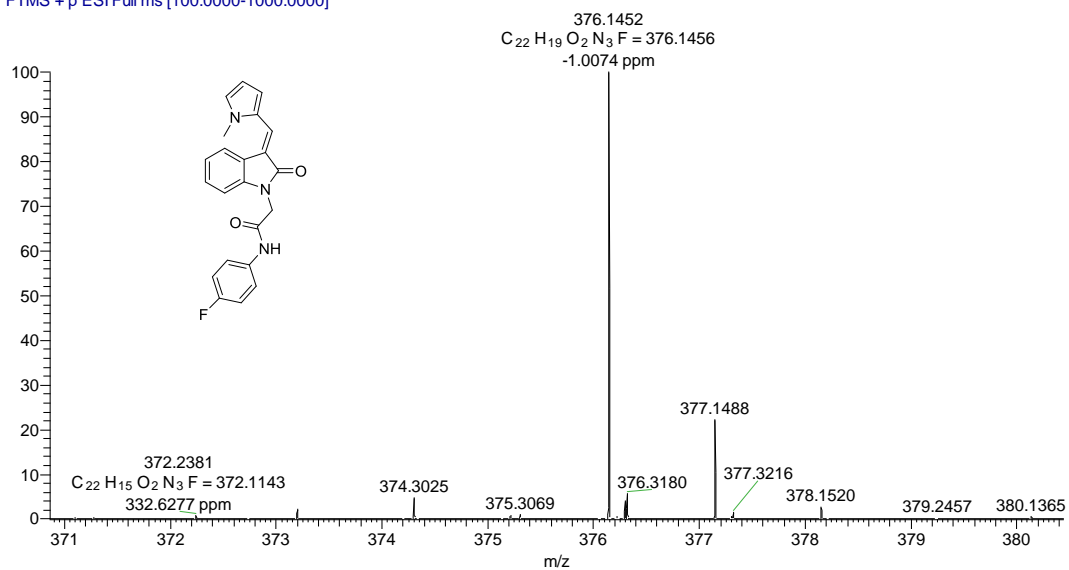


## $^{13}\text{C}$ NMR of compound **7a**

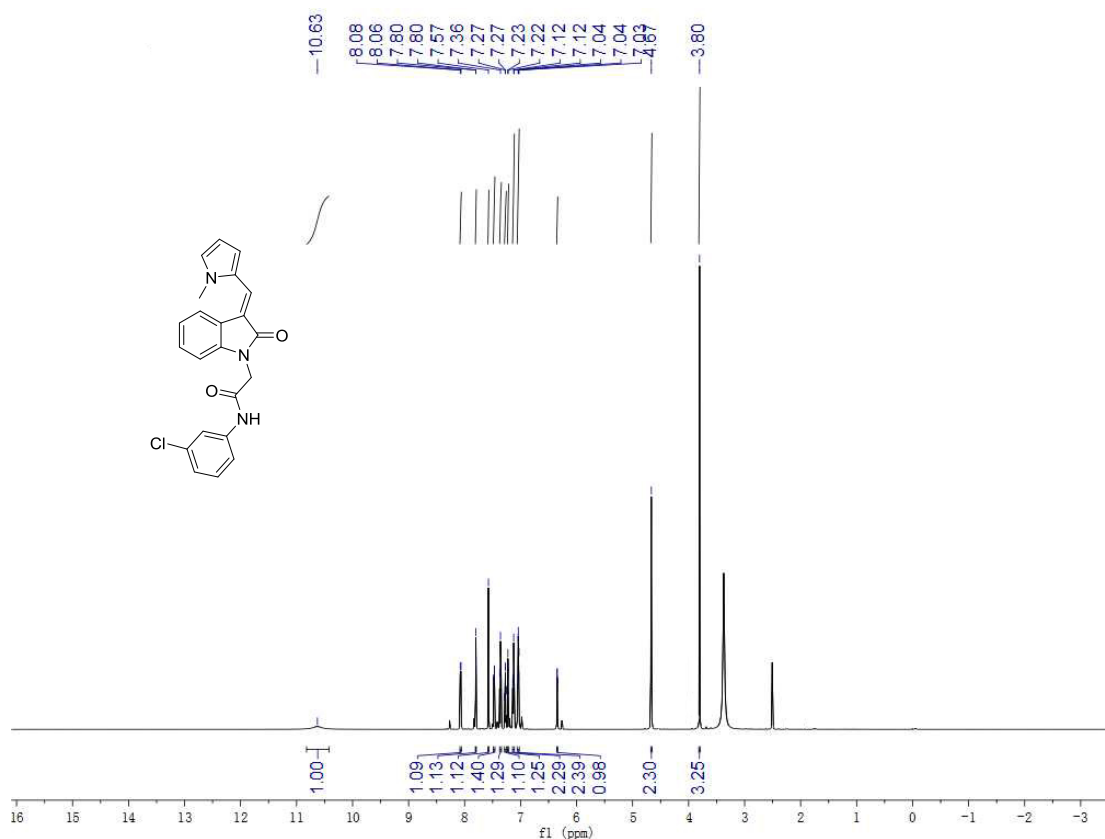


## HRMS of compound **7a**

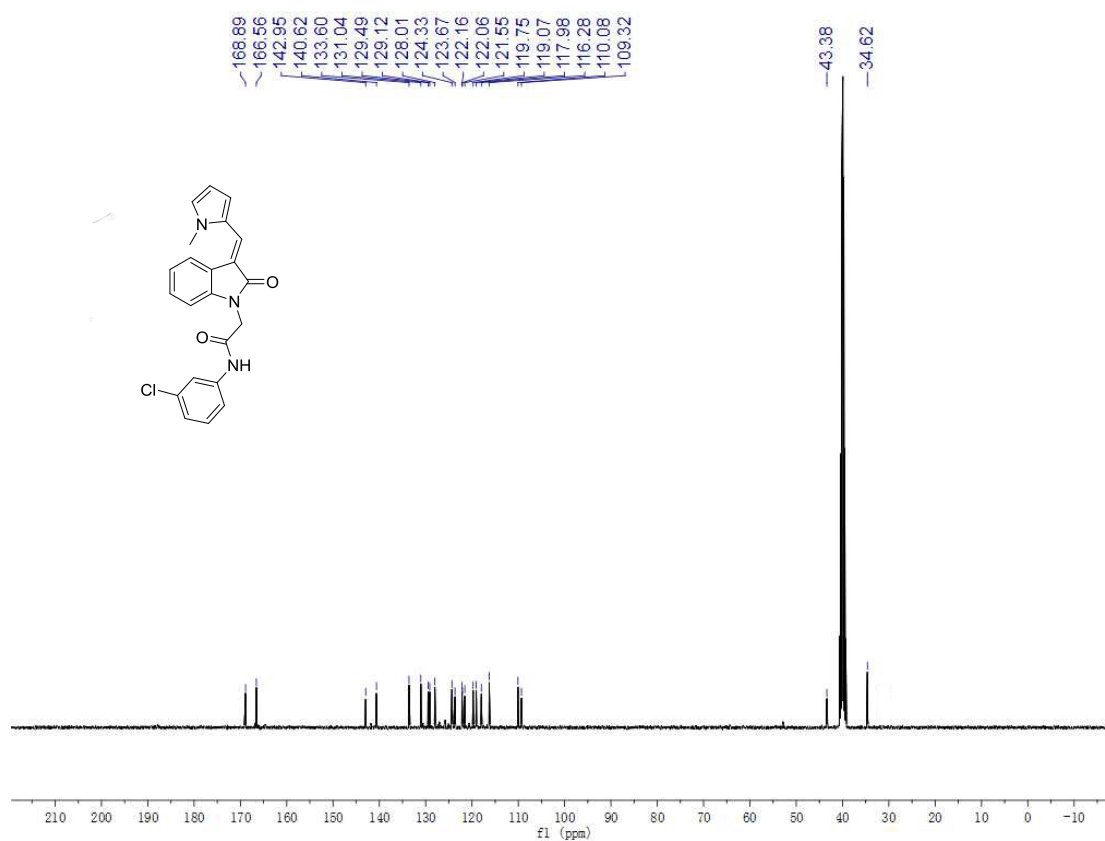
2019031556 #81 RT: 0.79 AV: 1 NL: 2.24E7  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound **7b**

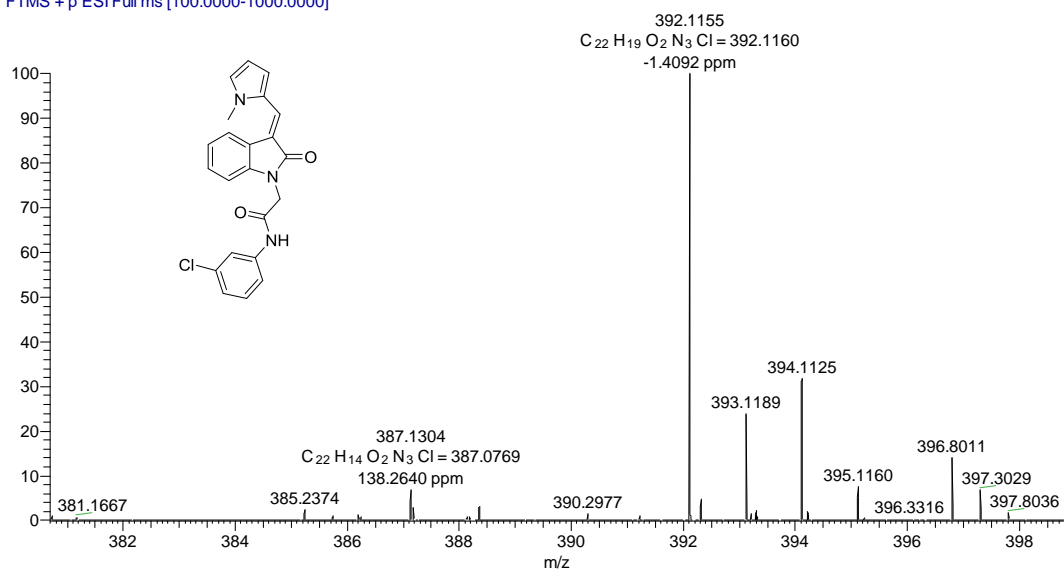


### <sup>13</sup>C NMR of compound **7b**

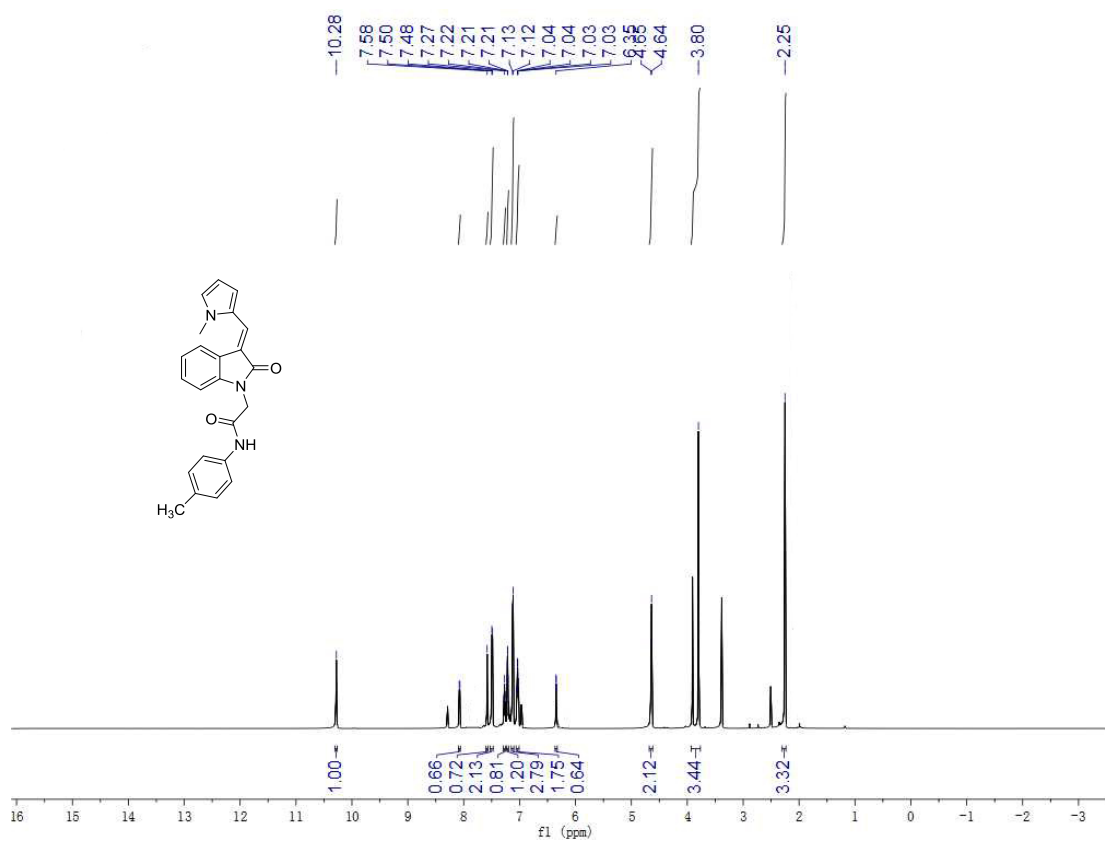


### HRMS of compound **7b**

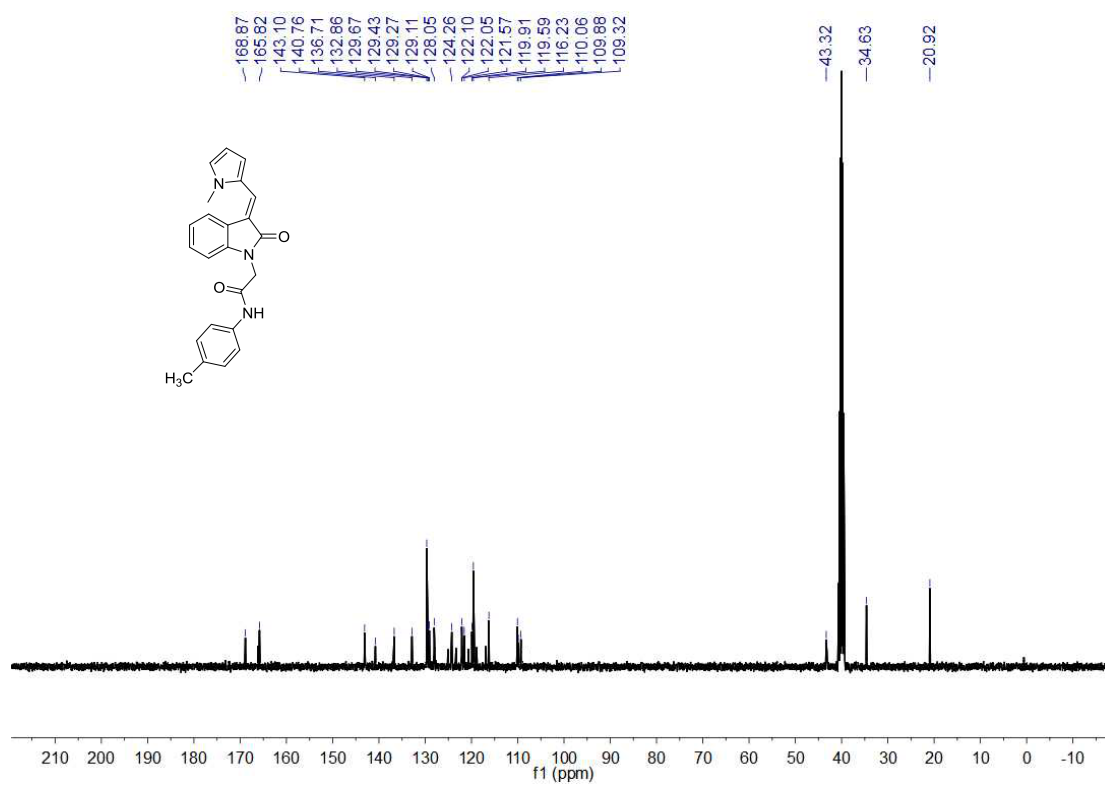
2019031557 #77 RT: 0.75 AV: 1 NL: 1.73E7  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



### $^1\text{H}$ NMR of compound **7c**

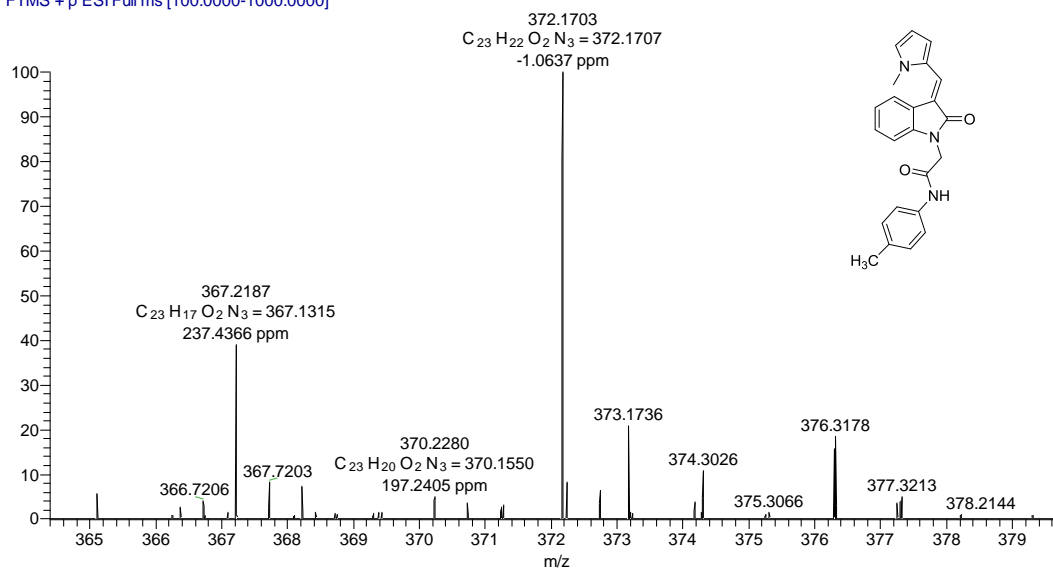


### $^{13}\text{C}$ NMR of compound **7c**

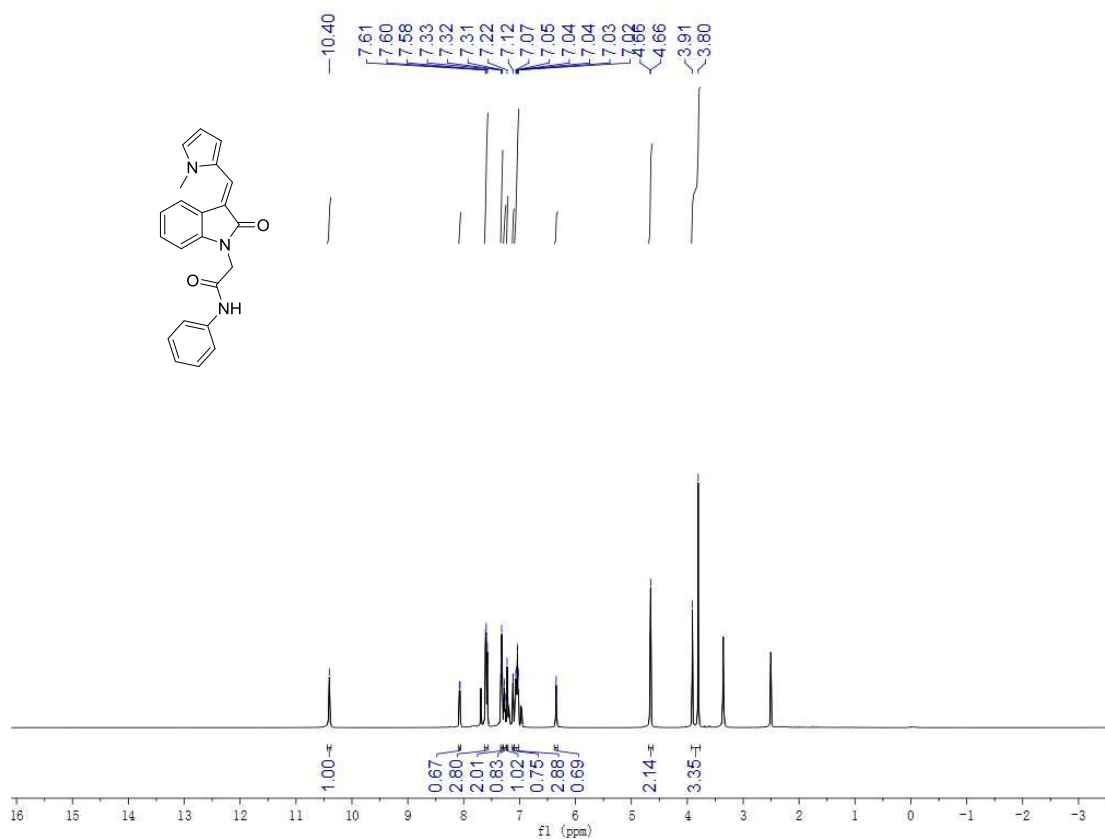


## HRMS of compound **7c**

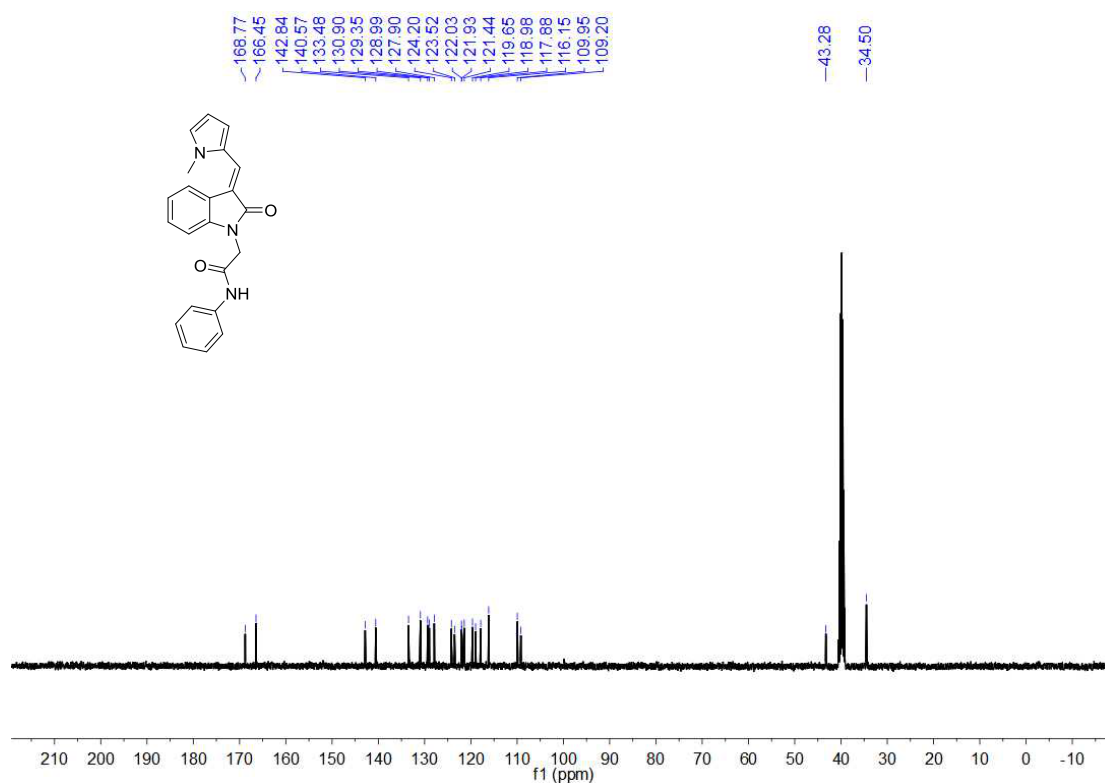
2019031558 #71 RT: 0.70 AV: 1 NL: 5.78E6  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound **7d**

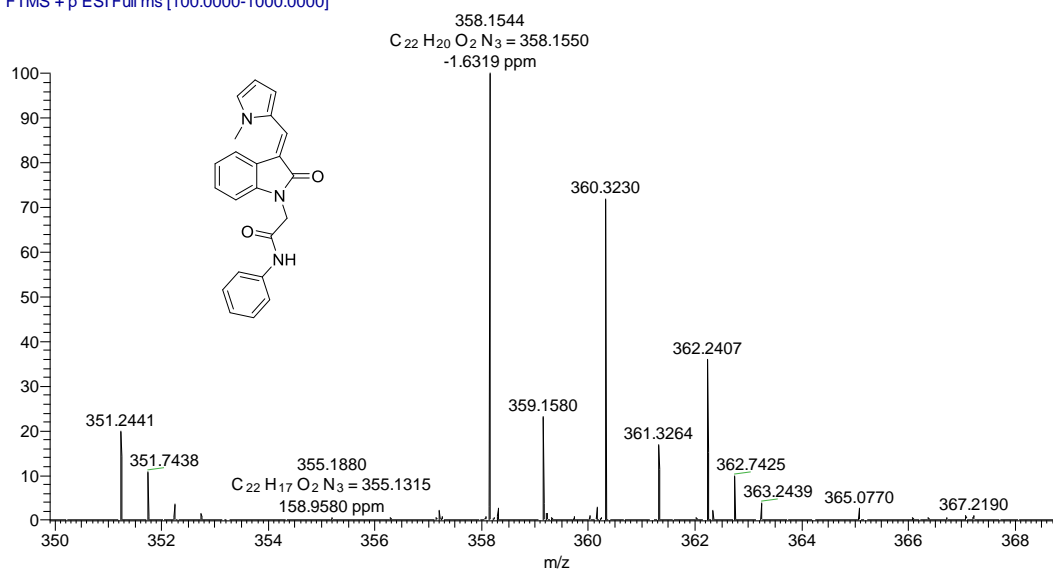


### <sup>13</sup>C NMR of compound **7d**

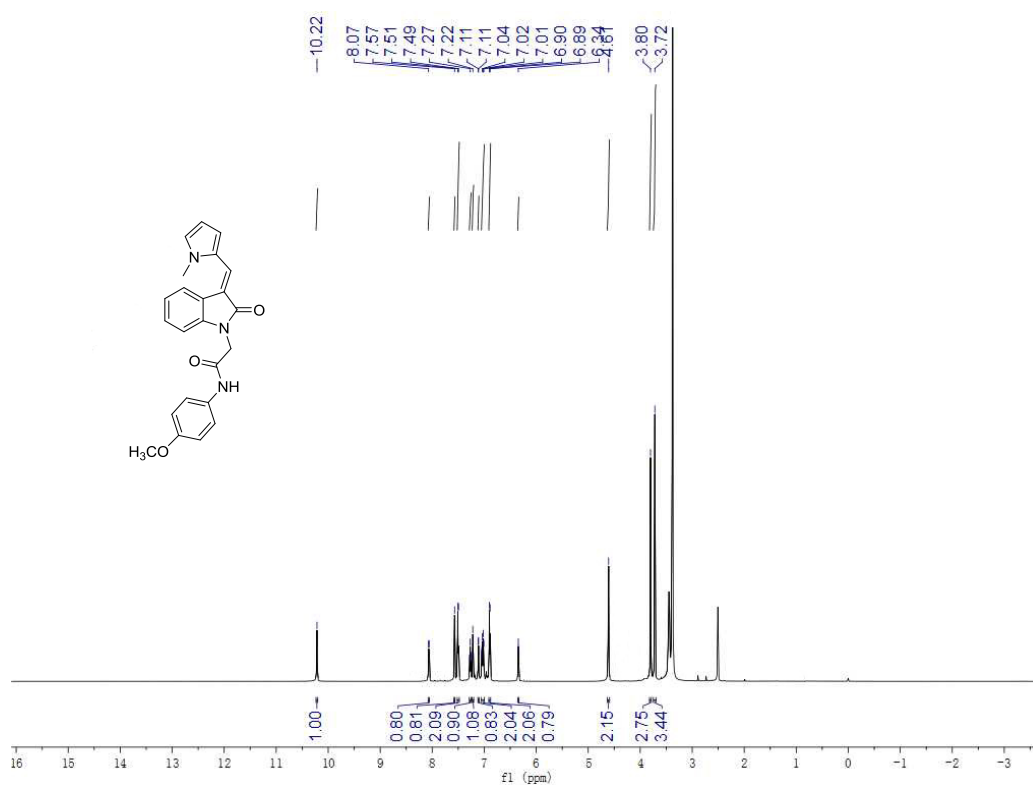


### HRMS of compound **7d**

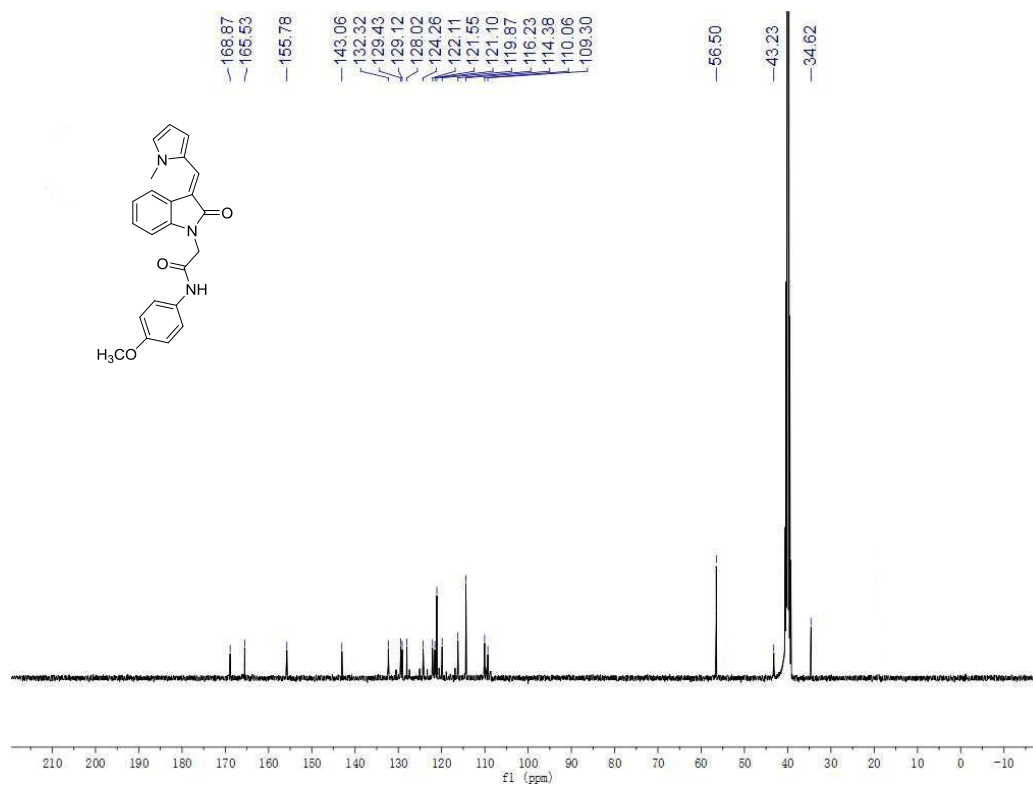
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T: FTMS + p ESI Full ms [100.0000-1000.0000]



### $^1\text{H}$ NMR of compound **7e**

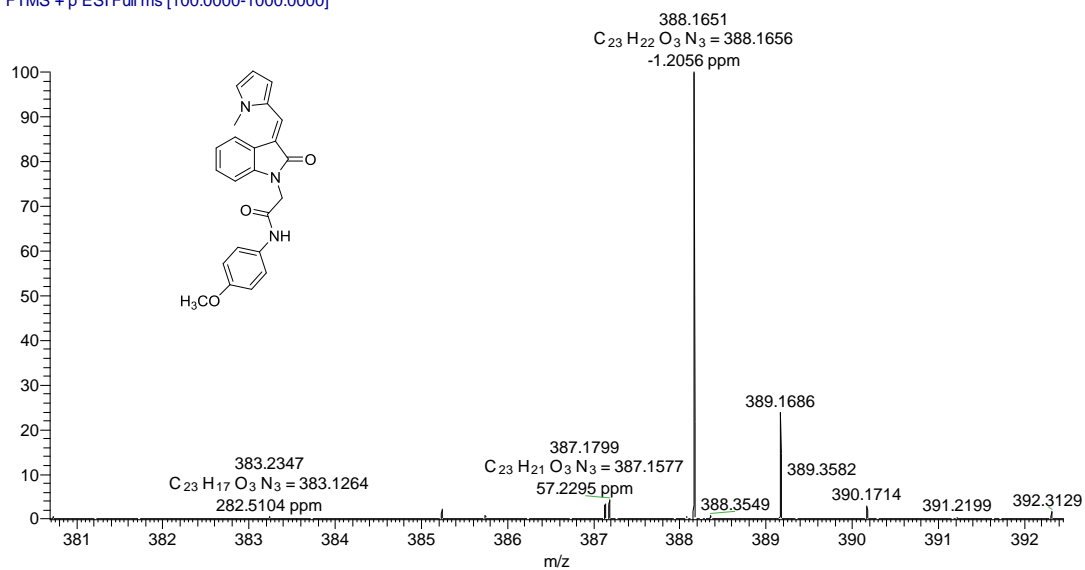


### $^{13}\text{C}$ NMR of compound **7e**

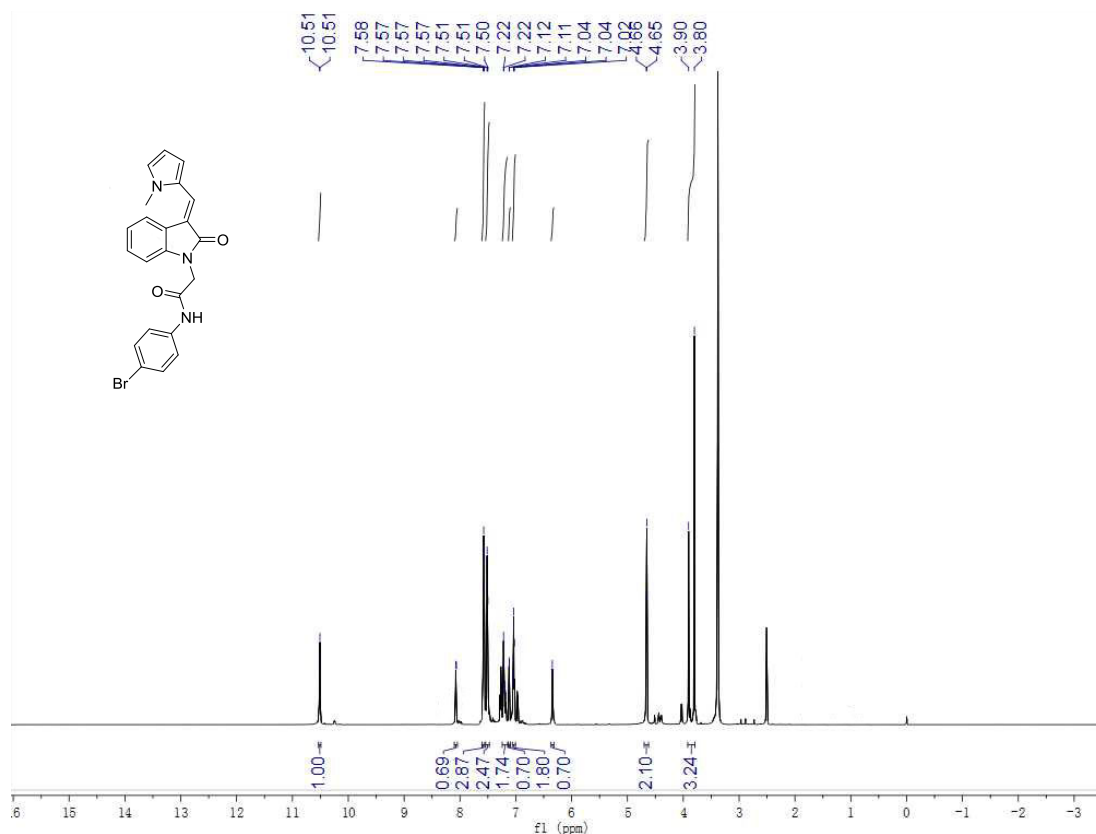


## HRMS of compound 7e

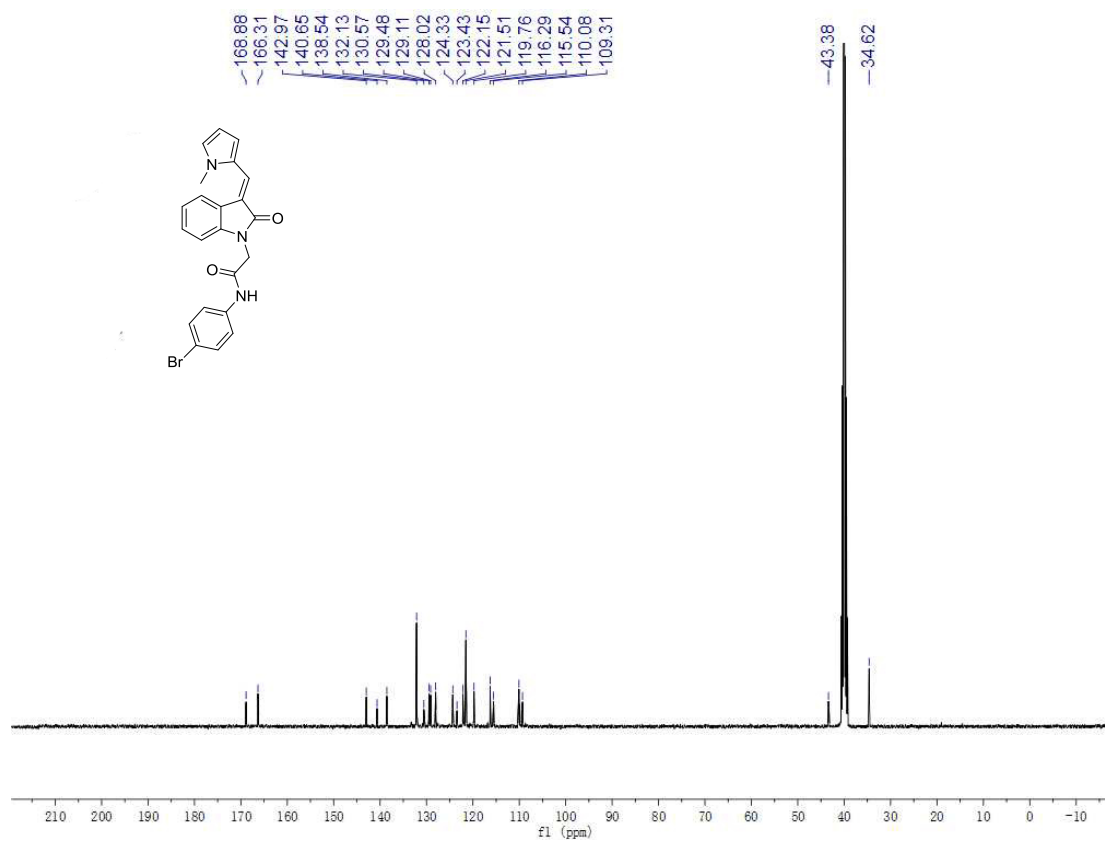
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T: FTMS + p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound 7f

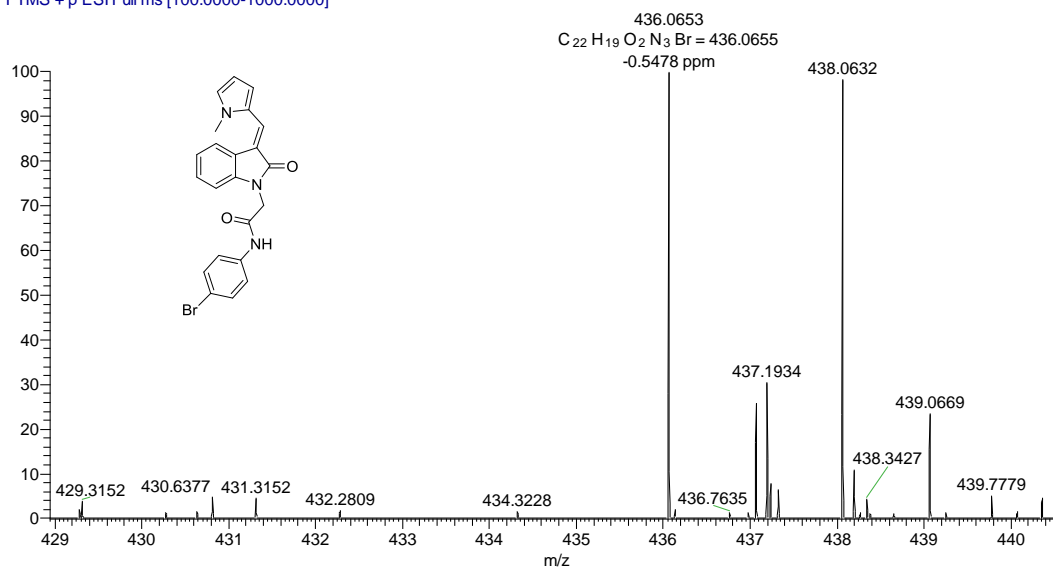


### <sup>13</sup>C NMR of compound **7f**

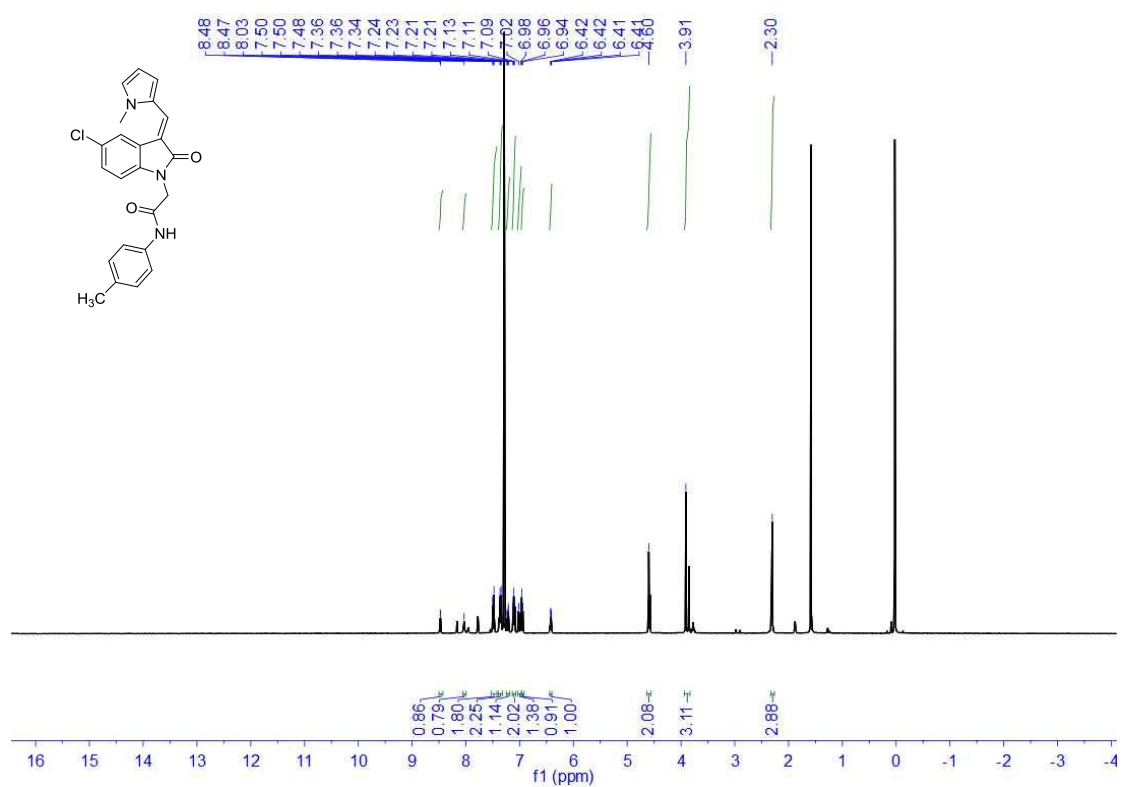


### HRMS of compound **7f**

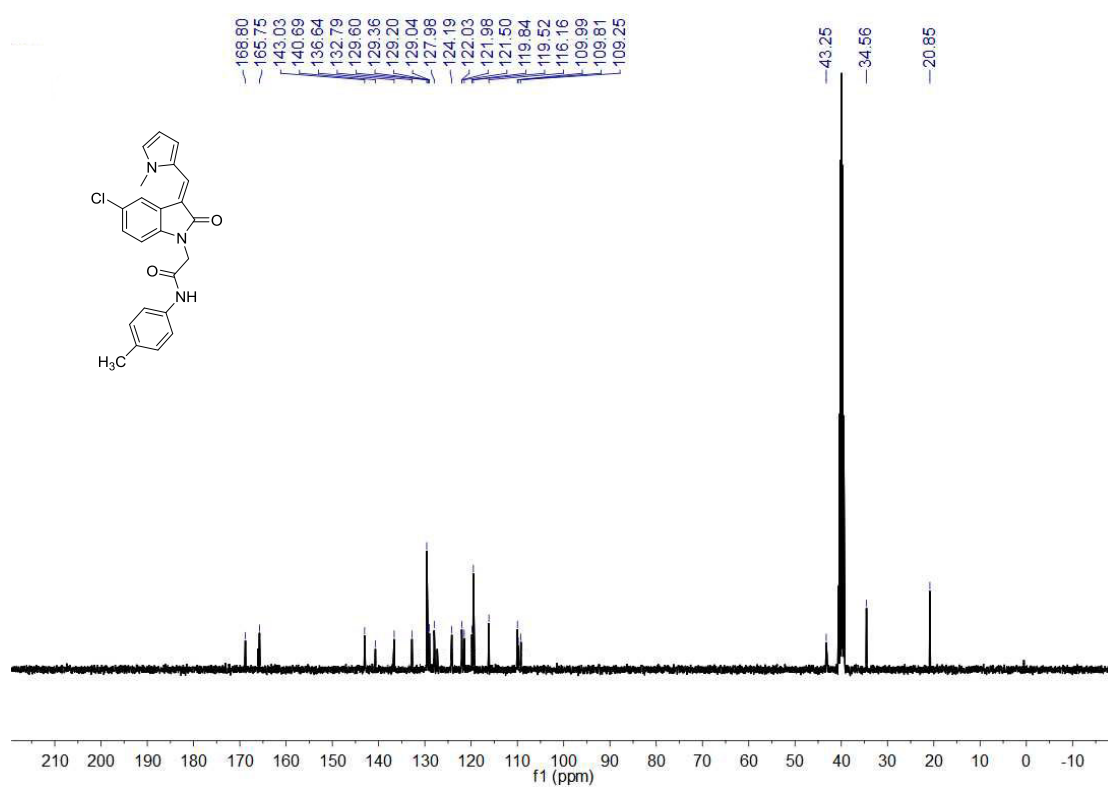
2019031563 #95 RT: 0.93 AV: 1 NL: 3.93E6  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



# <sup>1</sup>H NMR of compound 7g

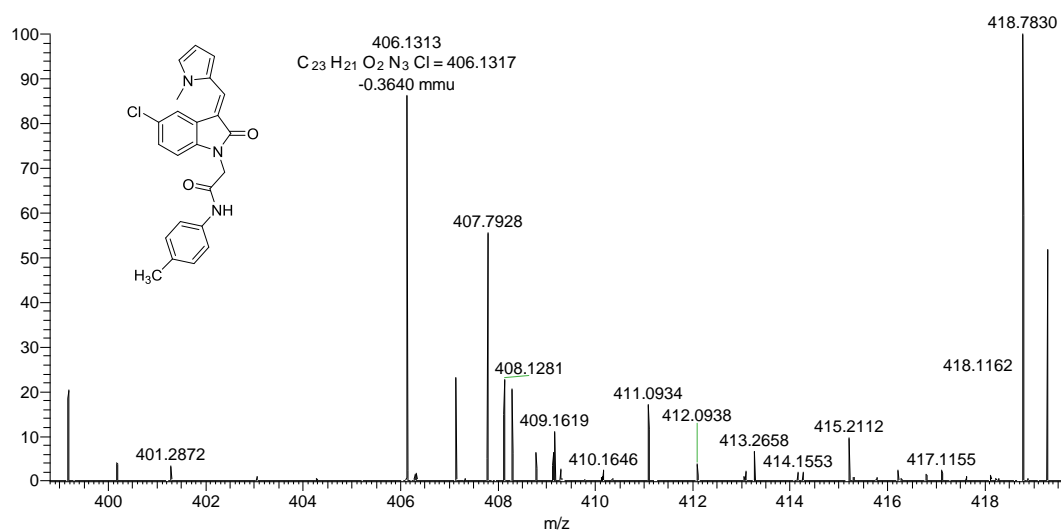


# <sup>13</sup>C NMR of compound 7g

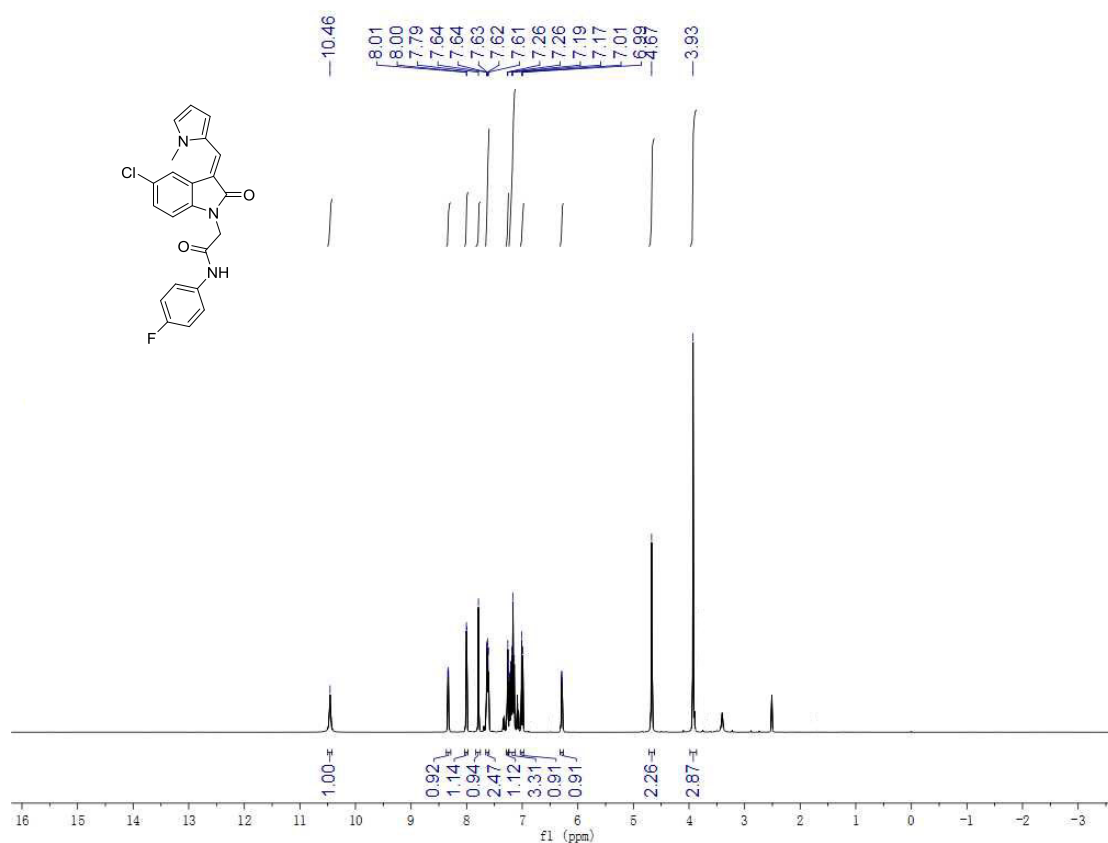


## HRMS of compound **7g**

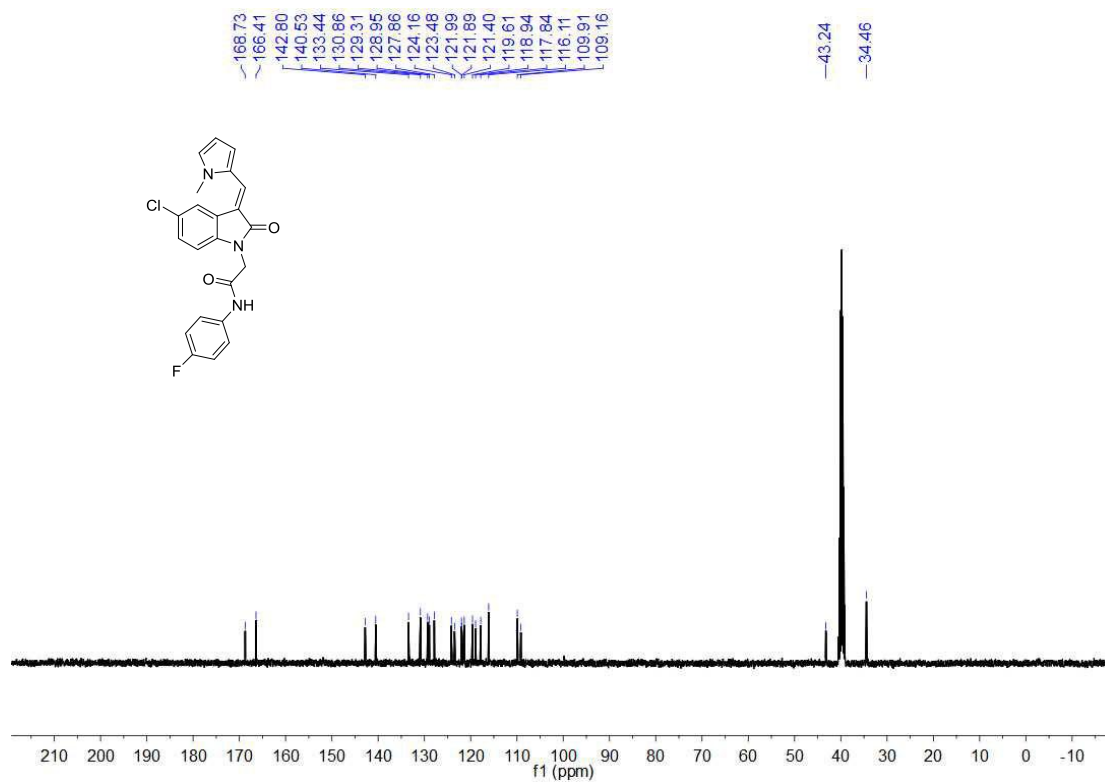
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T: FTMS + p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound **7h**

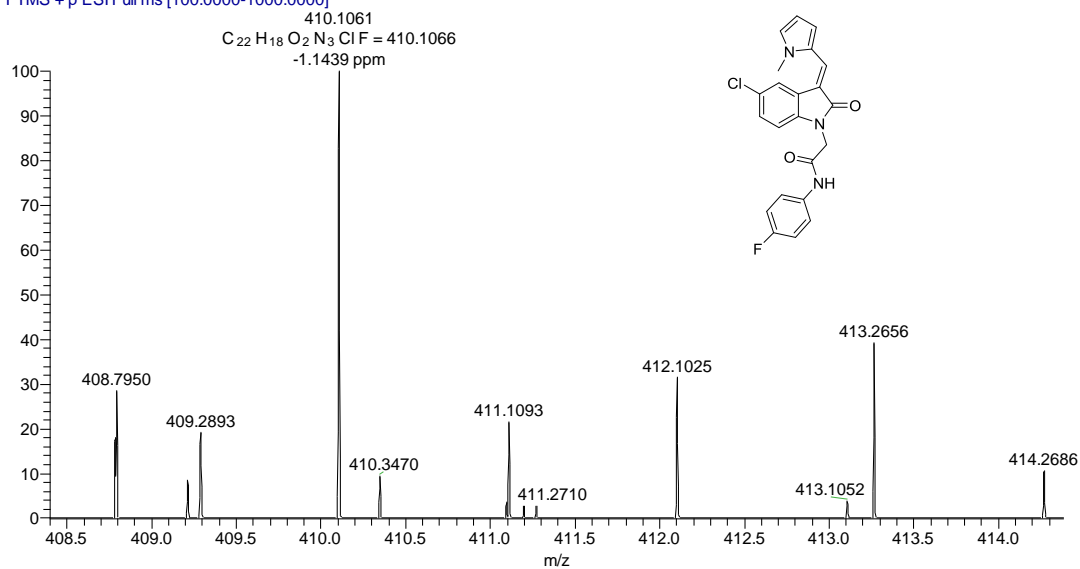


### <sup>13</sup>C NMR of compound **7h**

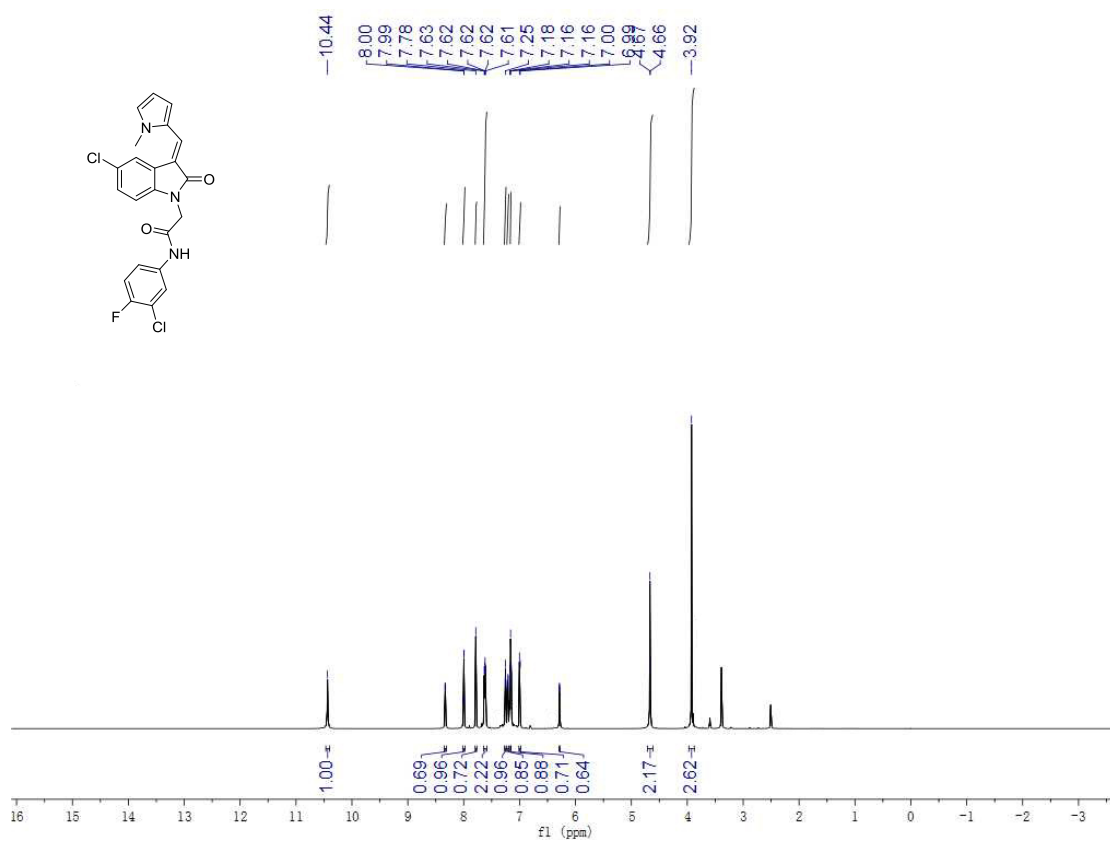


### HRMS of compound **7h**

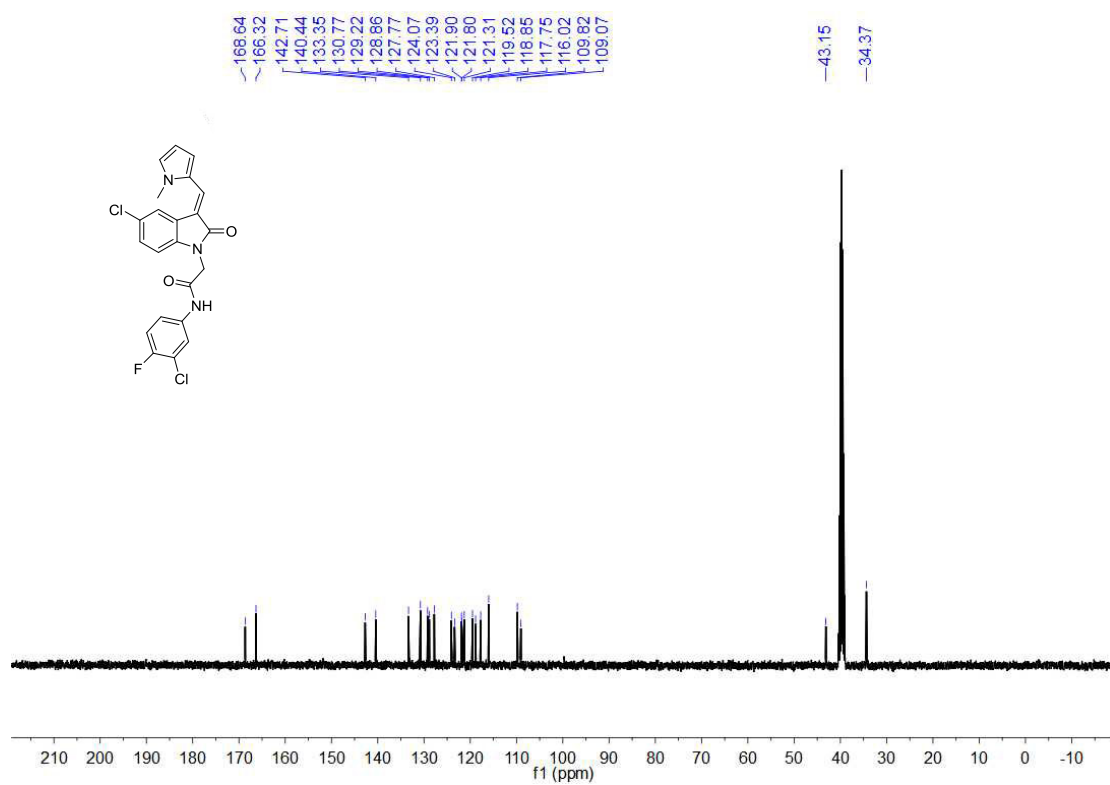
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T: FTMS + p ESI Full ms [100.0000-1000.0000]



### <sup>1</sup>H NMR of compound **7i**

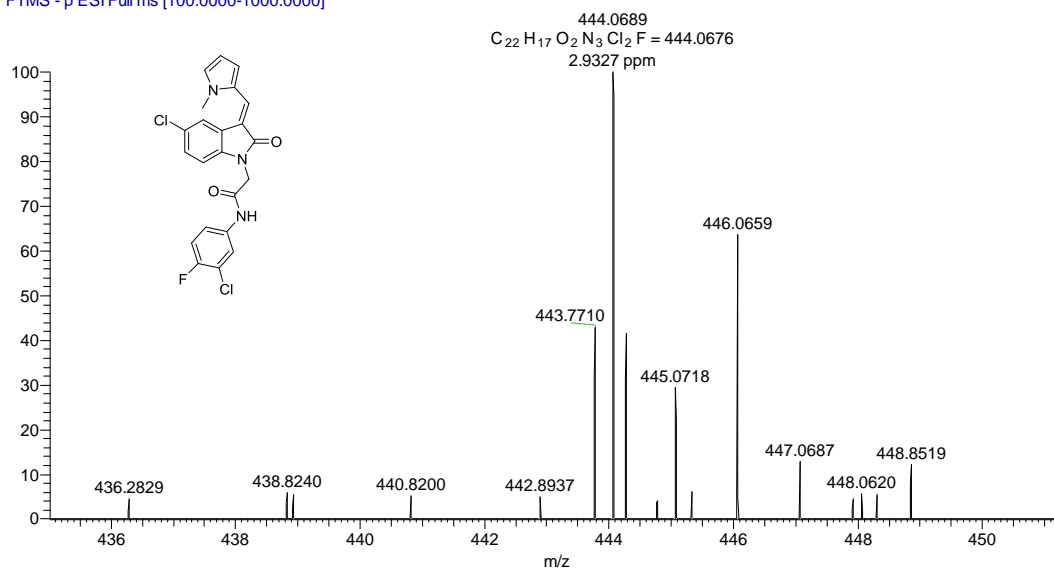


### <sup>13</sup>C NMR of compound **7i**

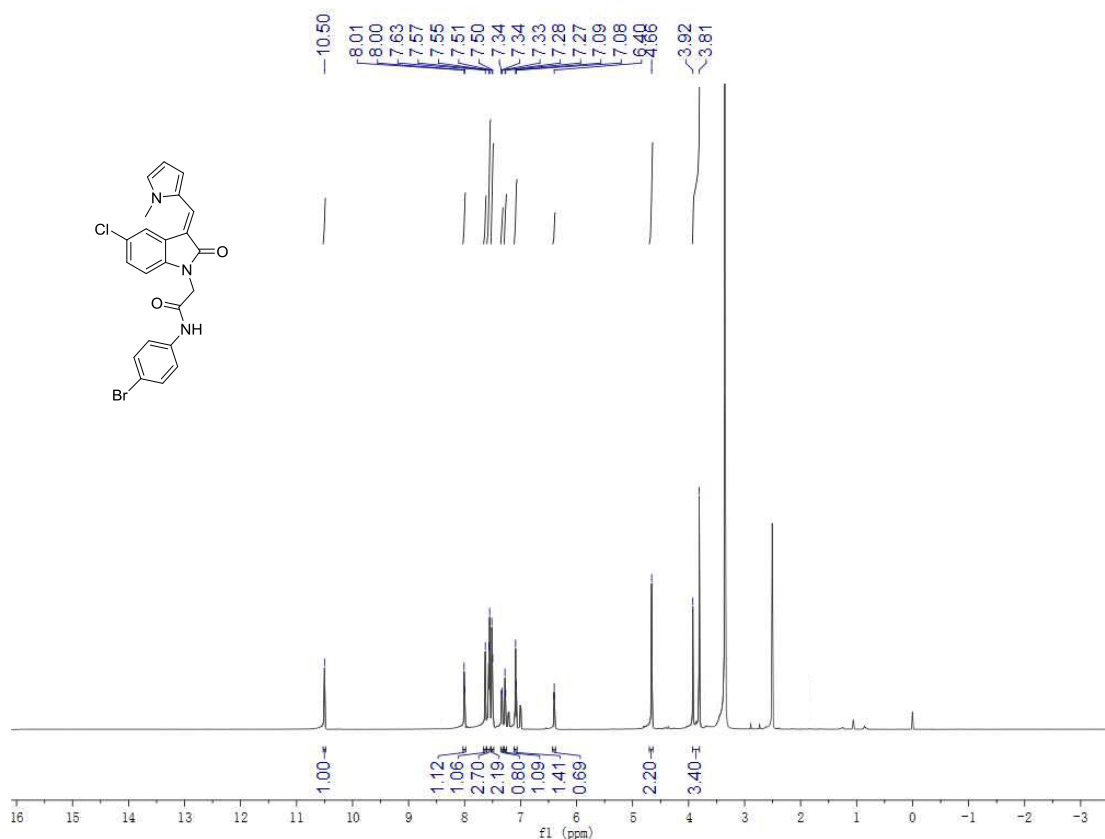


## HRMS of compound **7i**

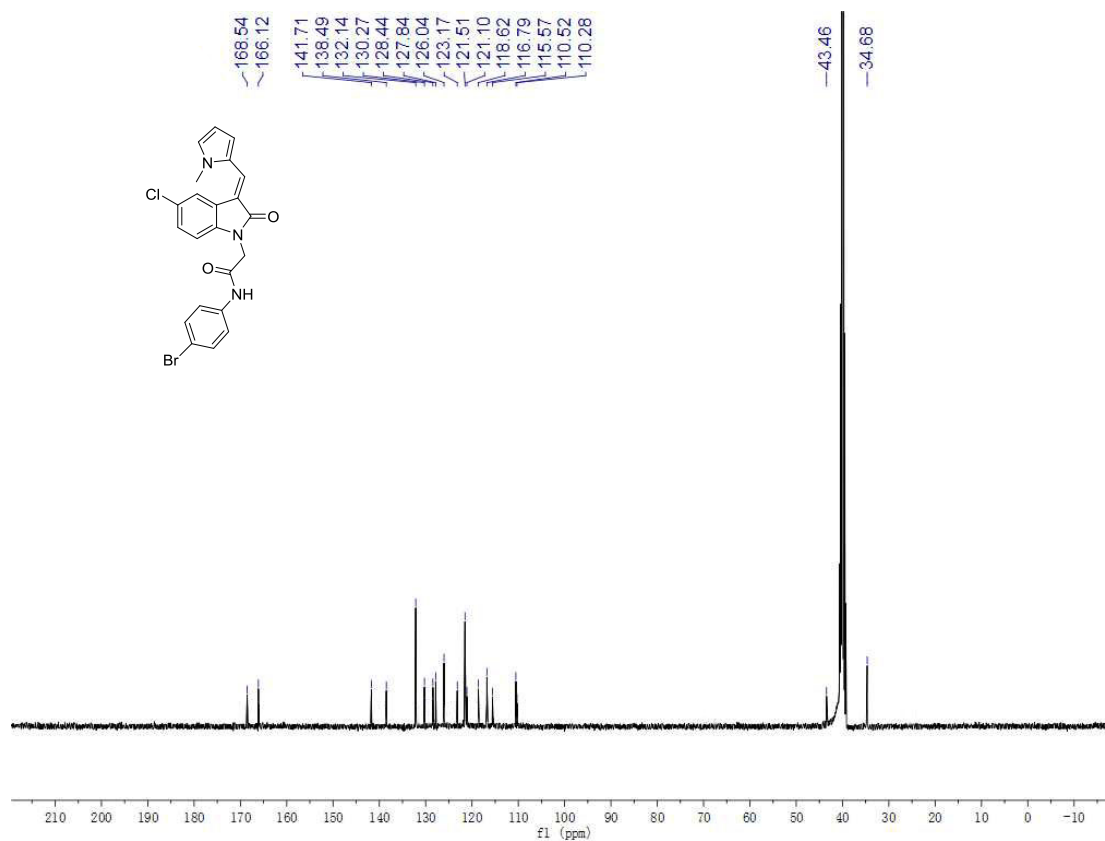
2019031567 #120 RT: 1.18 AV: 1 NL: 1.36E5  
T: FTMS - p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound **7j**

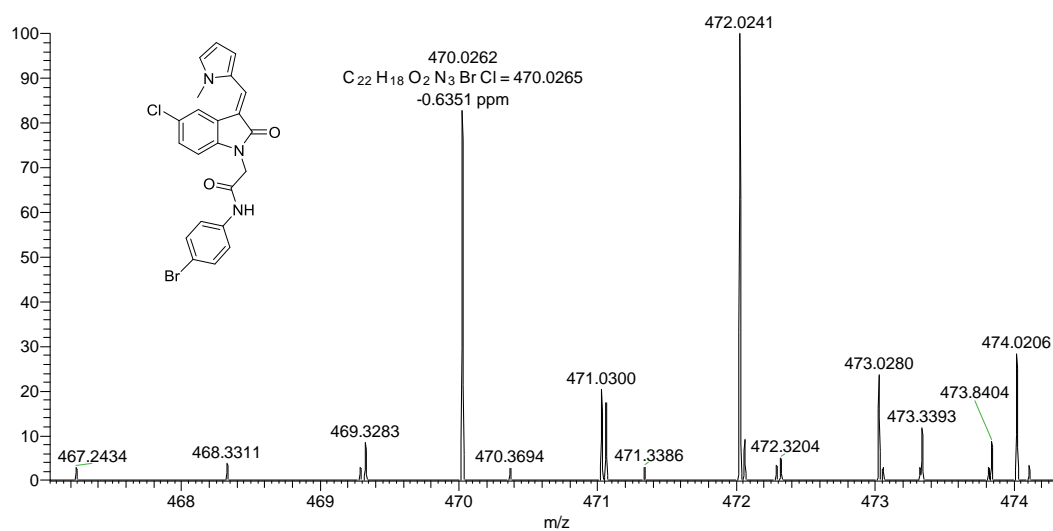


### <sup>13</sup>C NMR of compound 7j

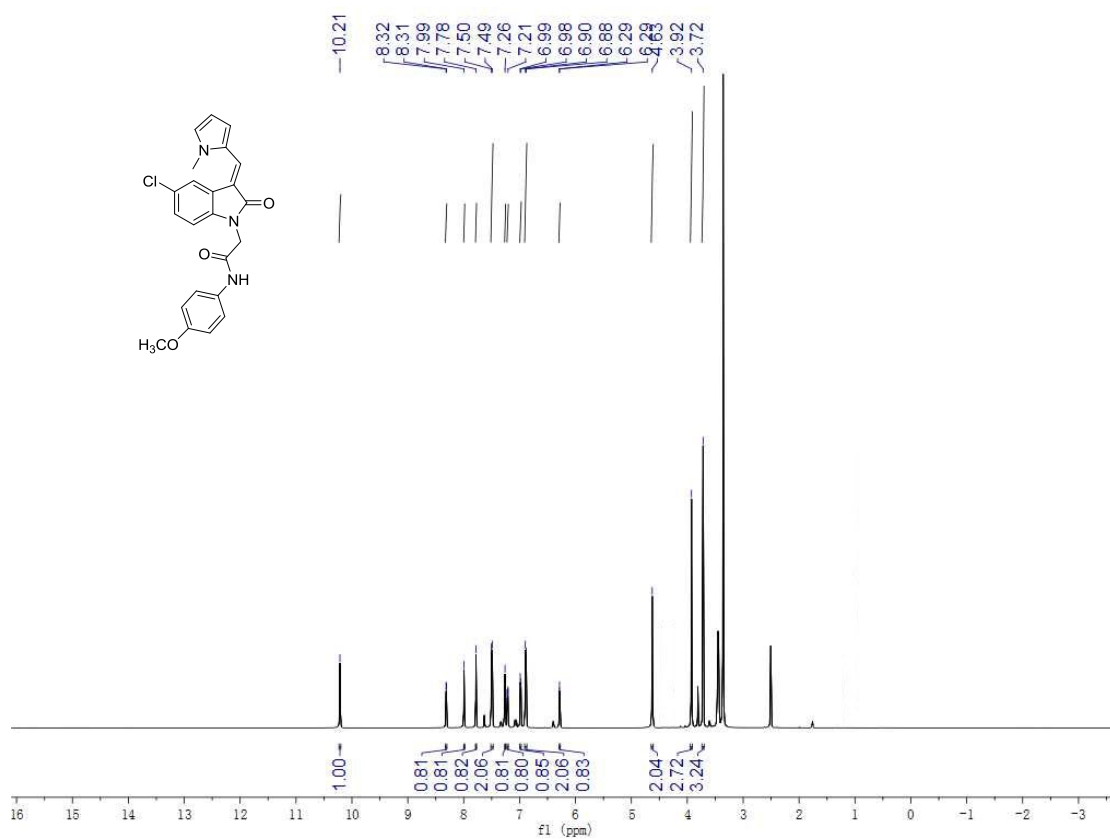


### HRMS of compound 7j

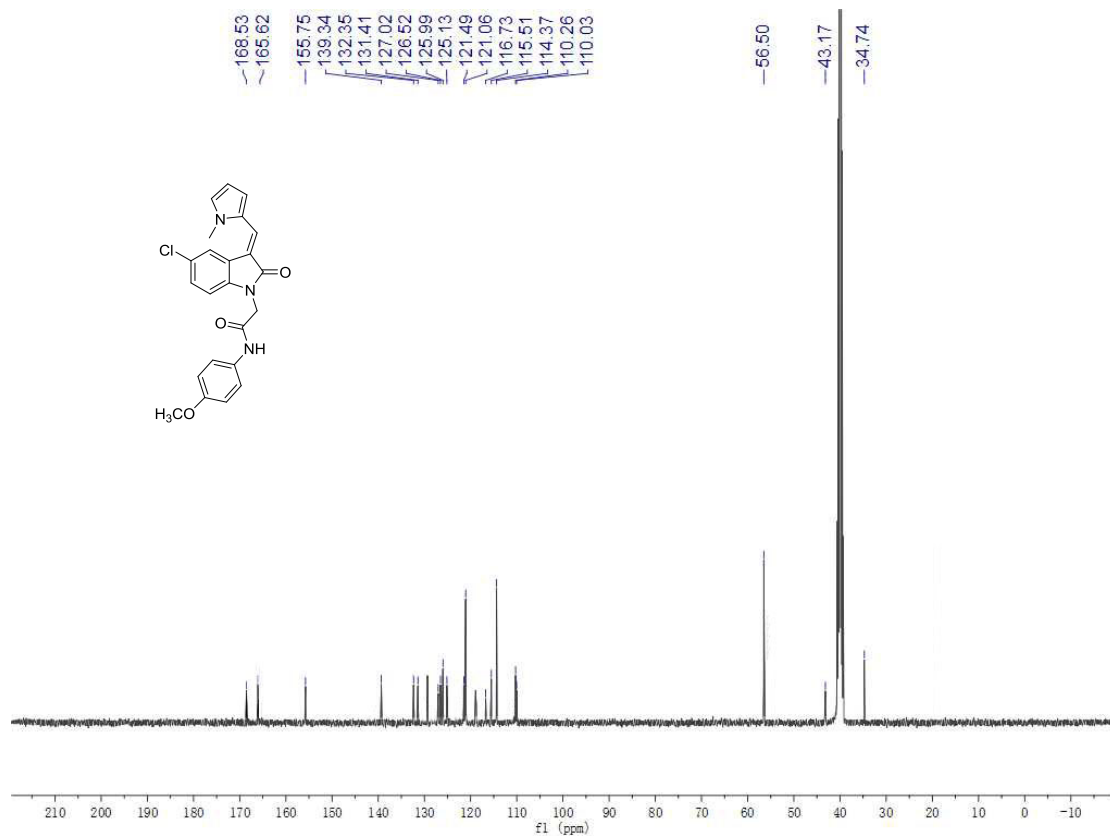
2019031569 #91 RT: 0.89 AV: 1 NL: 2.00E6  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



### <sup>1</sup>H NMR of compound **7k**

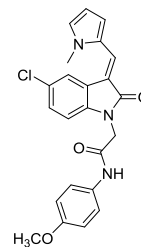
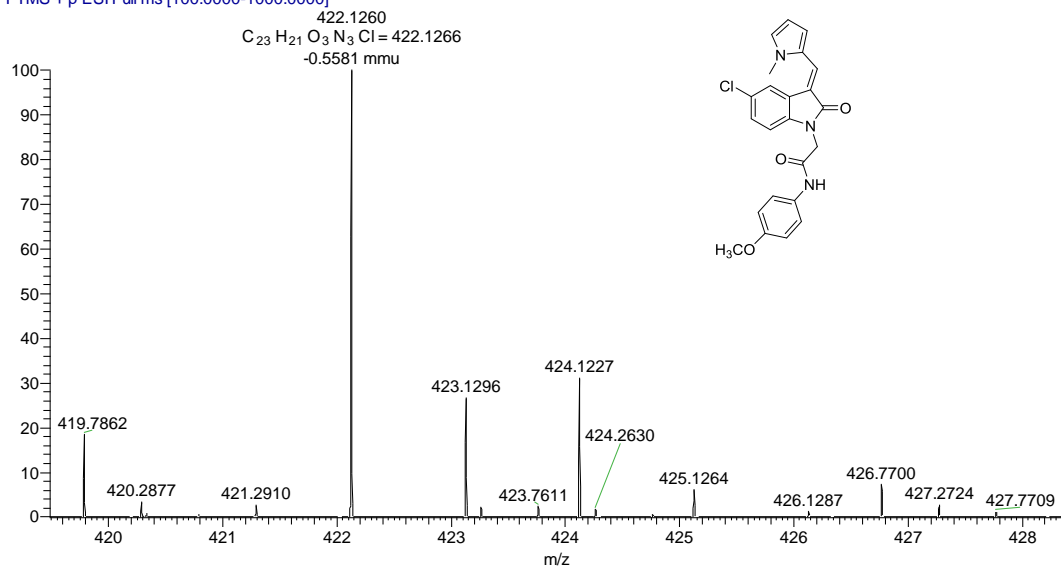


### <sup>13</sup>C NMR of compound **7k**

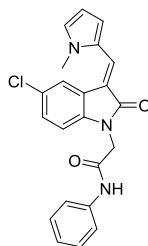
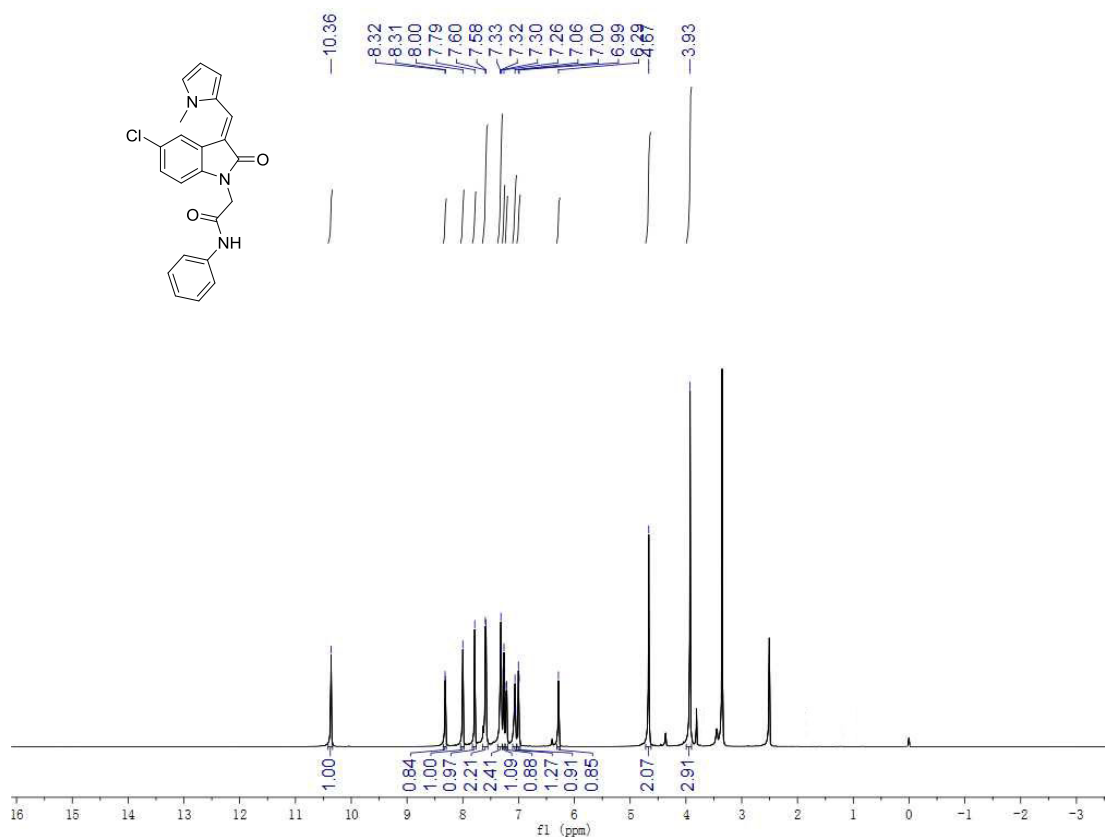


# HRMS of compound 7k

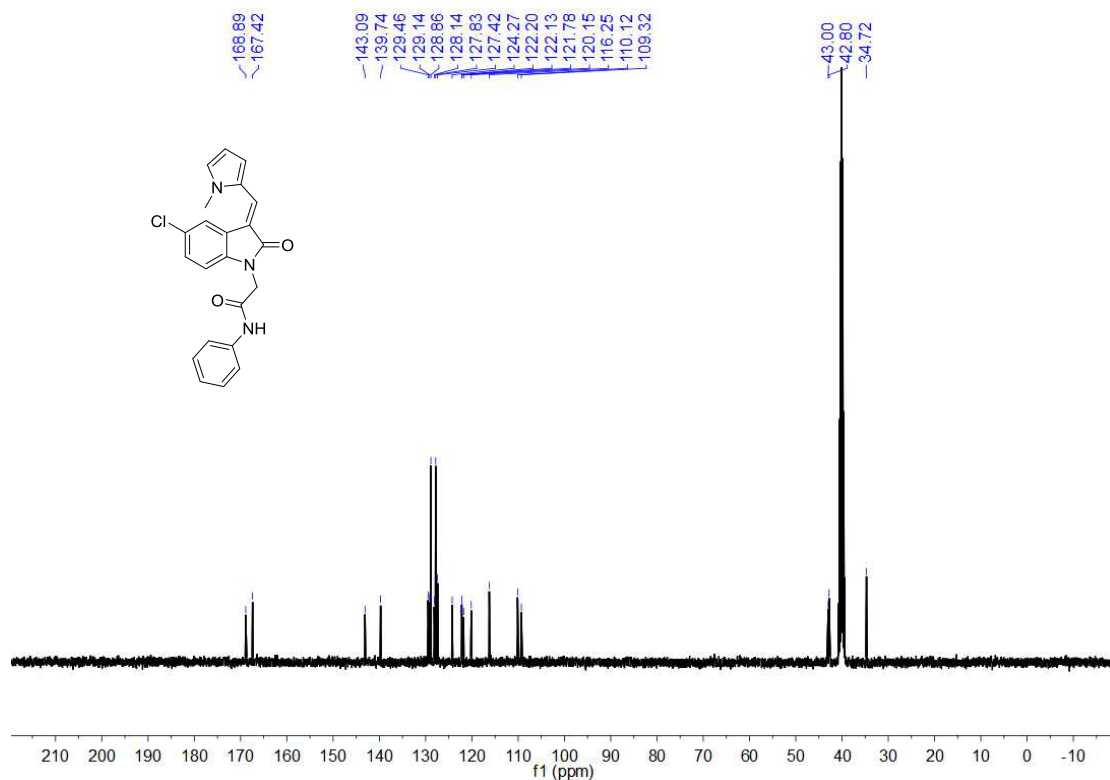
2019031570 #79 RT: 0.78 AV: 1 NL: 1.07E7  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



# <sup>1</sup>H NMR of compound 7l

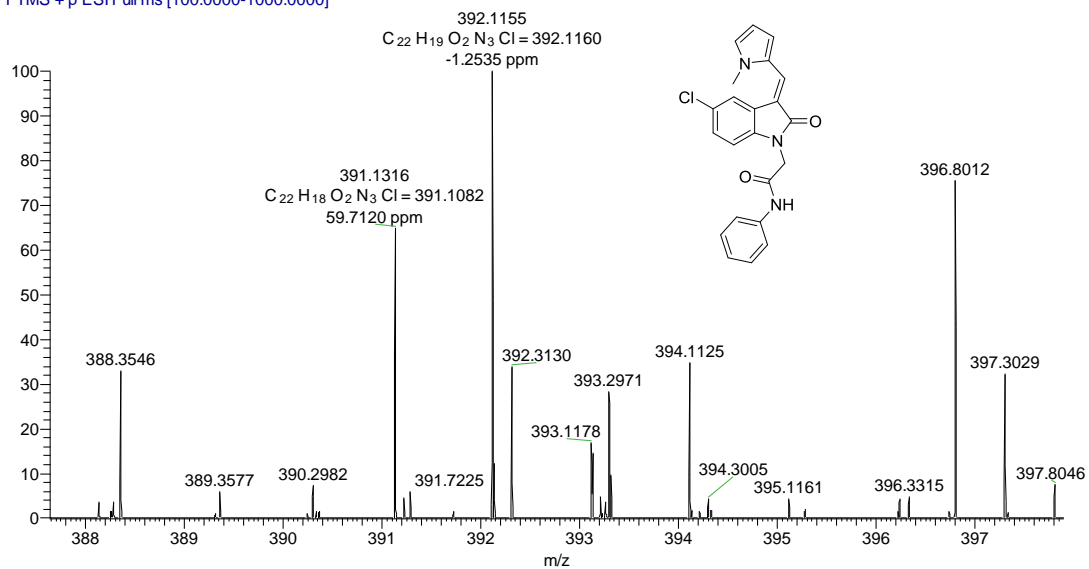


# <sup>13</sup>C NMR of compound **71**

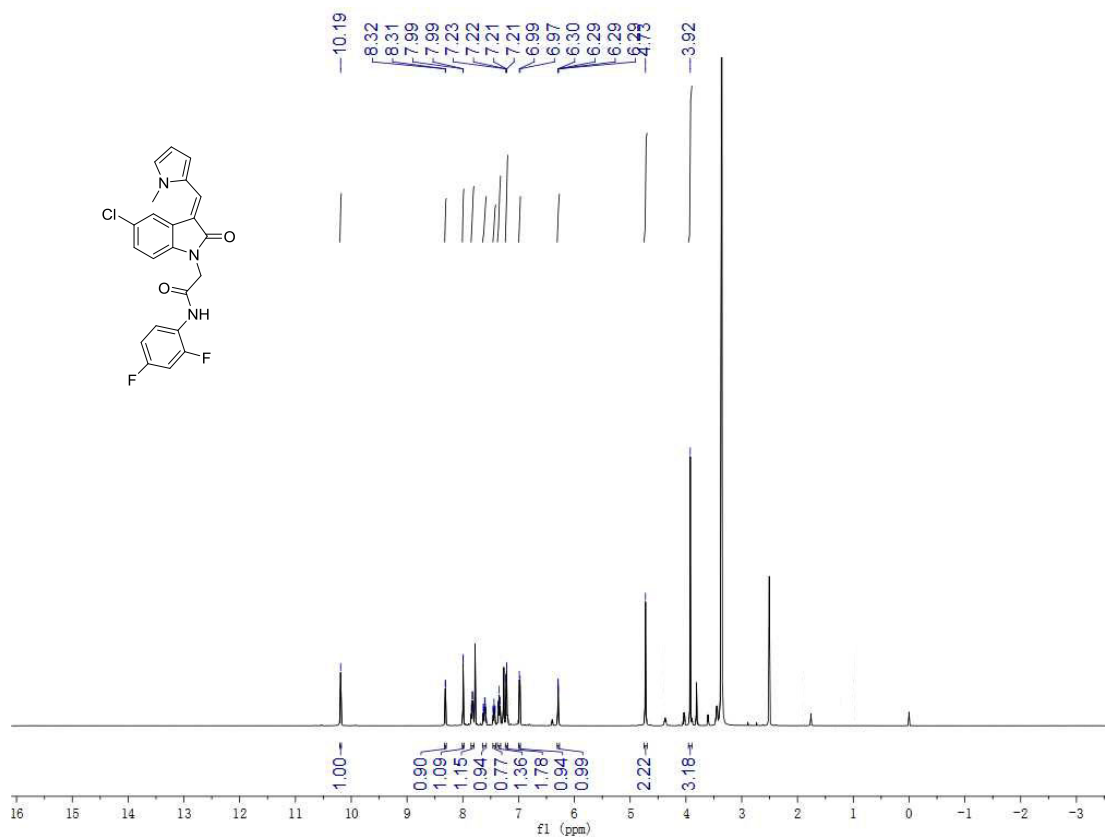


# HRMS of compound **71**

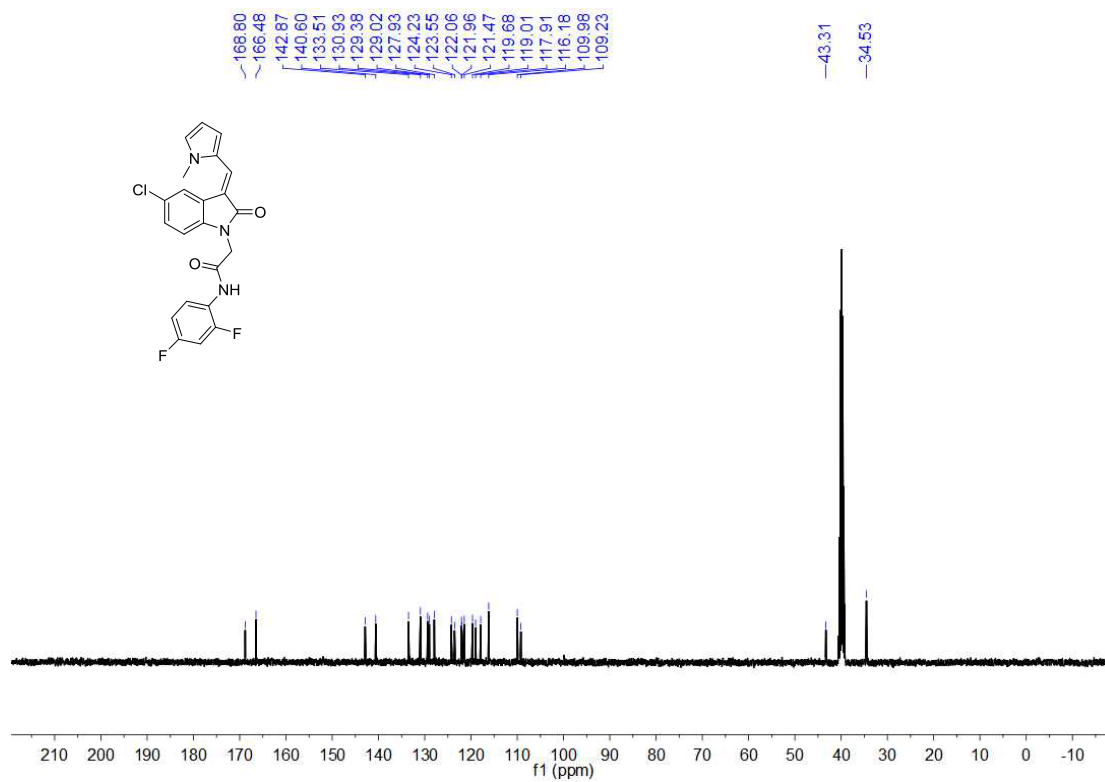
2019031571 #93 RT: 0.91 AV: 1 NL: 3.75E6  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



### $^1\text{H}$ NMR of compound **7m**

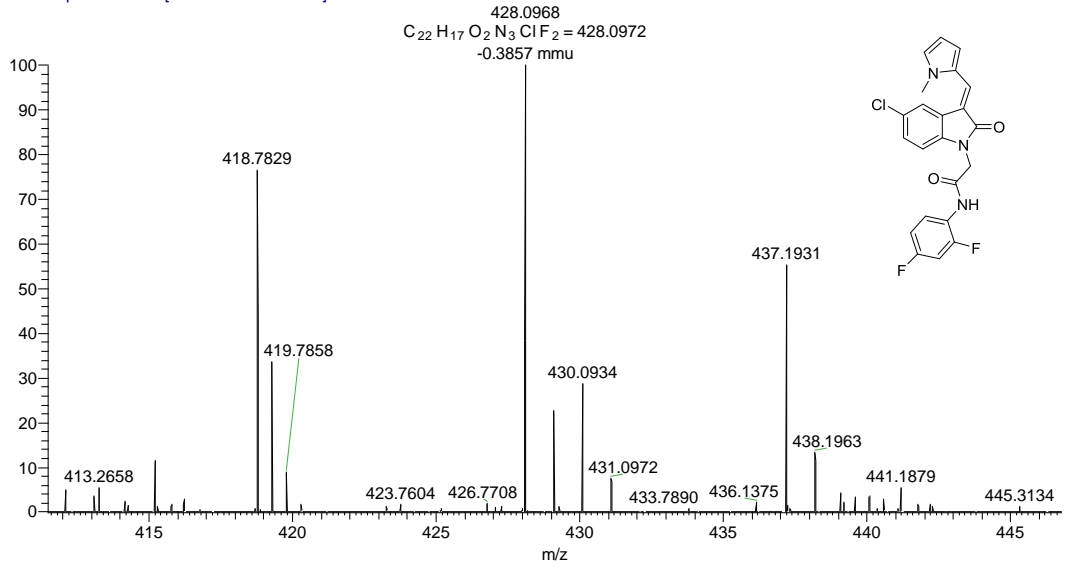


### $^{13}\text{C}$ NMR of compound **7m**

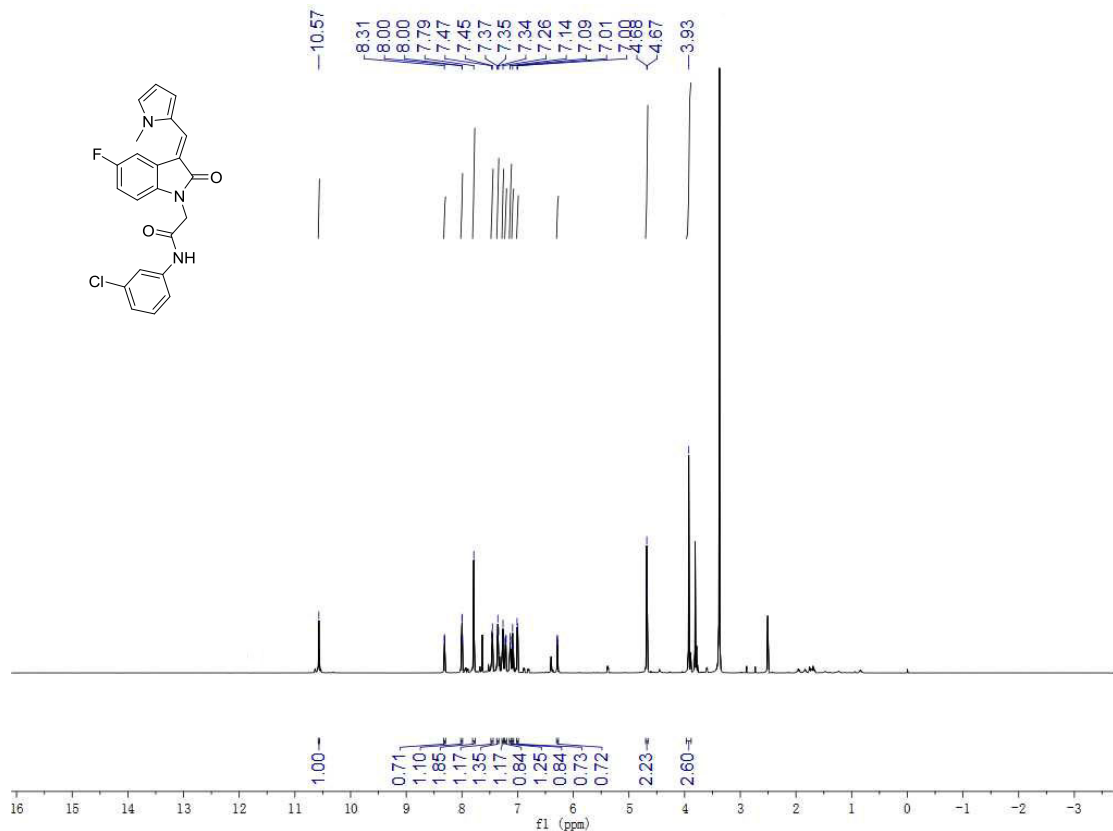


## HRMS of compound **7m**

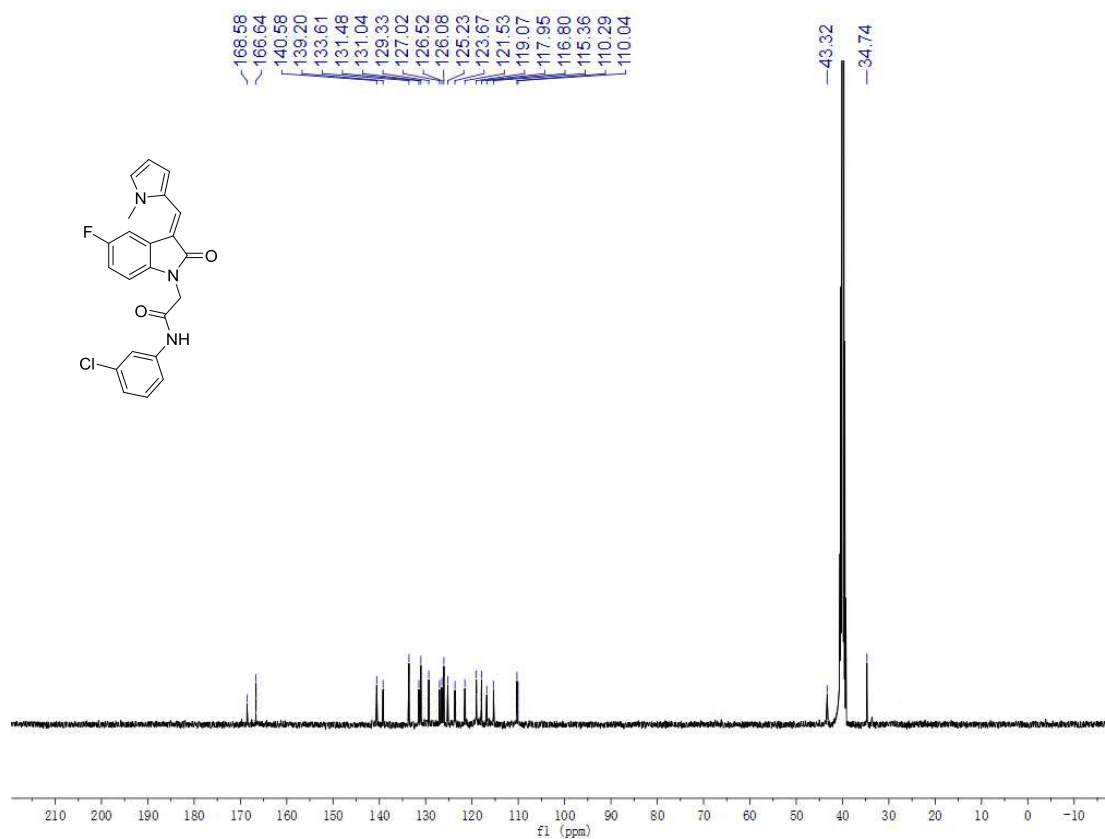
2019031572 #81 RT: 0.79 AV: 1 NL: 2.07E7  
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## $^1H$ NMR of compound **7n**

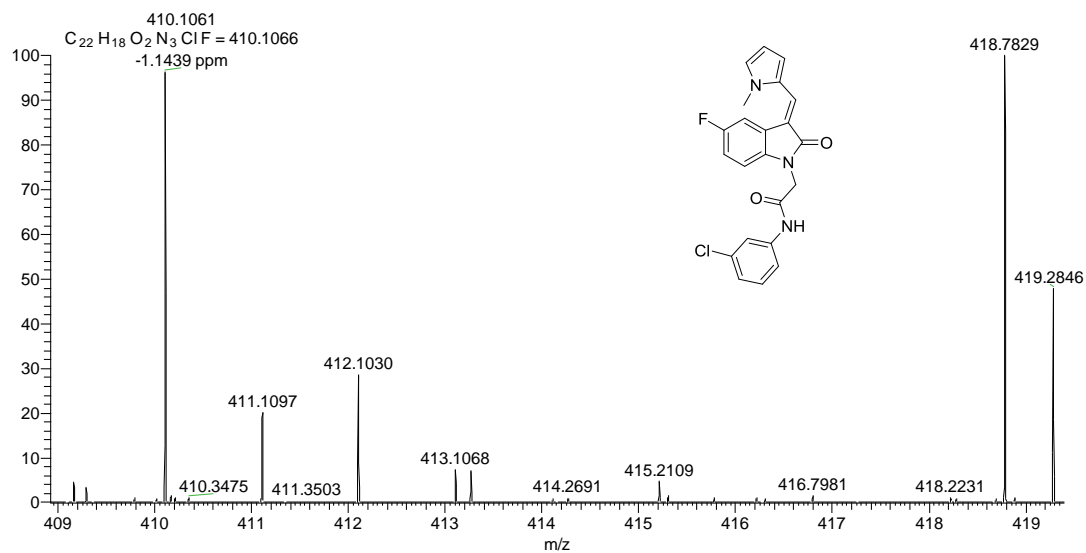


### <sup>13</sup>C NMR of compound **7n**

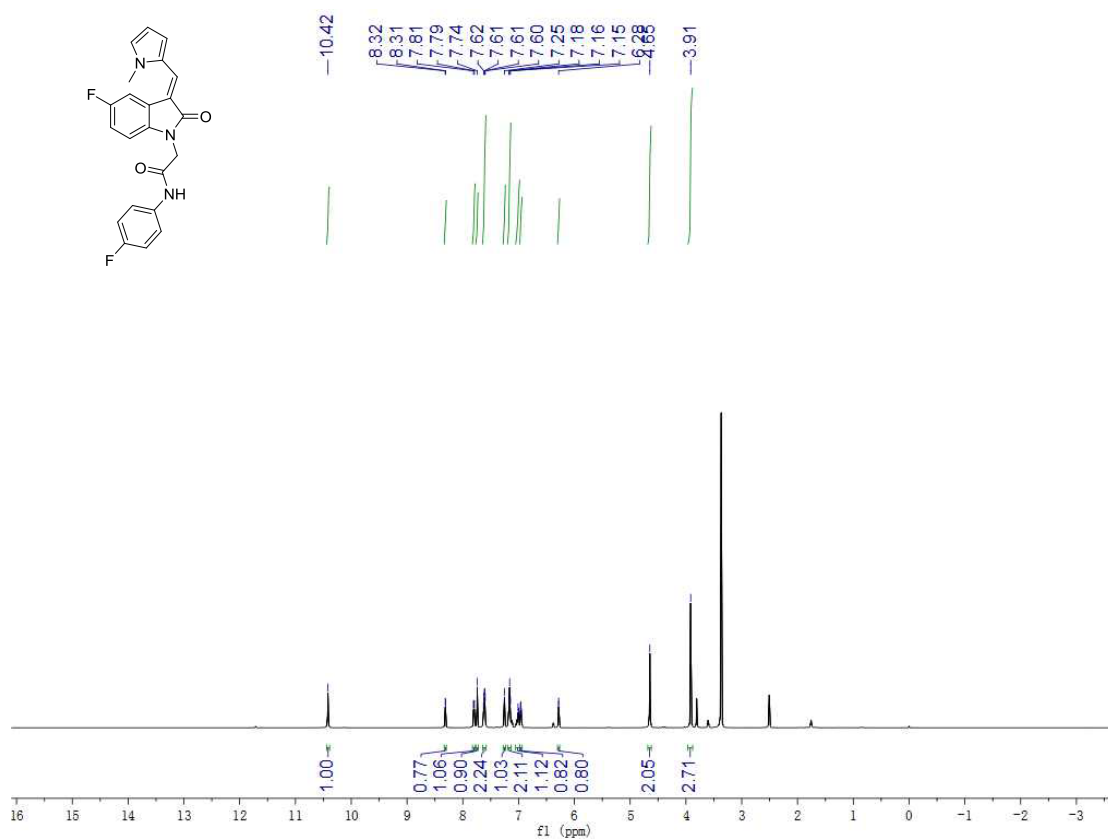


### HRMS of compound **7n**

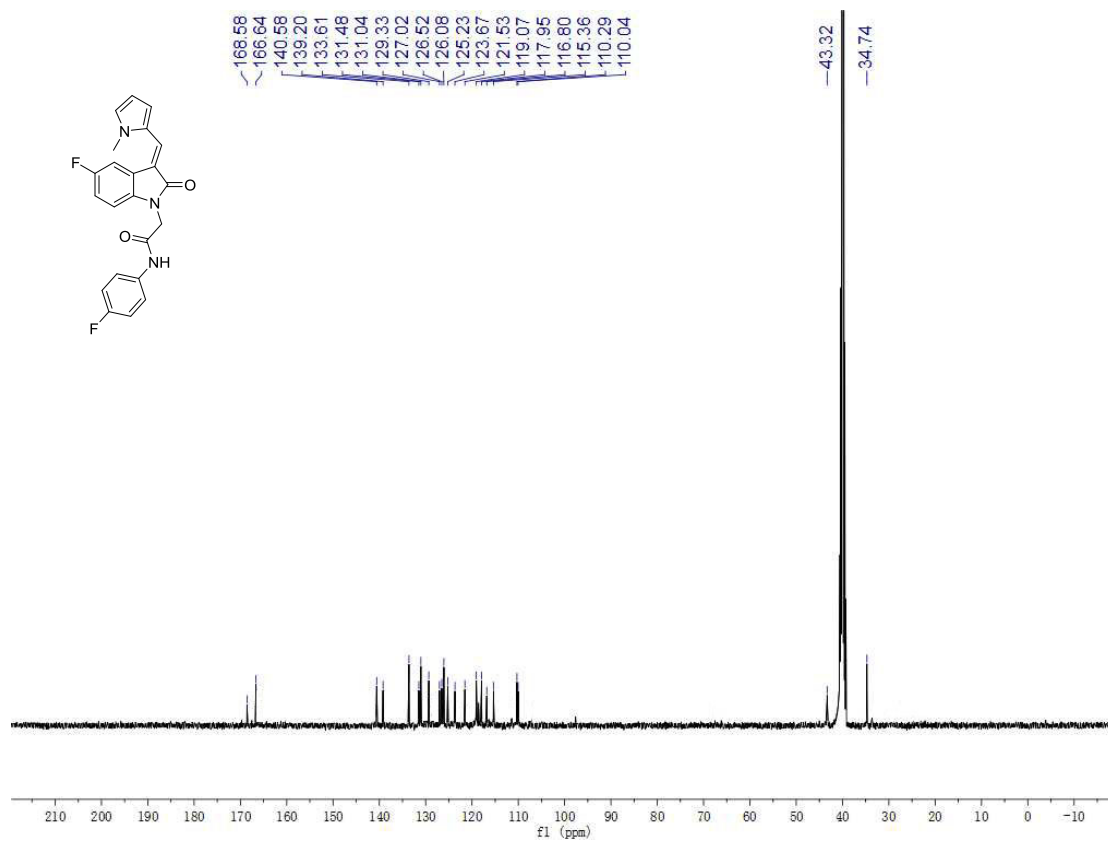
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### $^1\text{H}$ NMR of compound **7o**

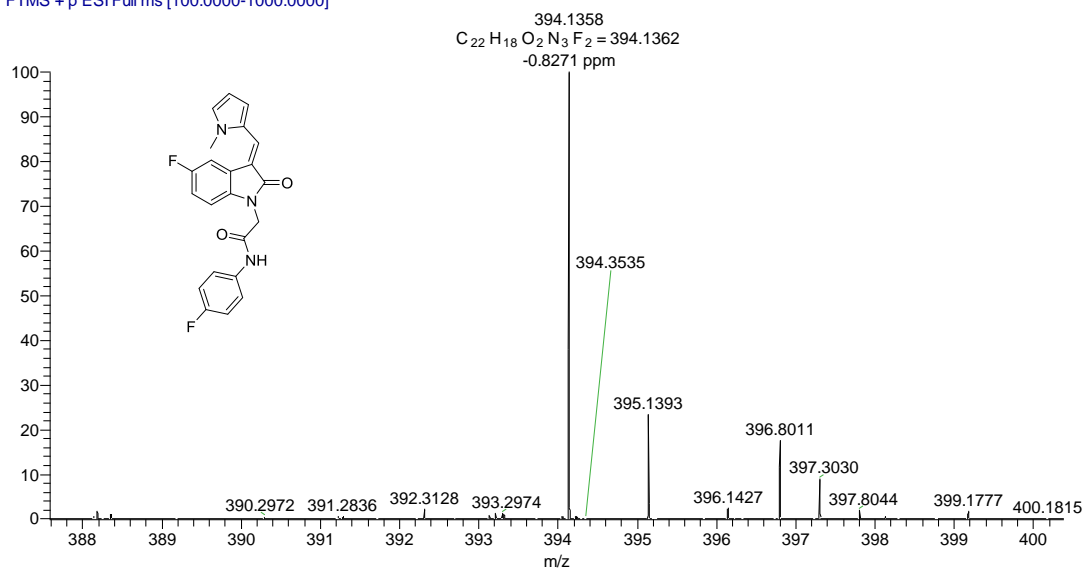


### $^{13}\text{C}$ NMR of compound **7o**

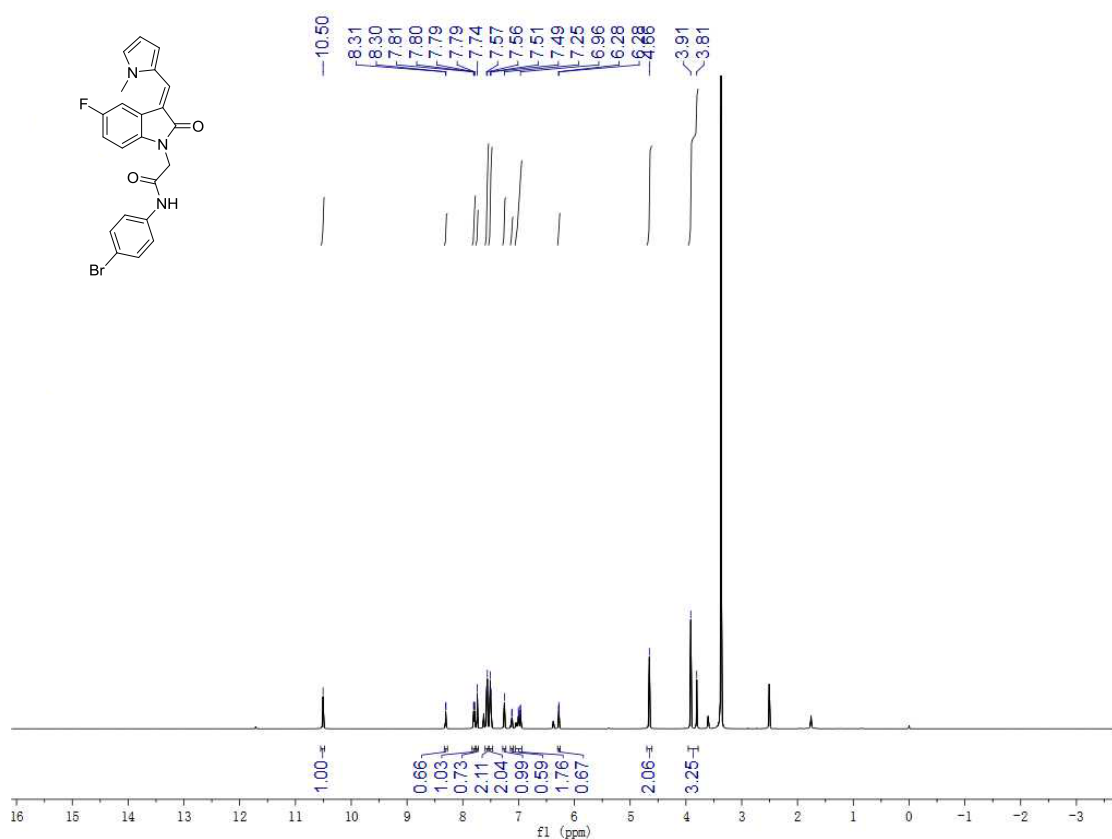


## HRMS of compound 7o

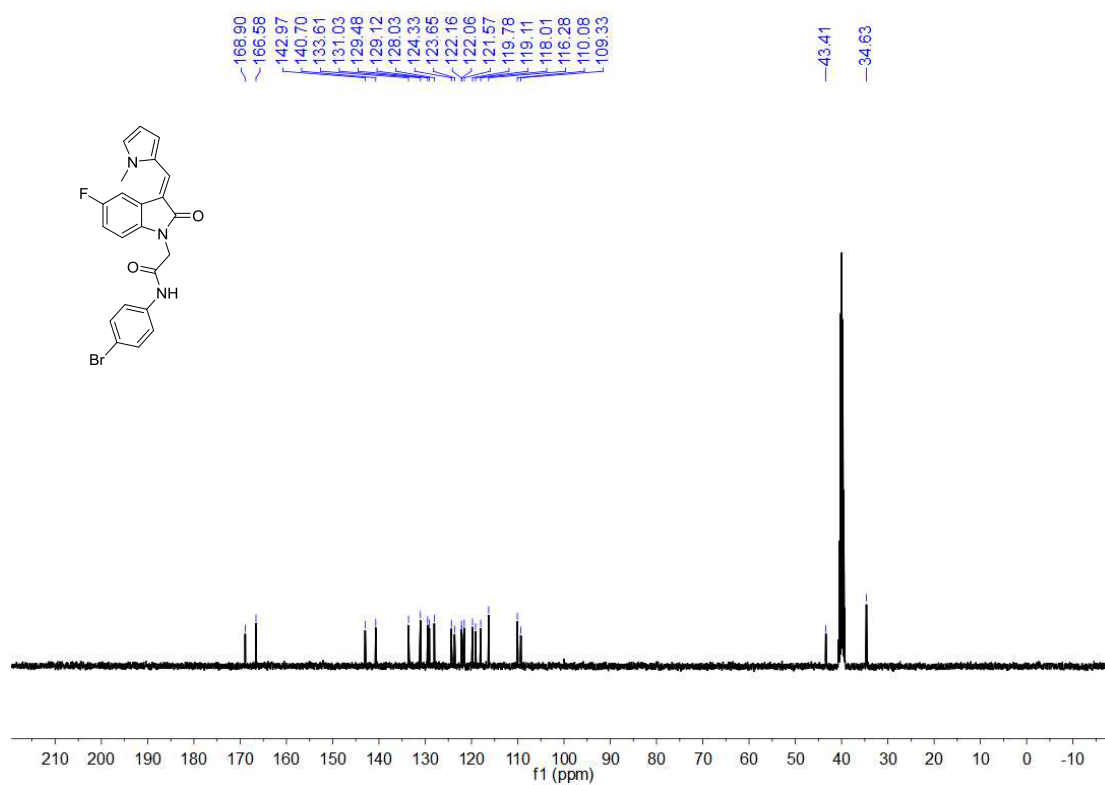
2019031574 #73 RT: 0.72 AV: 1 NL: 2.89E7  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



## <sup>1</sup>H NMR of compound 7p

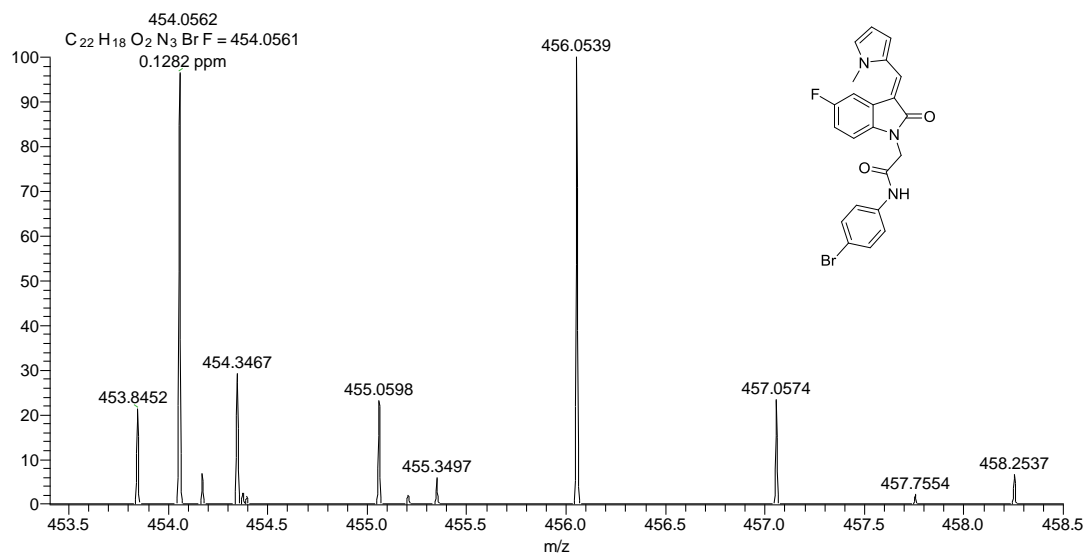


### <sup>13</sup>C NMR of compound 7p

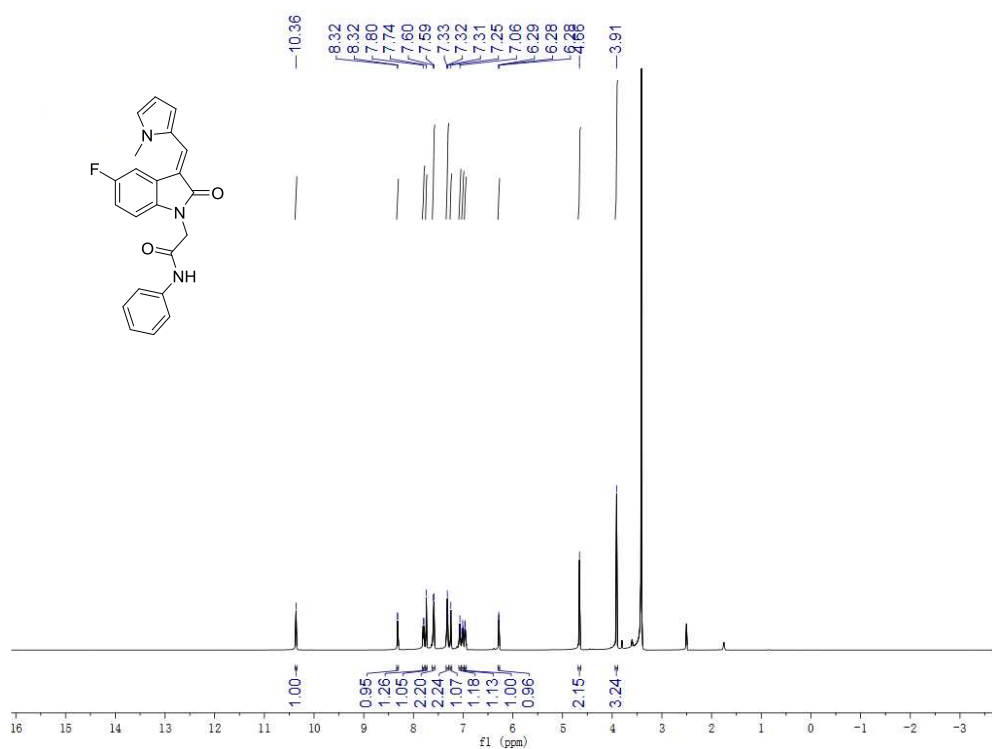


### HRMS of compound 7p

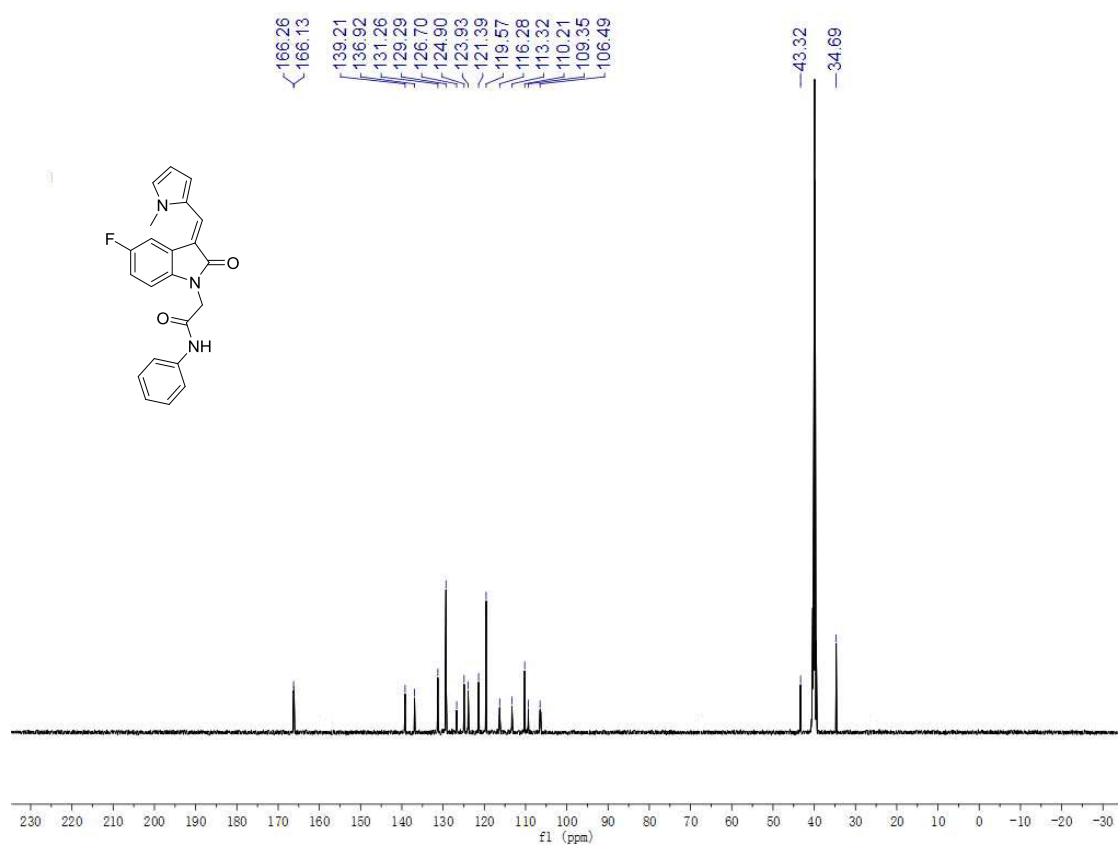
2019031575 #77 RT: 0.77 AV: 1 NL: 1.23E6  
T: FTMS + p ESI Full ms [100.0000-1000.0000]



### $^1\text{H}$ NMR of compound **7q**



### $^{13}\text{C}$ NMR of compound **7q**



# HRMS of compound 7q

2019031576 #73 RT: 0.71 AV: 1 NL: 6.20E7  
T: FTMS + p ESI Full ms [100.0000-1000.0000]

