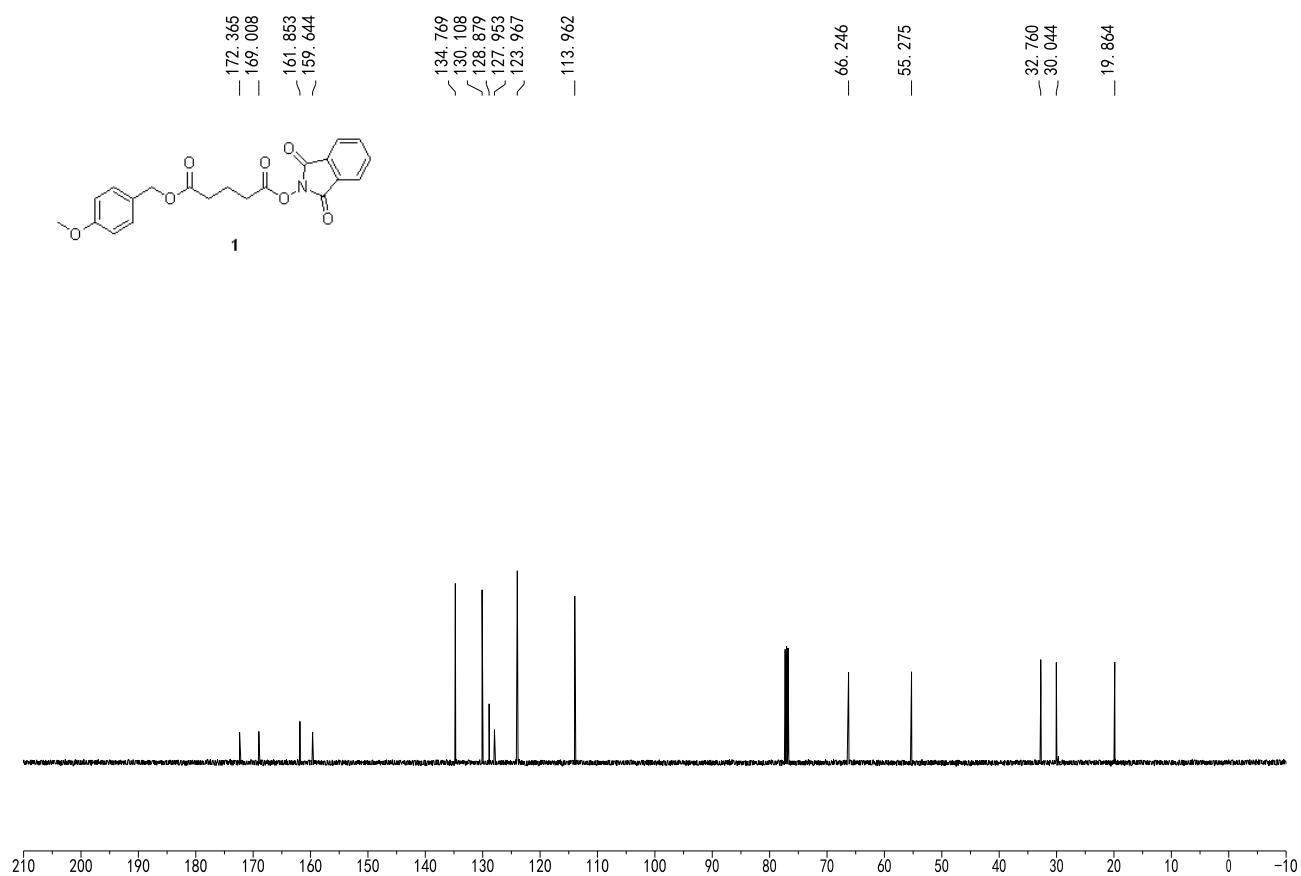
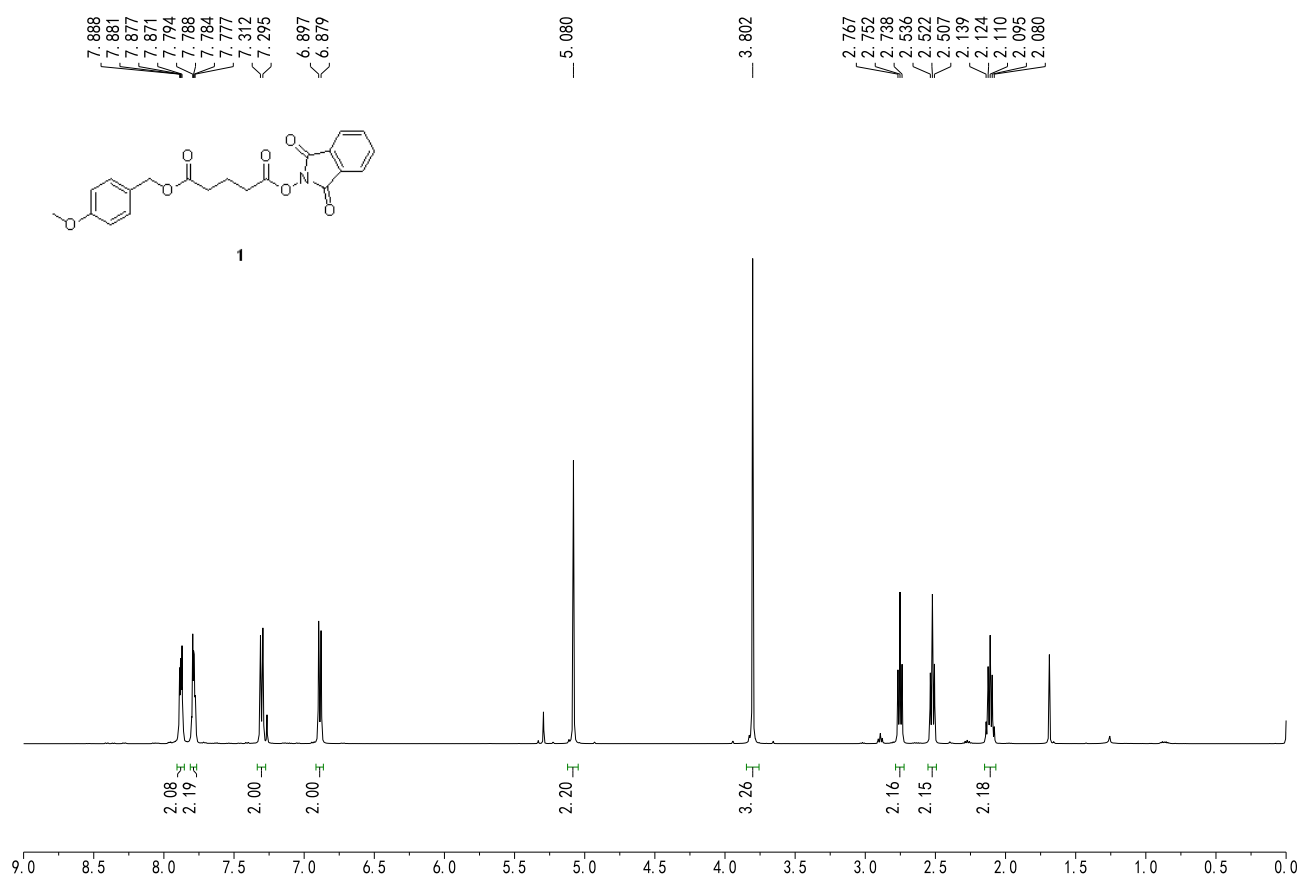


**Visible-Light-Induced Chemoselective Reductive Decarboxylative Alkynylation  
under Biomolecule-Compatible Conditions**

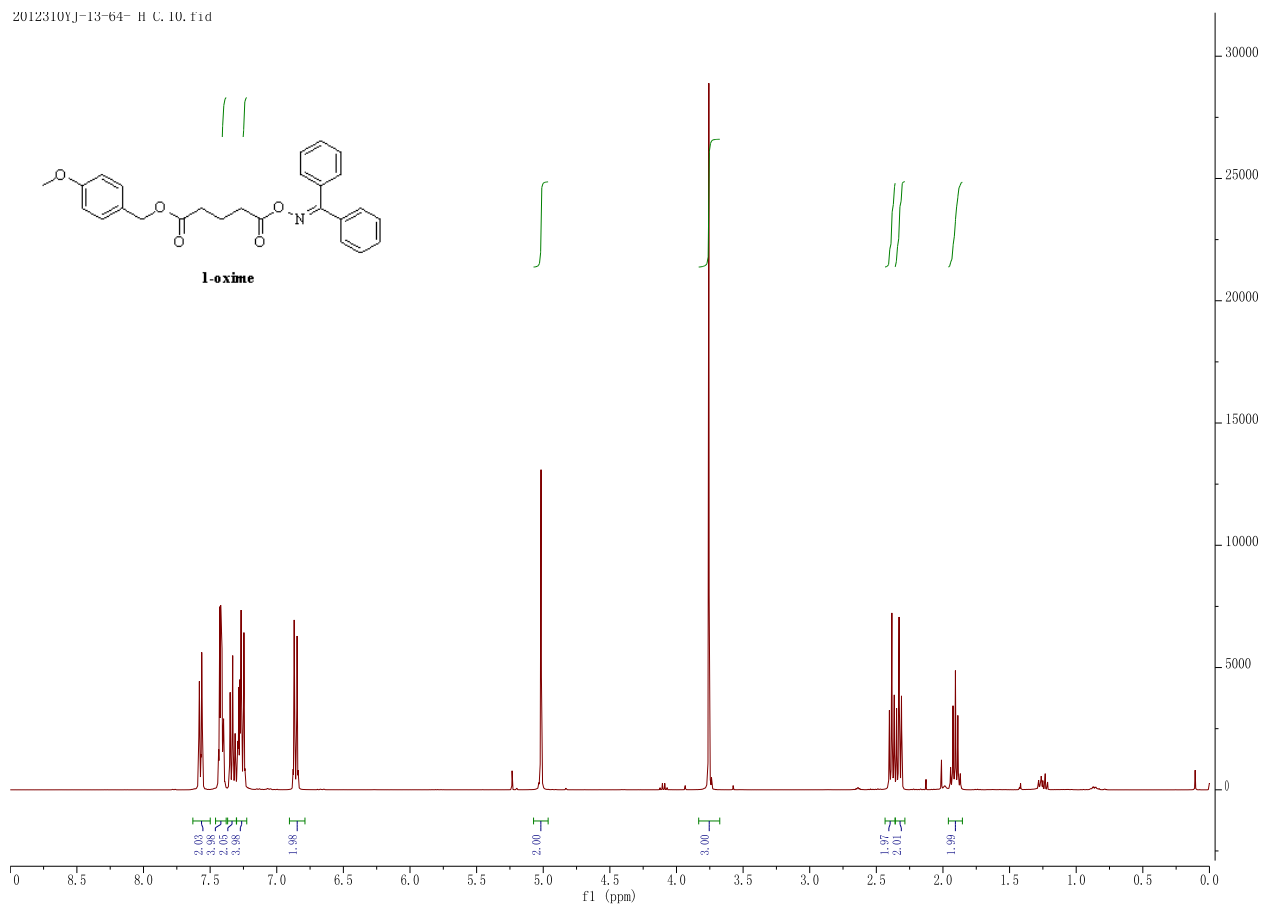
Jie Yang, Jing Zhang, Li Qi, and Yiyun Chen\*

**Supplementary Information**

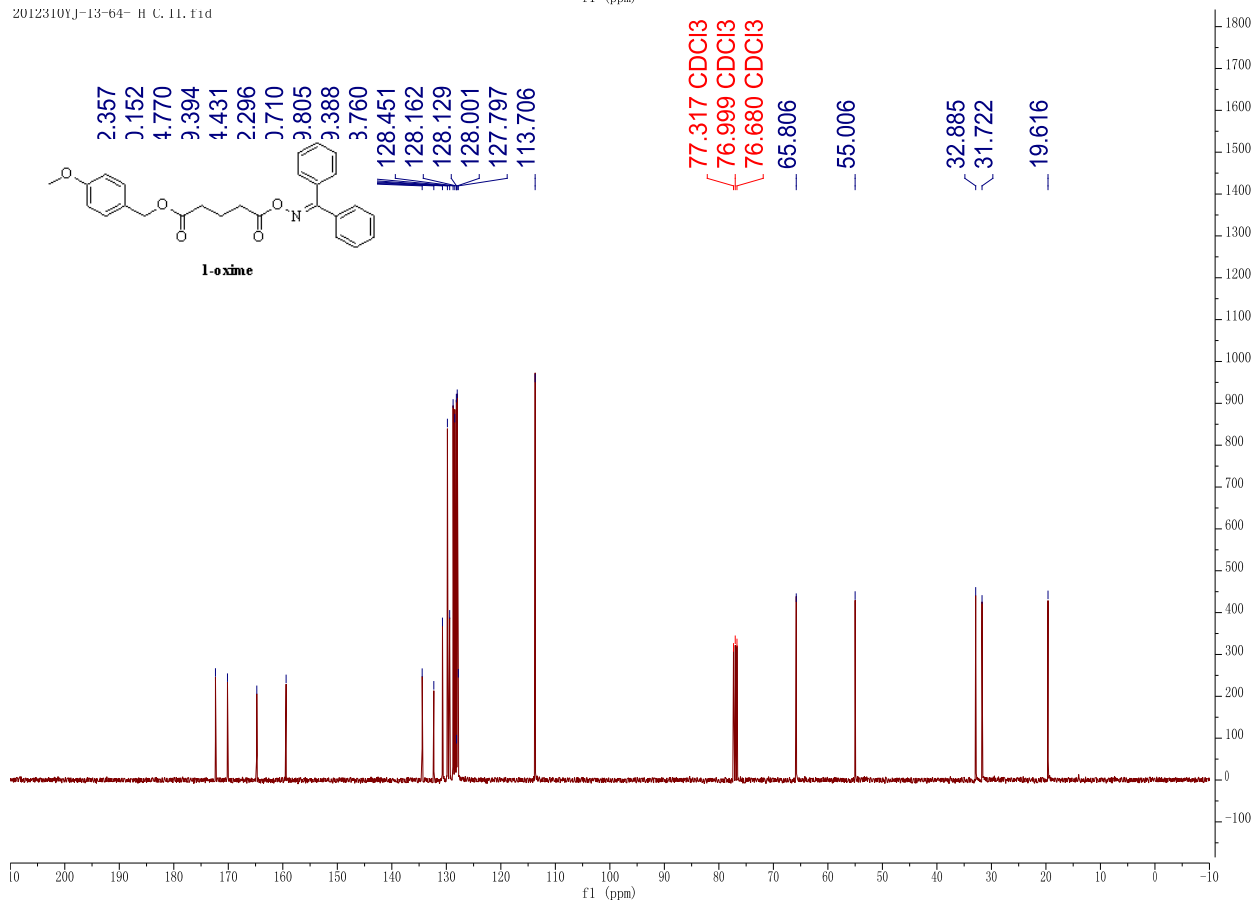
**NMR Spectra of New Compounds**

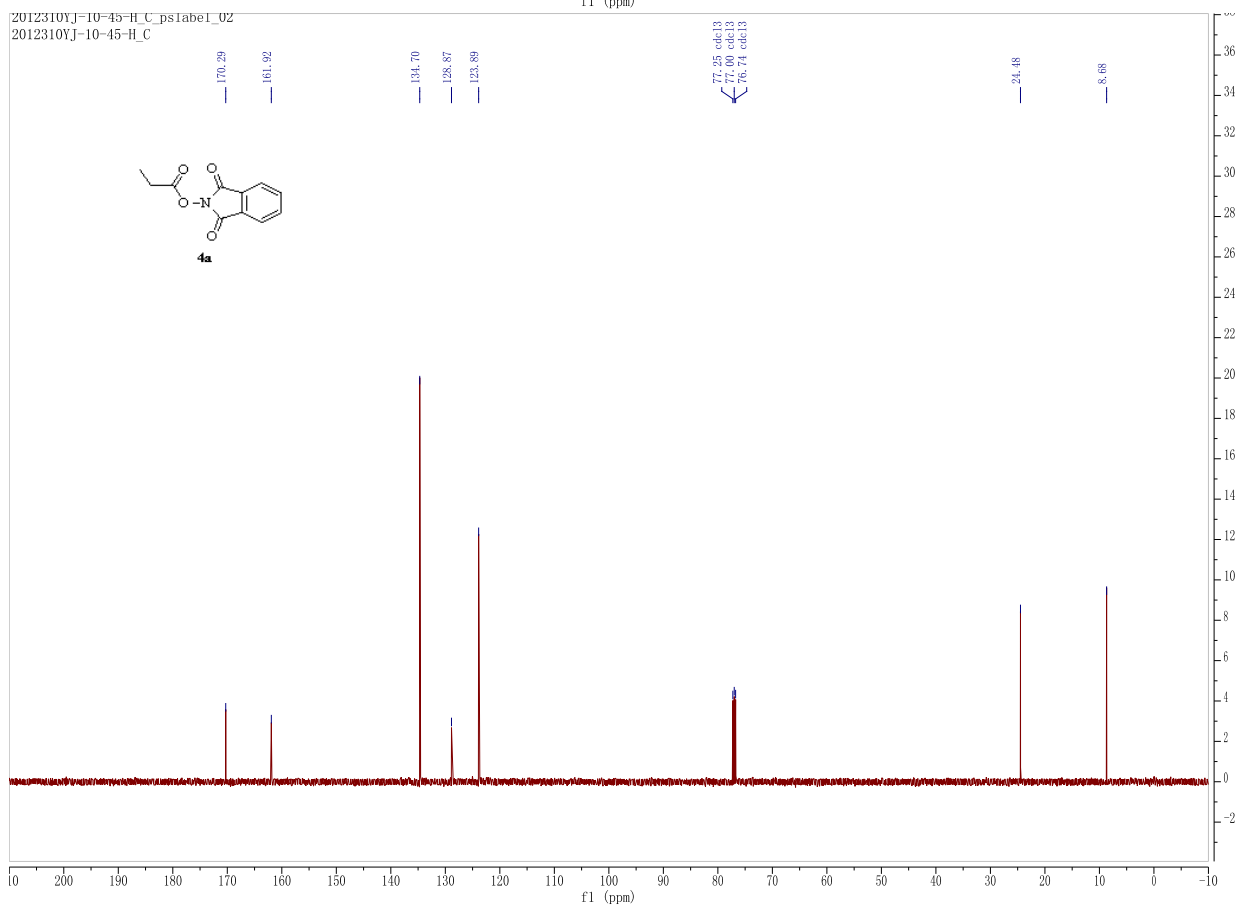
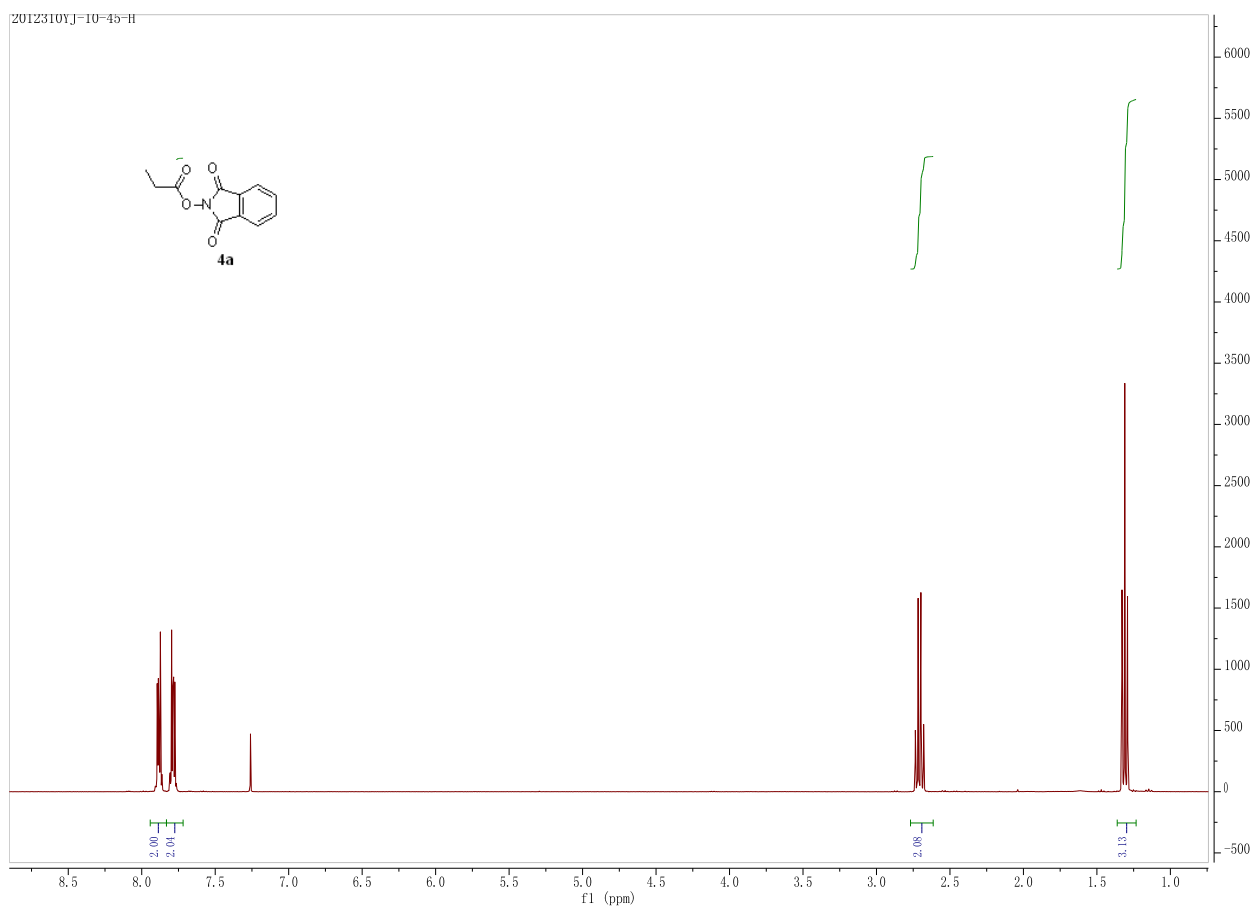


2012310YJ-13-64- H C, 10, f1d



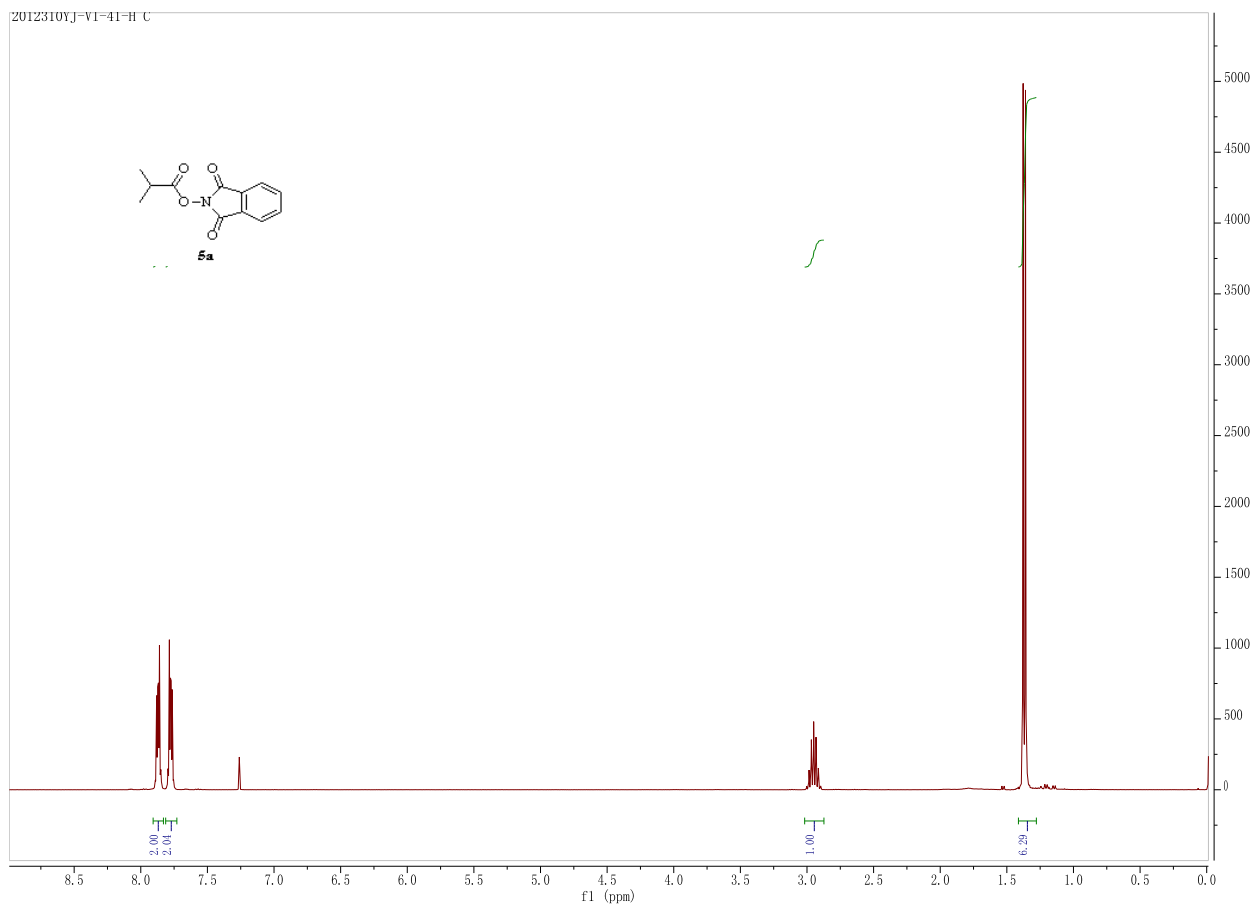
2012310YJ-13-64- H C, 11, f1d



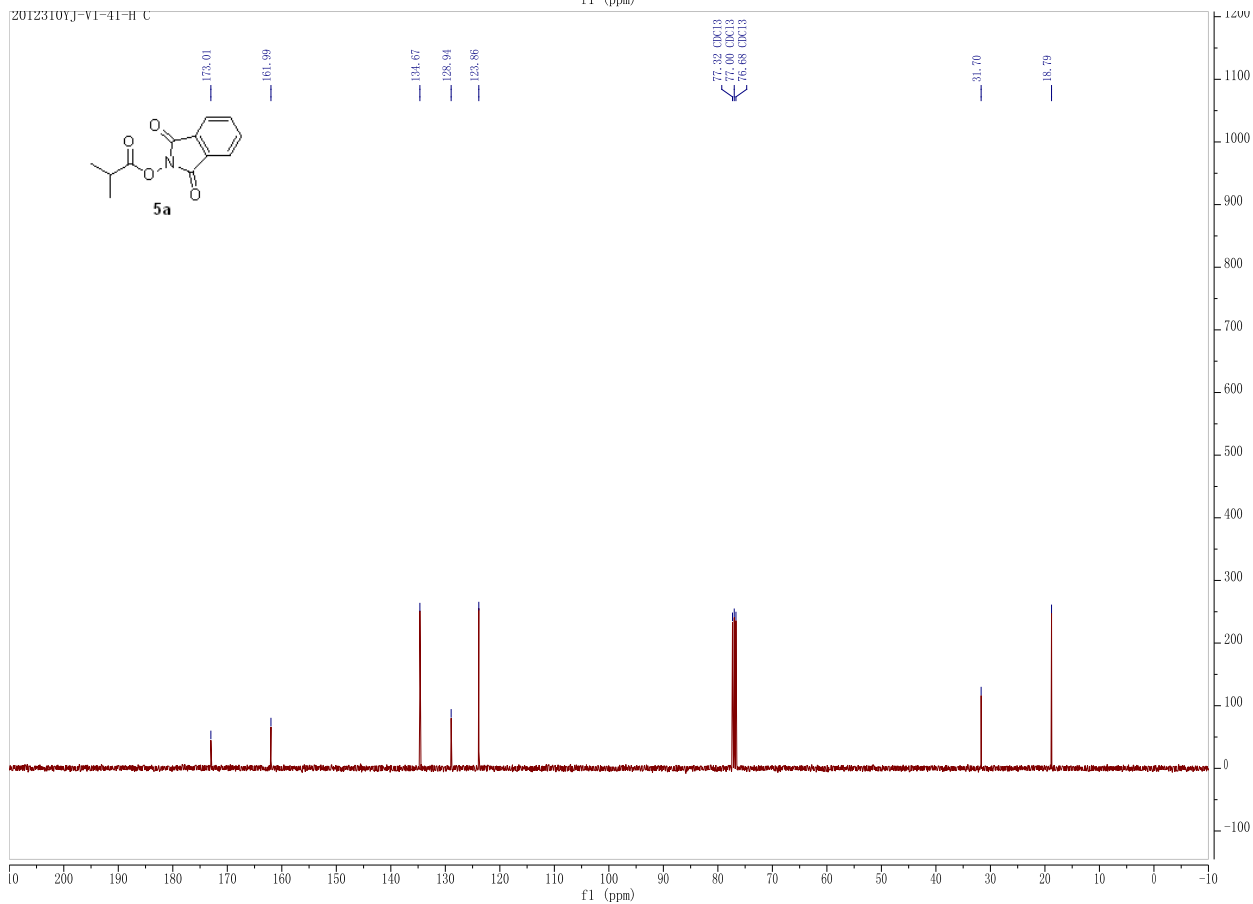




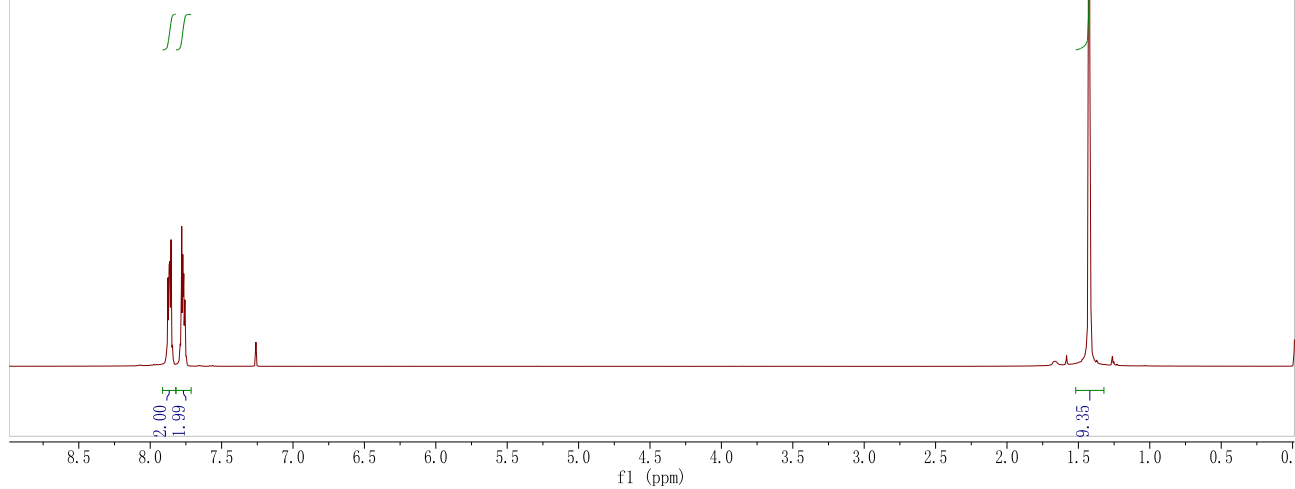
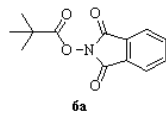
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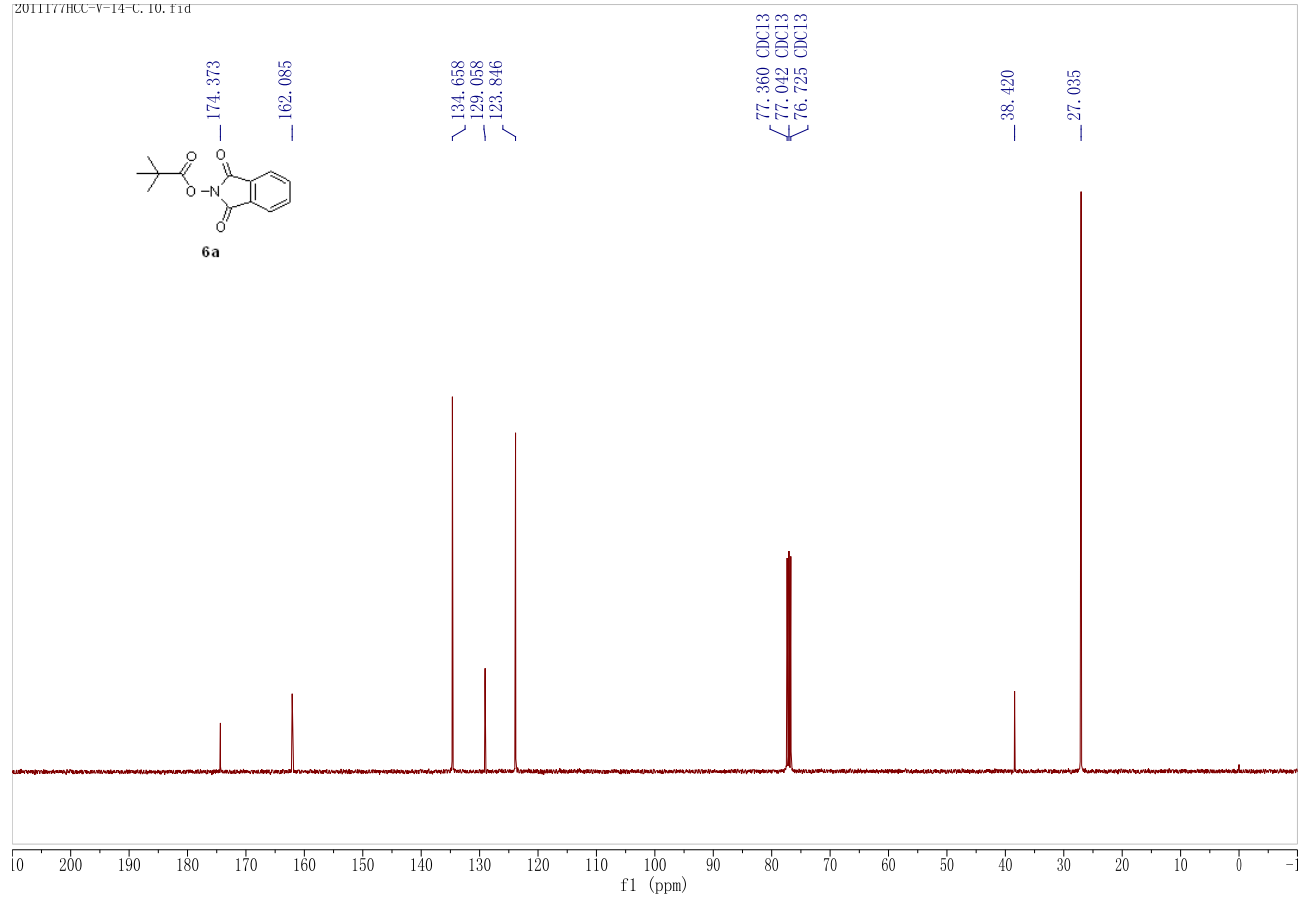
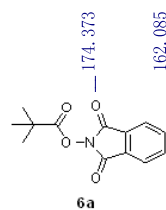
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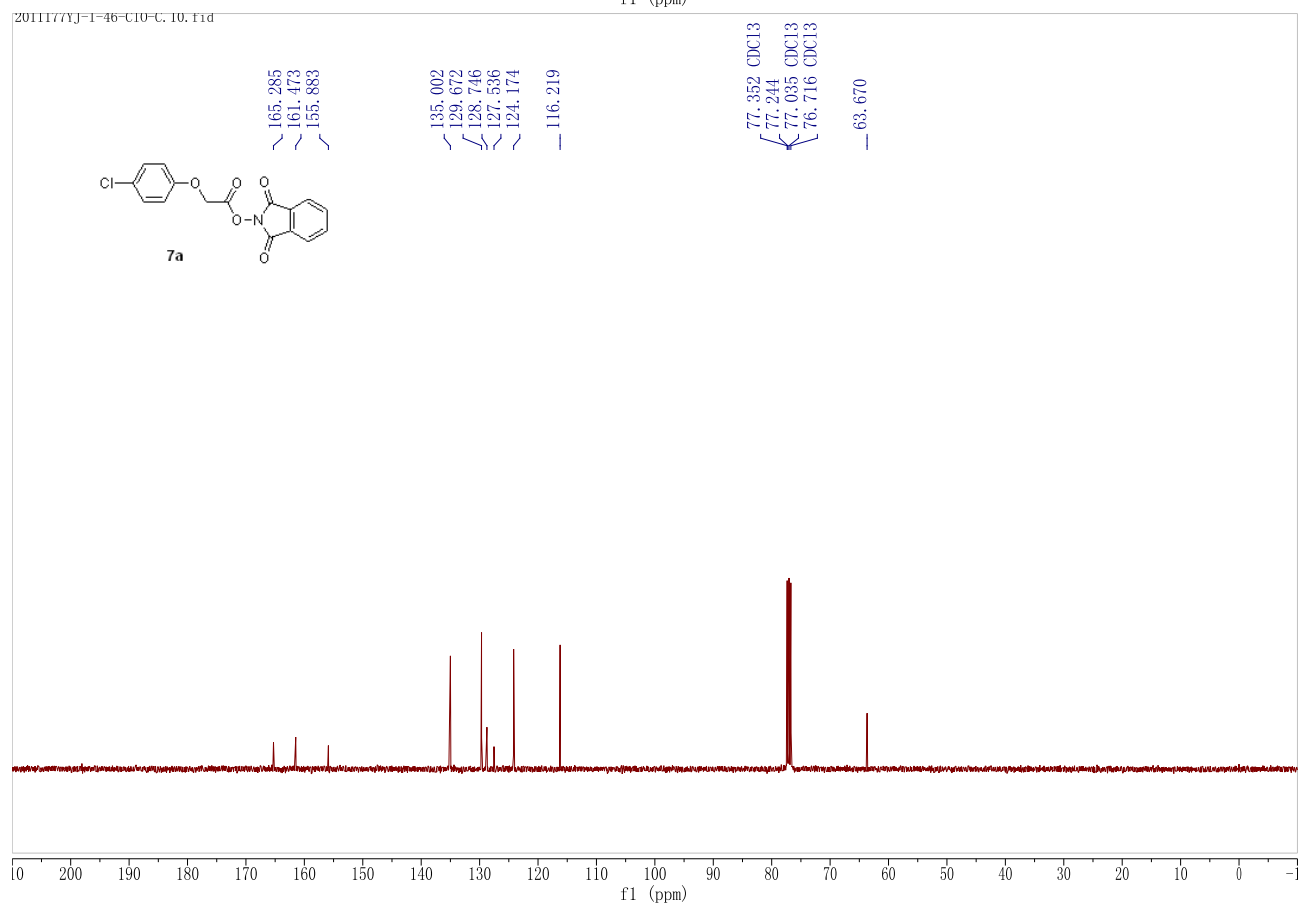
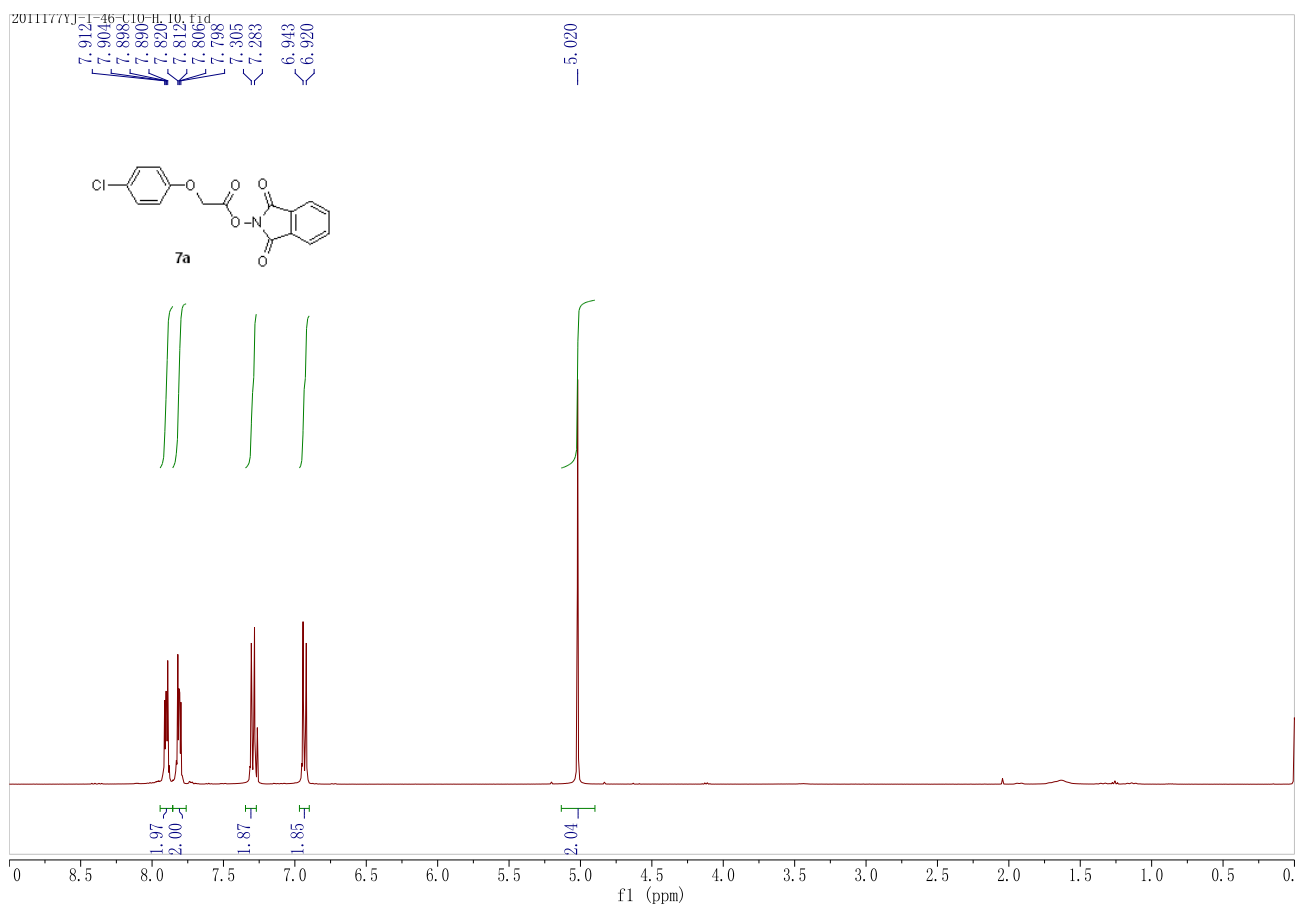


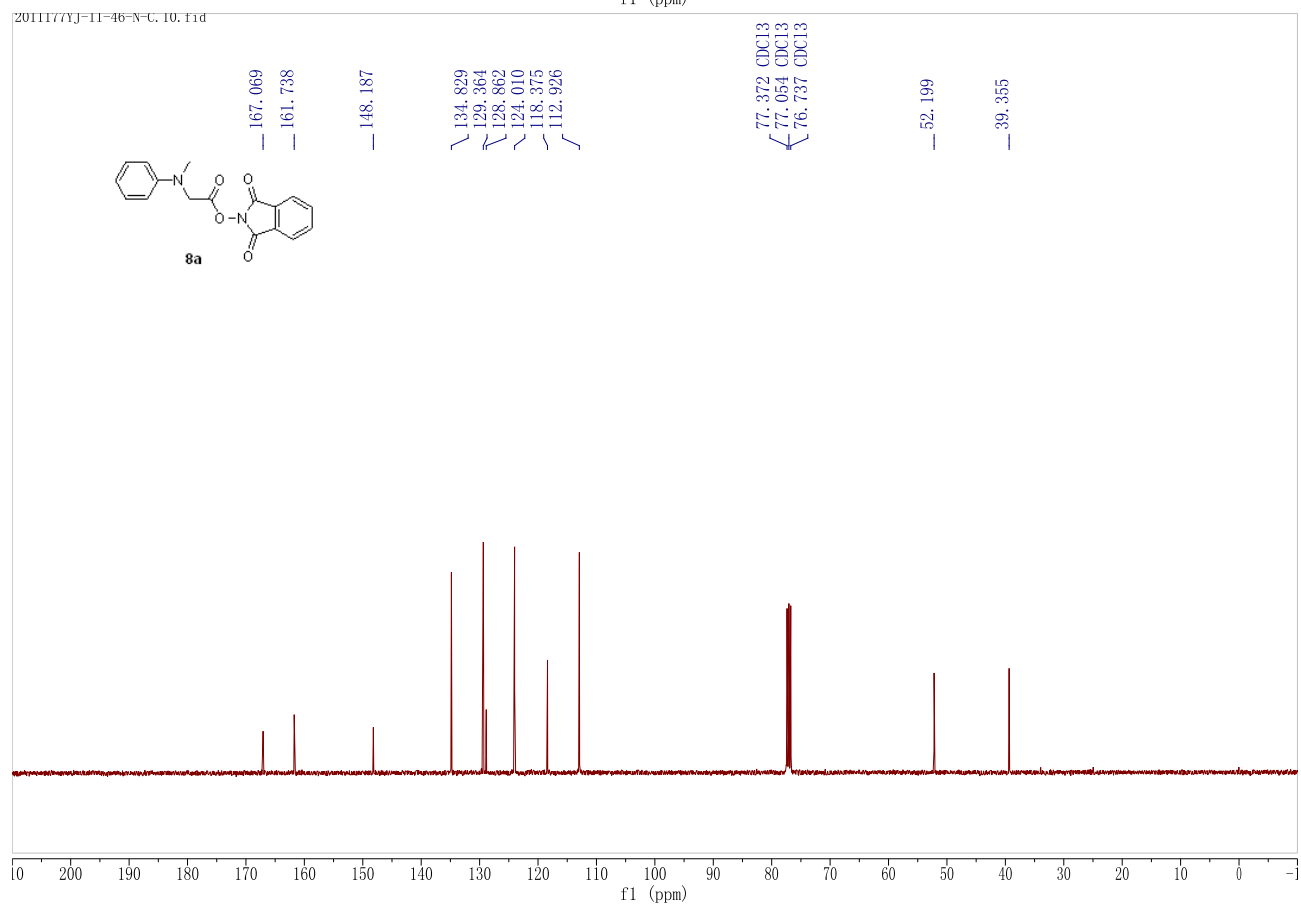
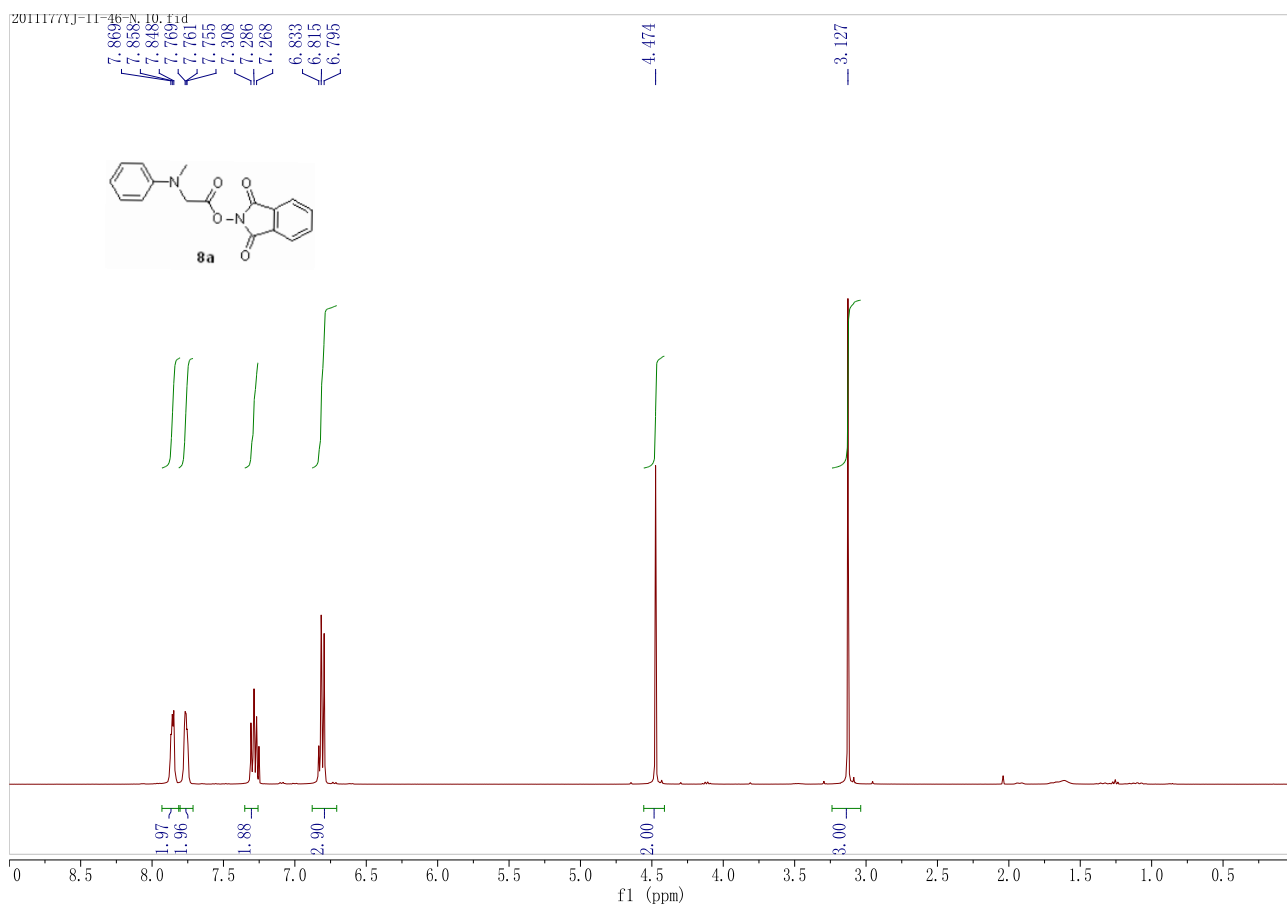
2011177HCC-V-14-H, 10, F1d



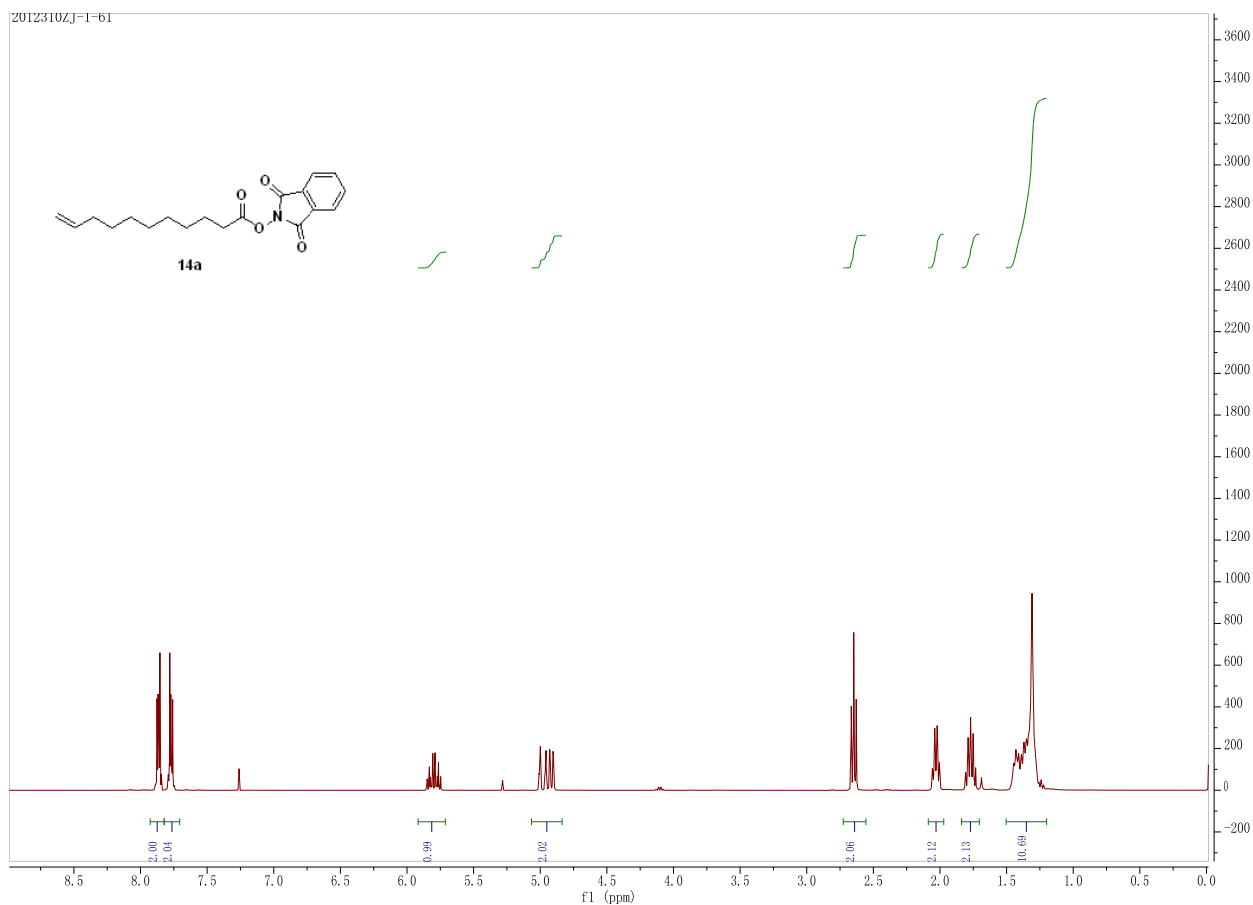
2011177HCC-V-14-C, 10, F1d



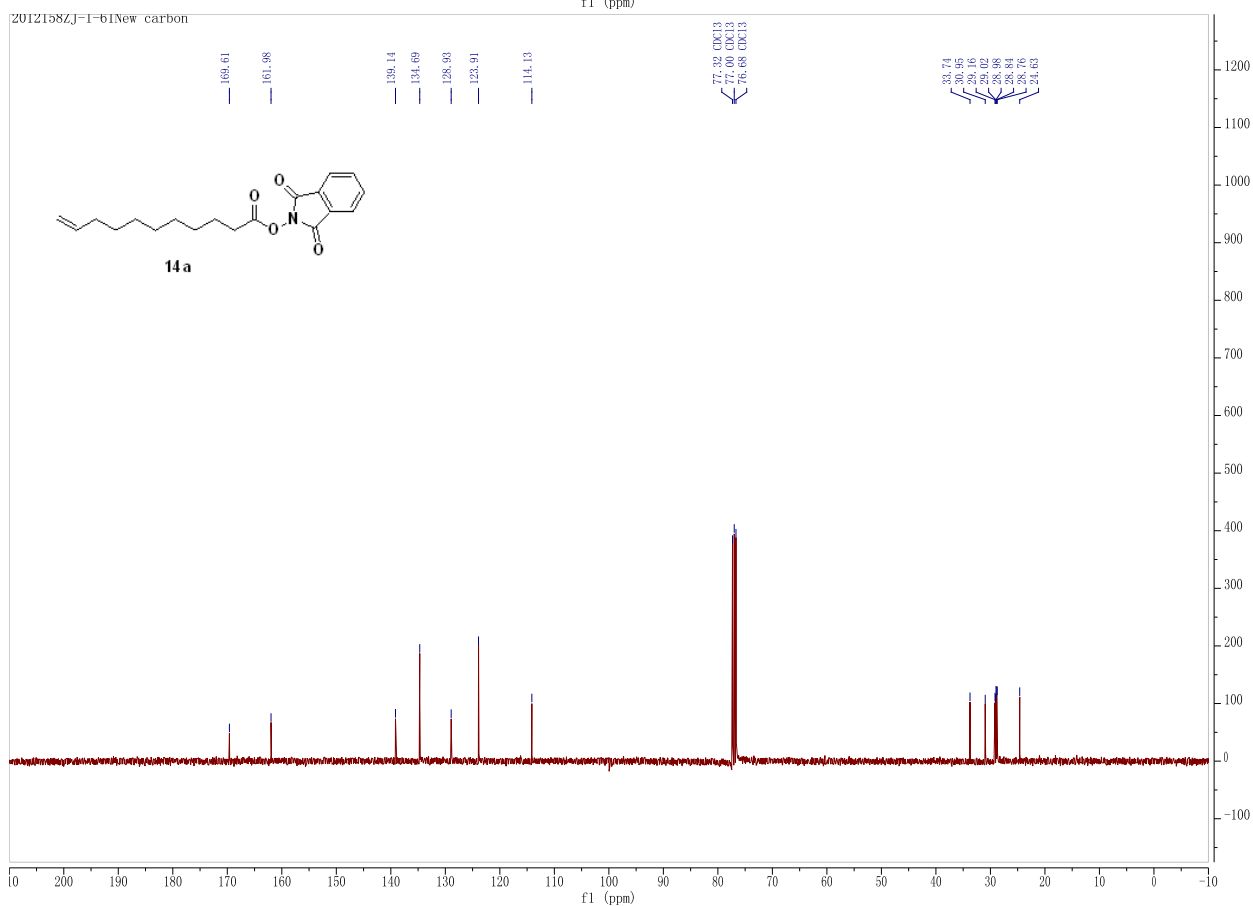


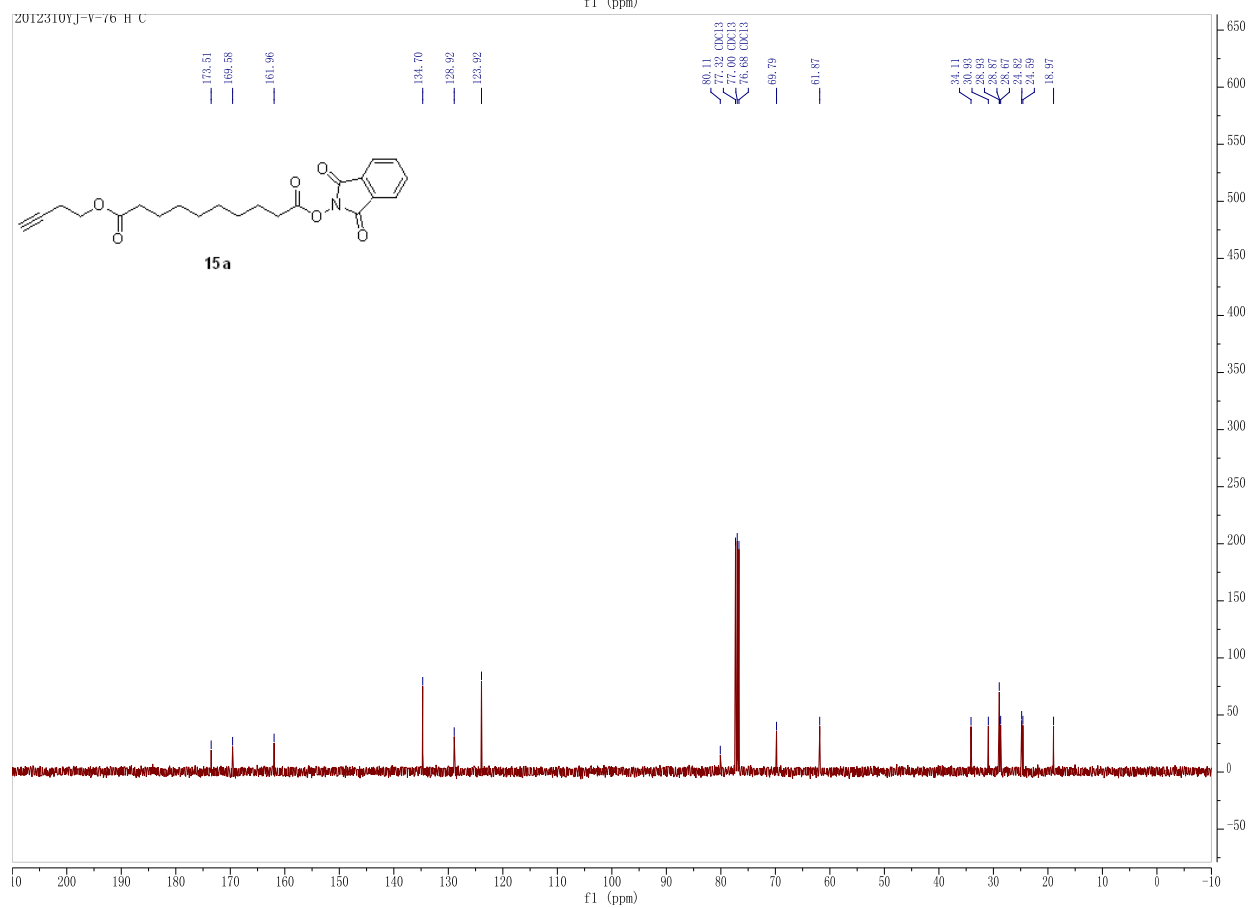
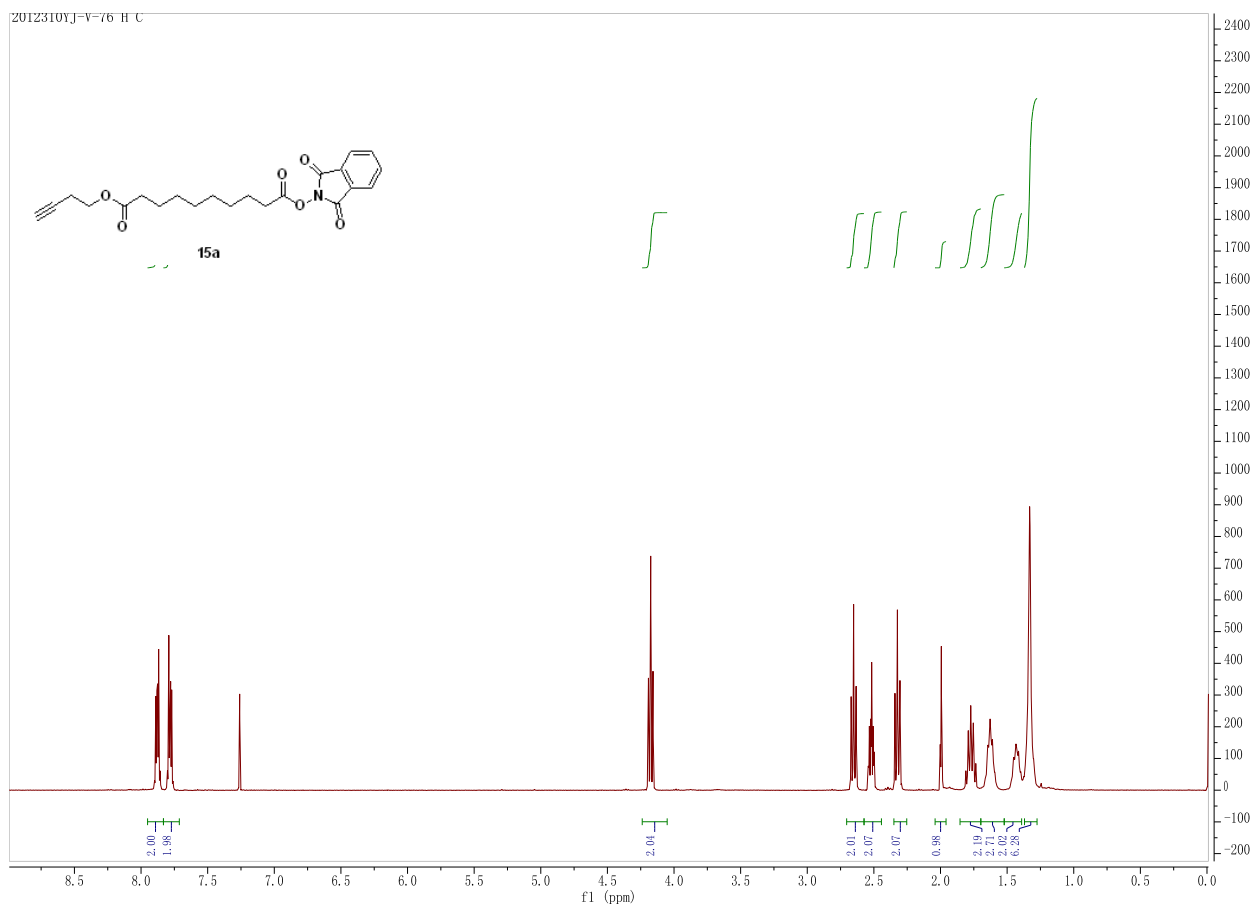


2012310ZJ-1-61

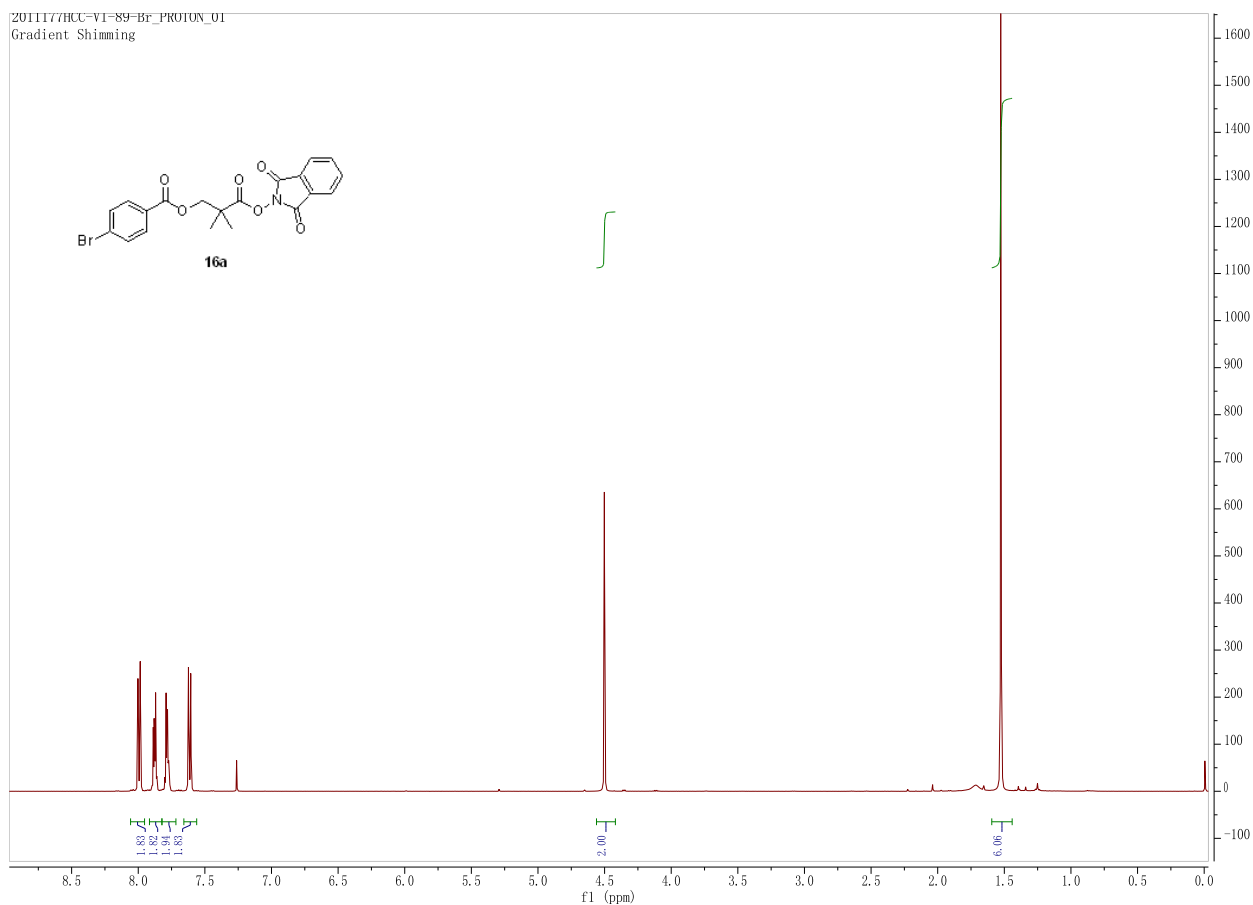


2012158ZJ-1-61New carbon

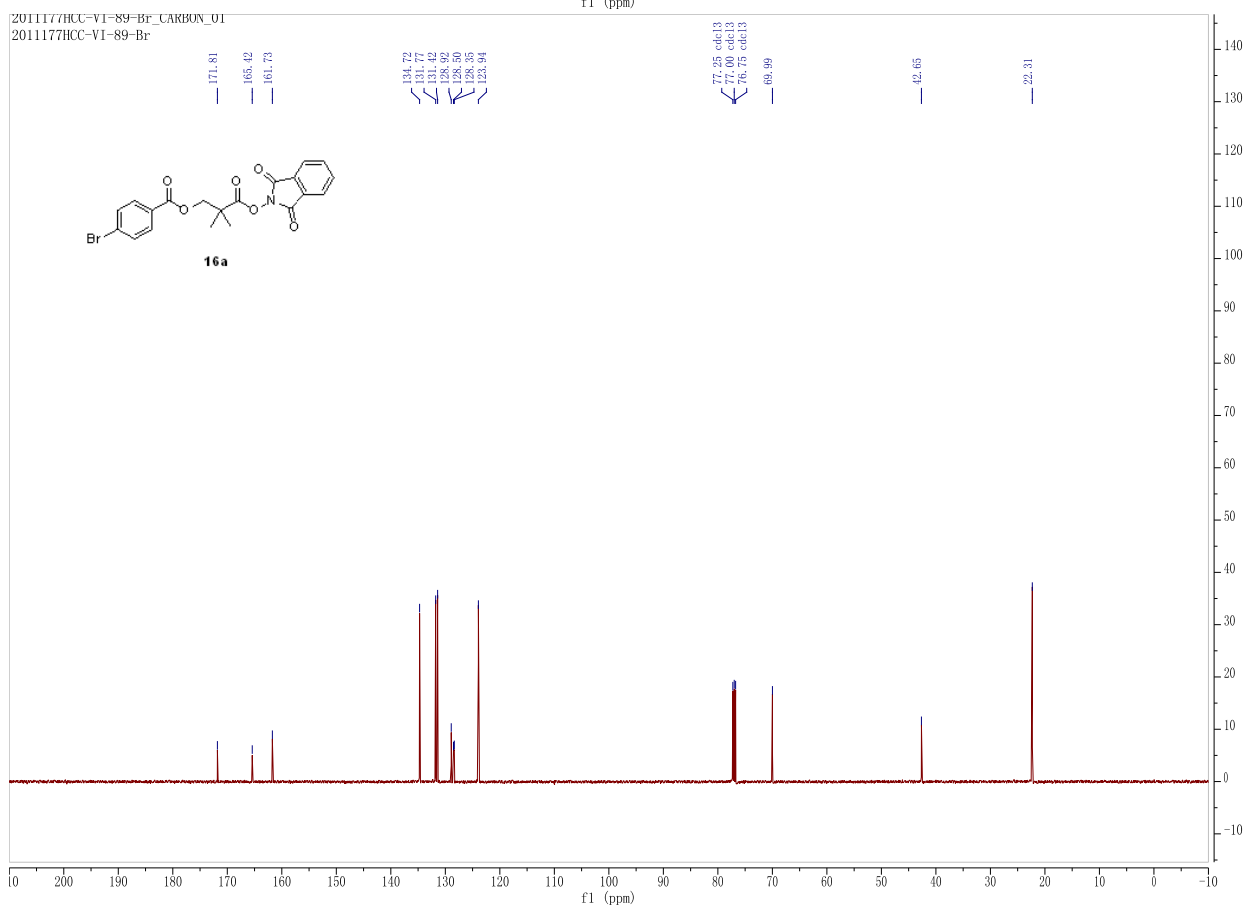




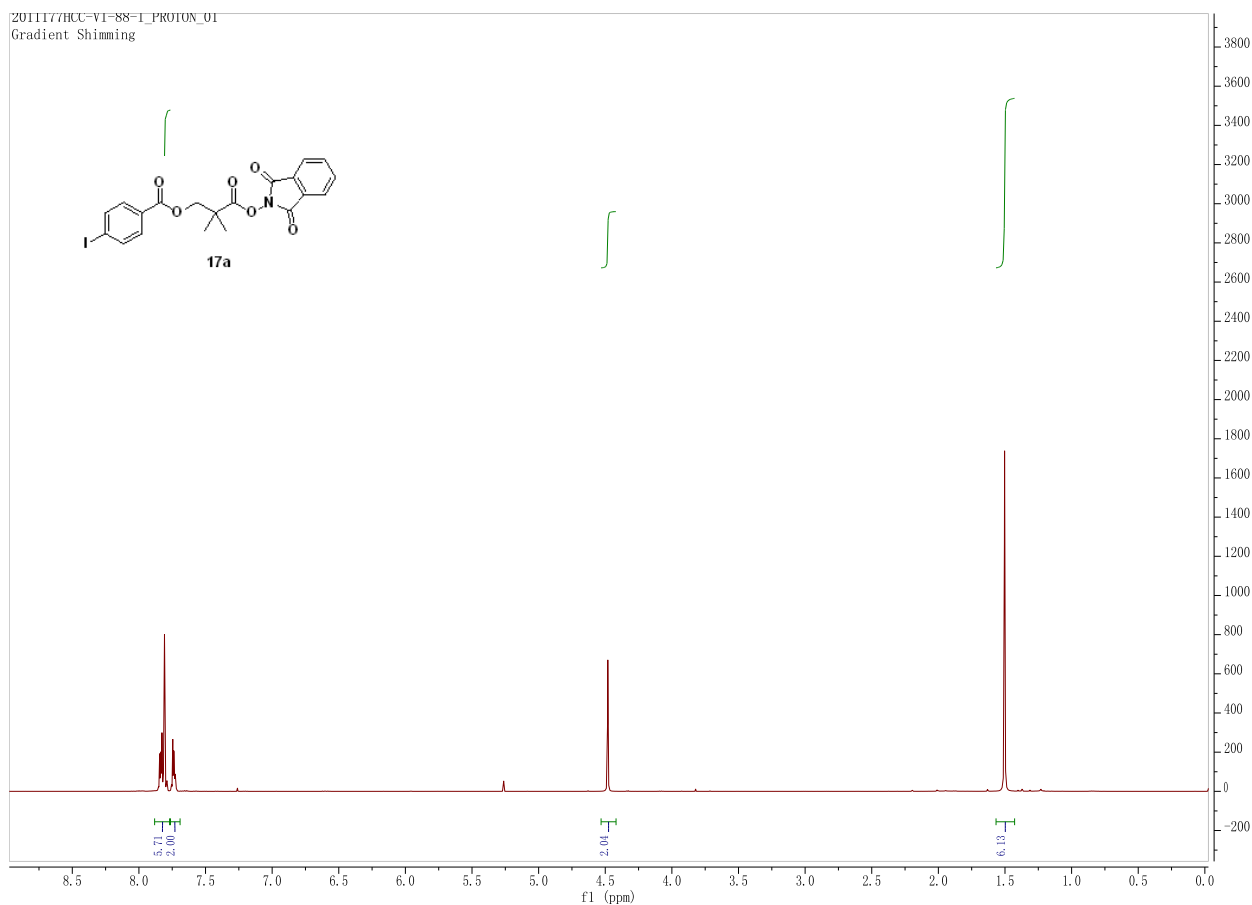
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Gradient Shimming



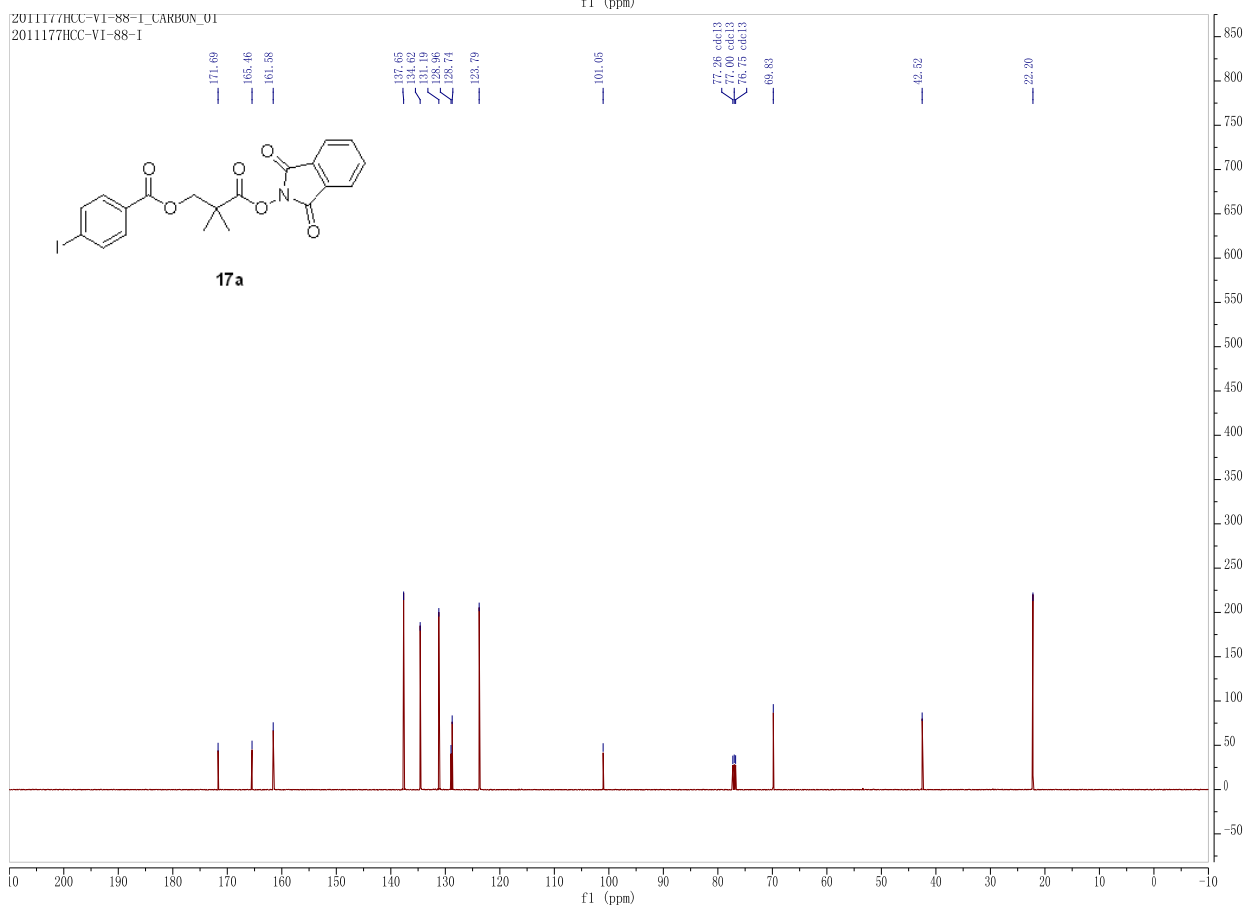
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2011177HCC-VI-89-Br



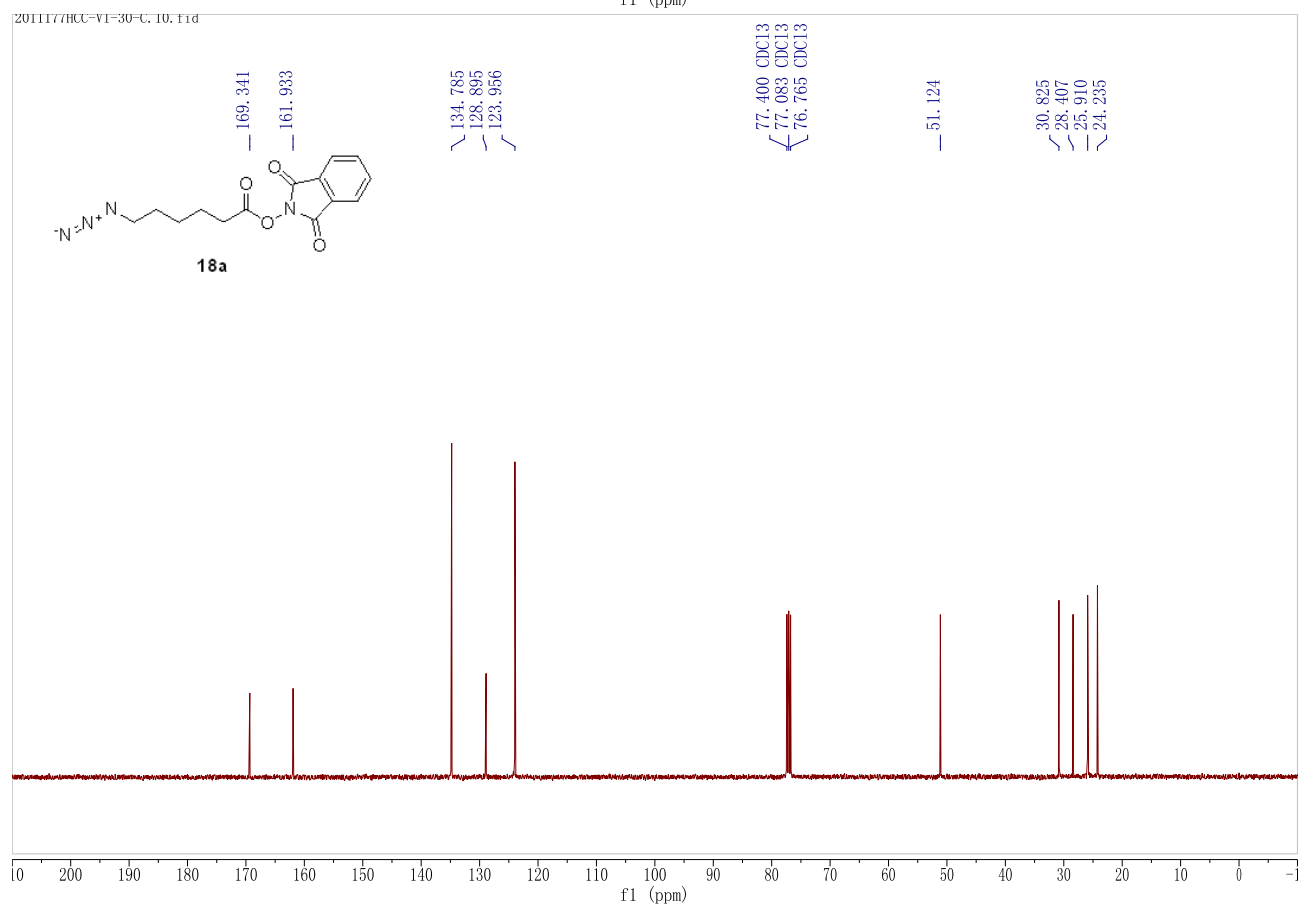
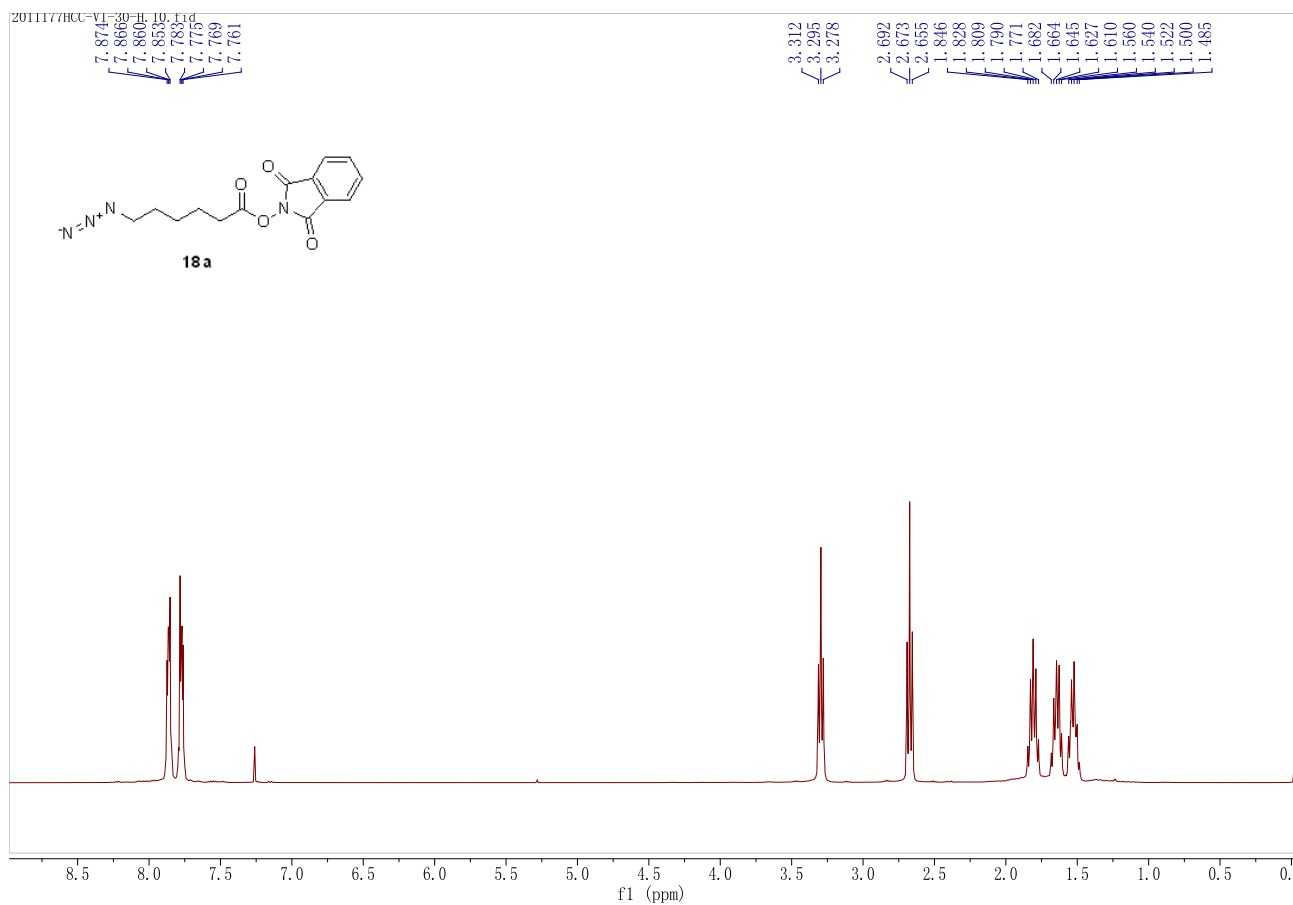
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Gradient Shimming

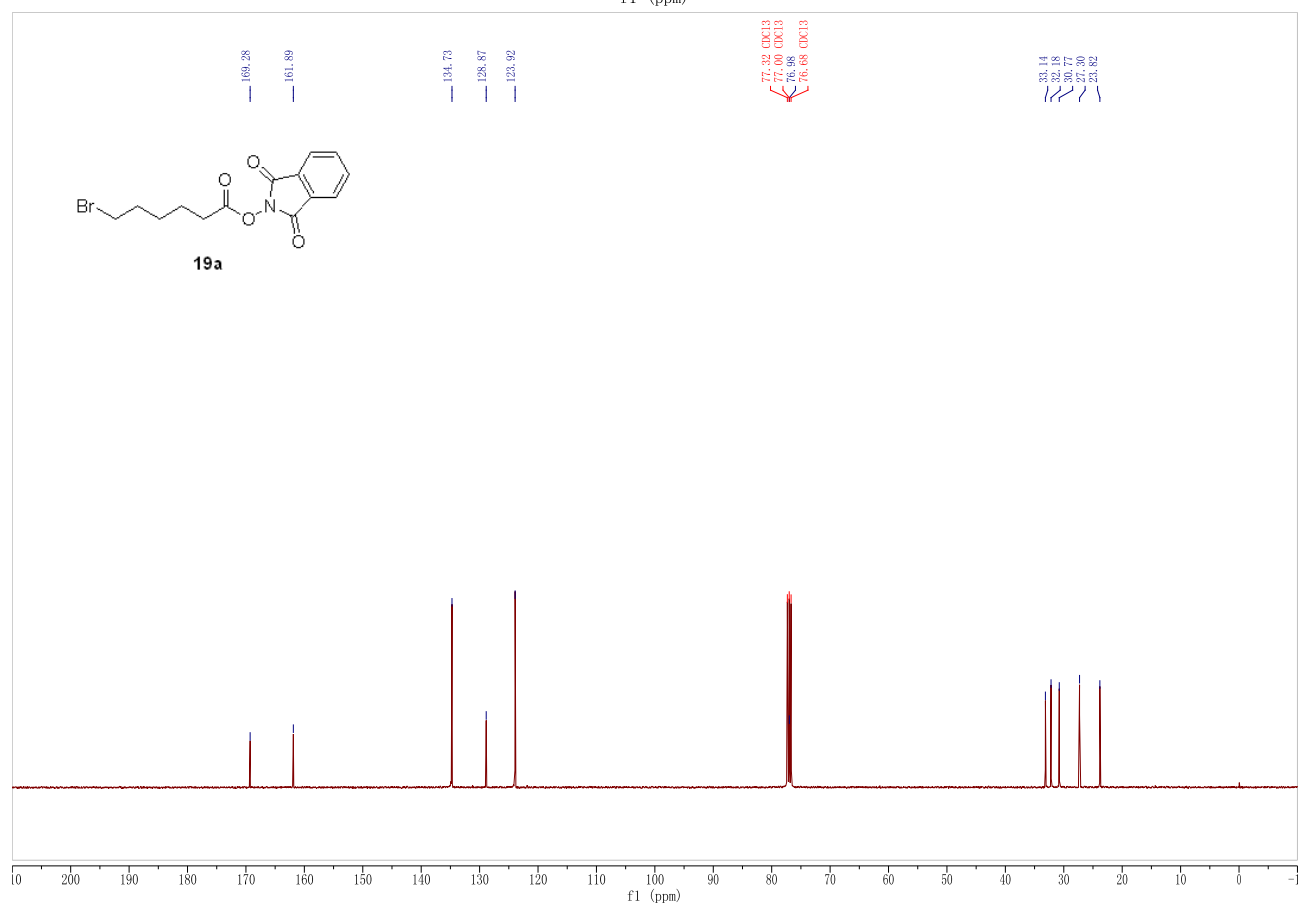
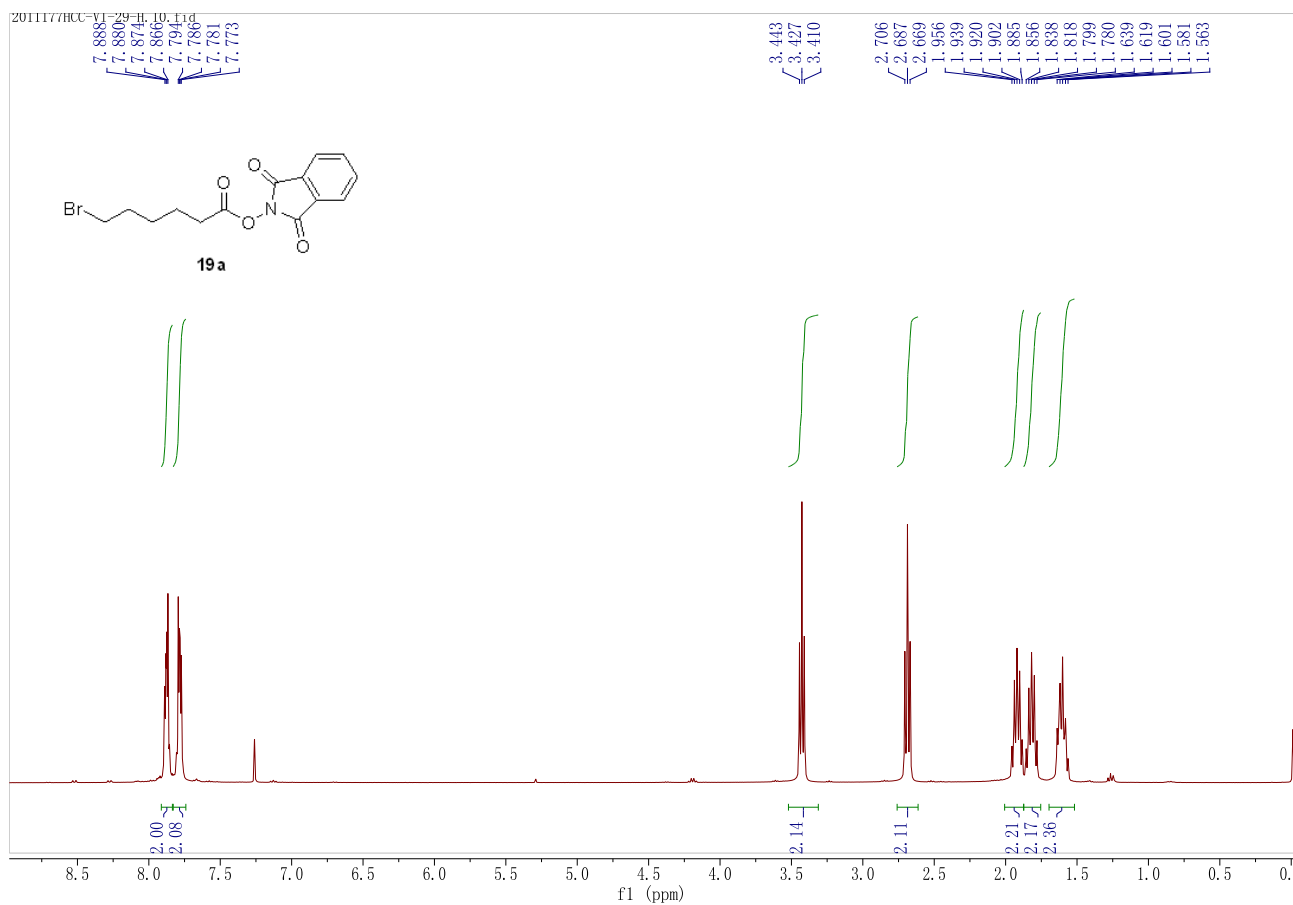


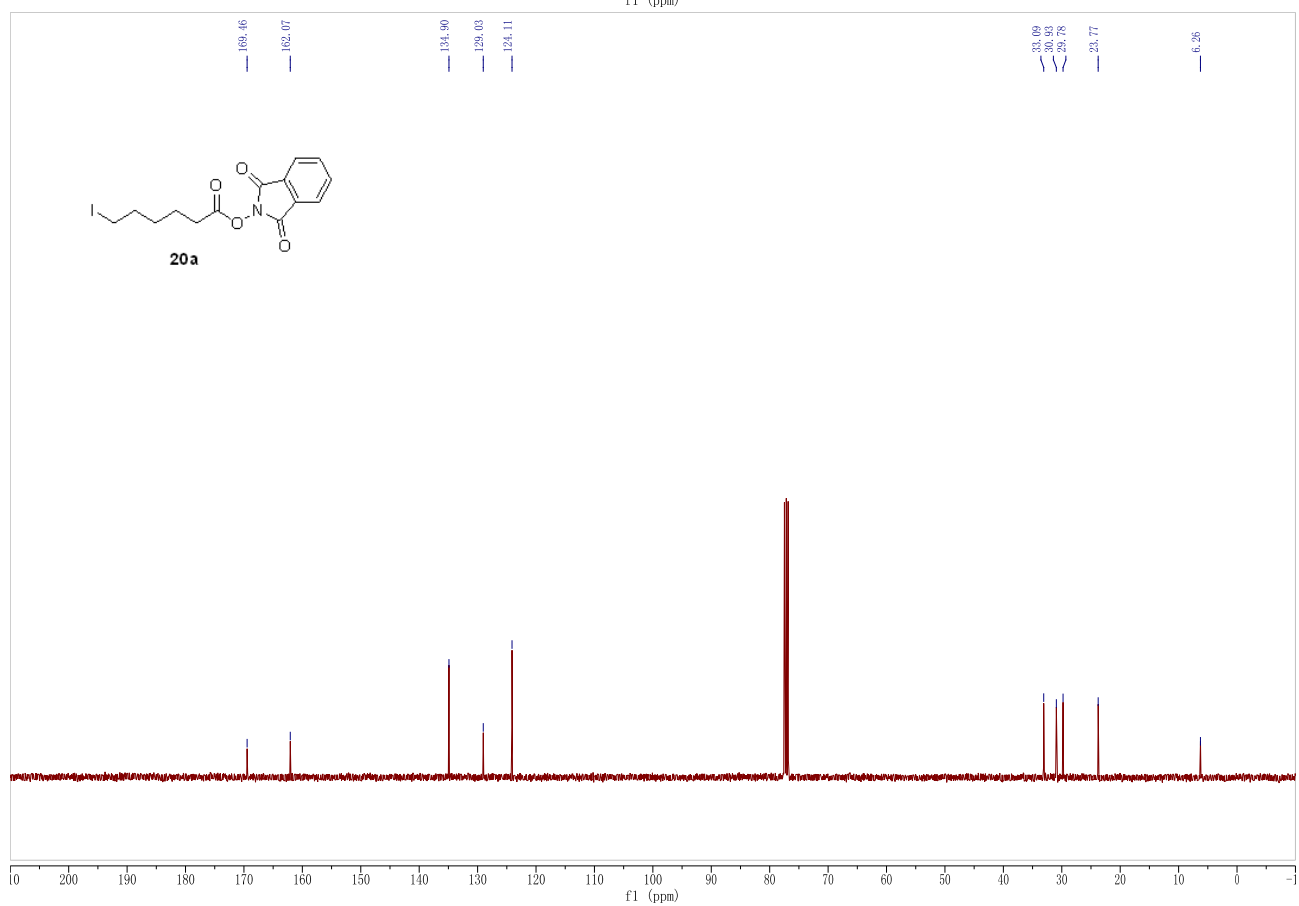
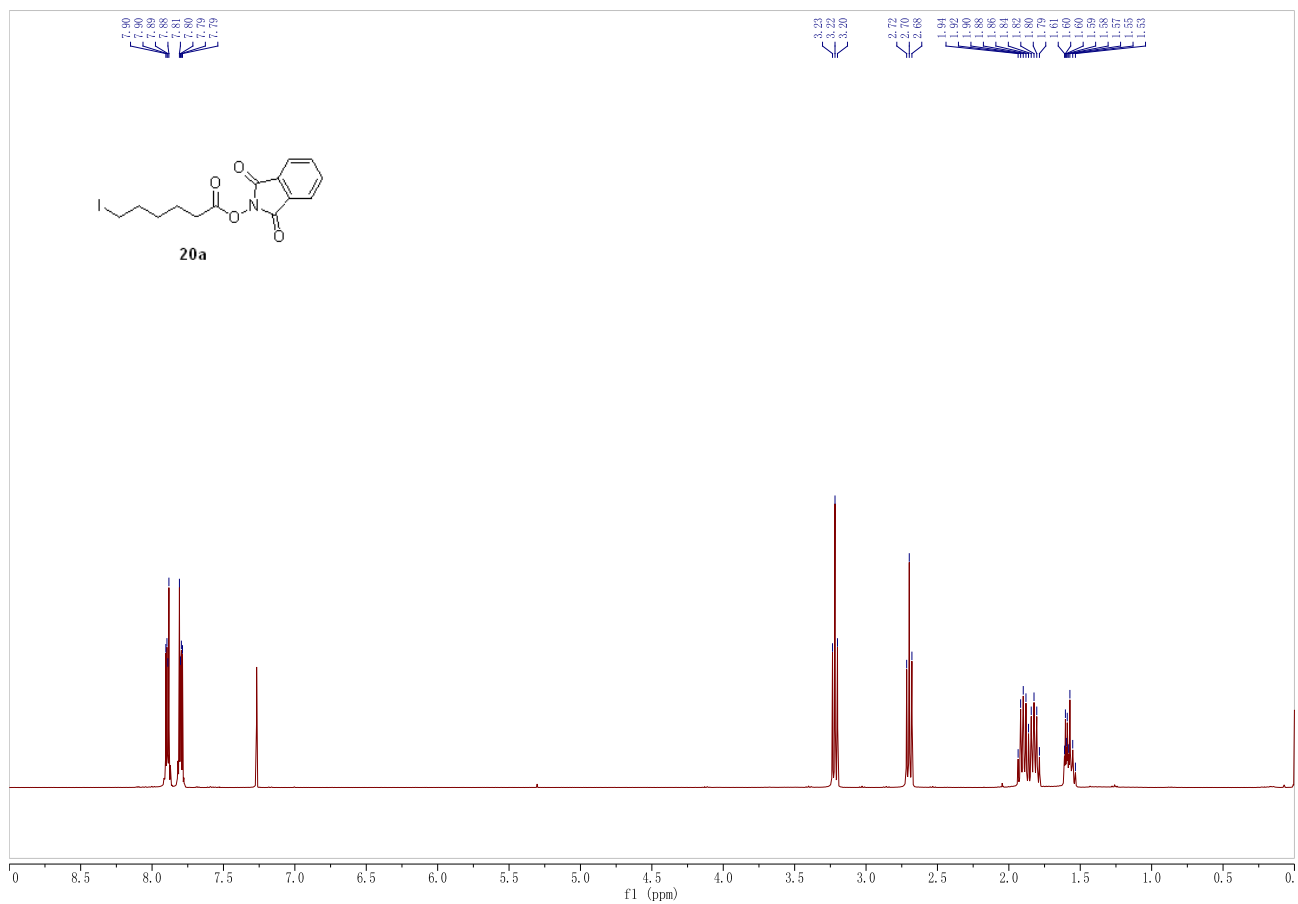
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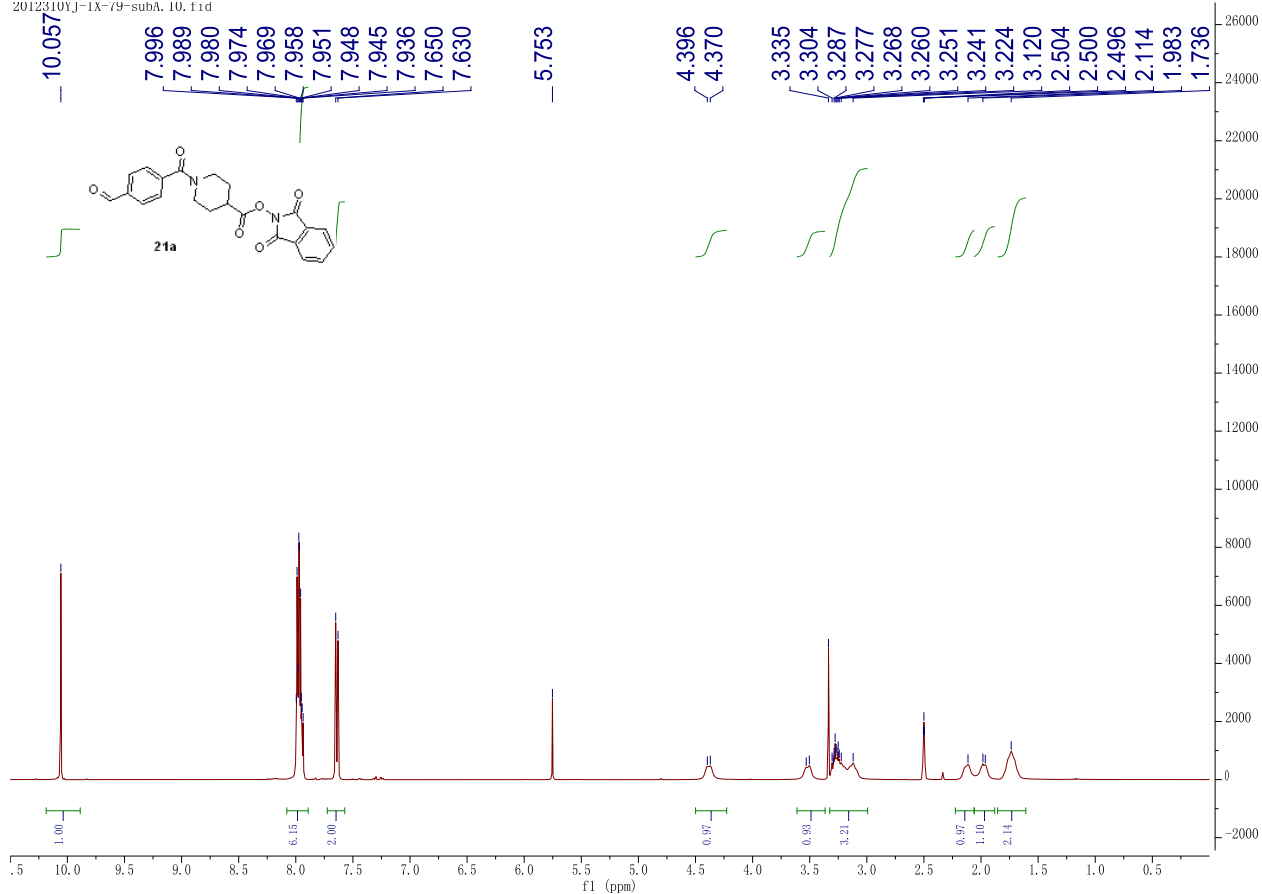




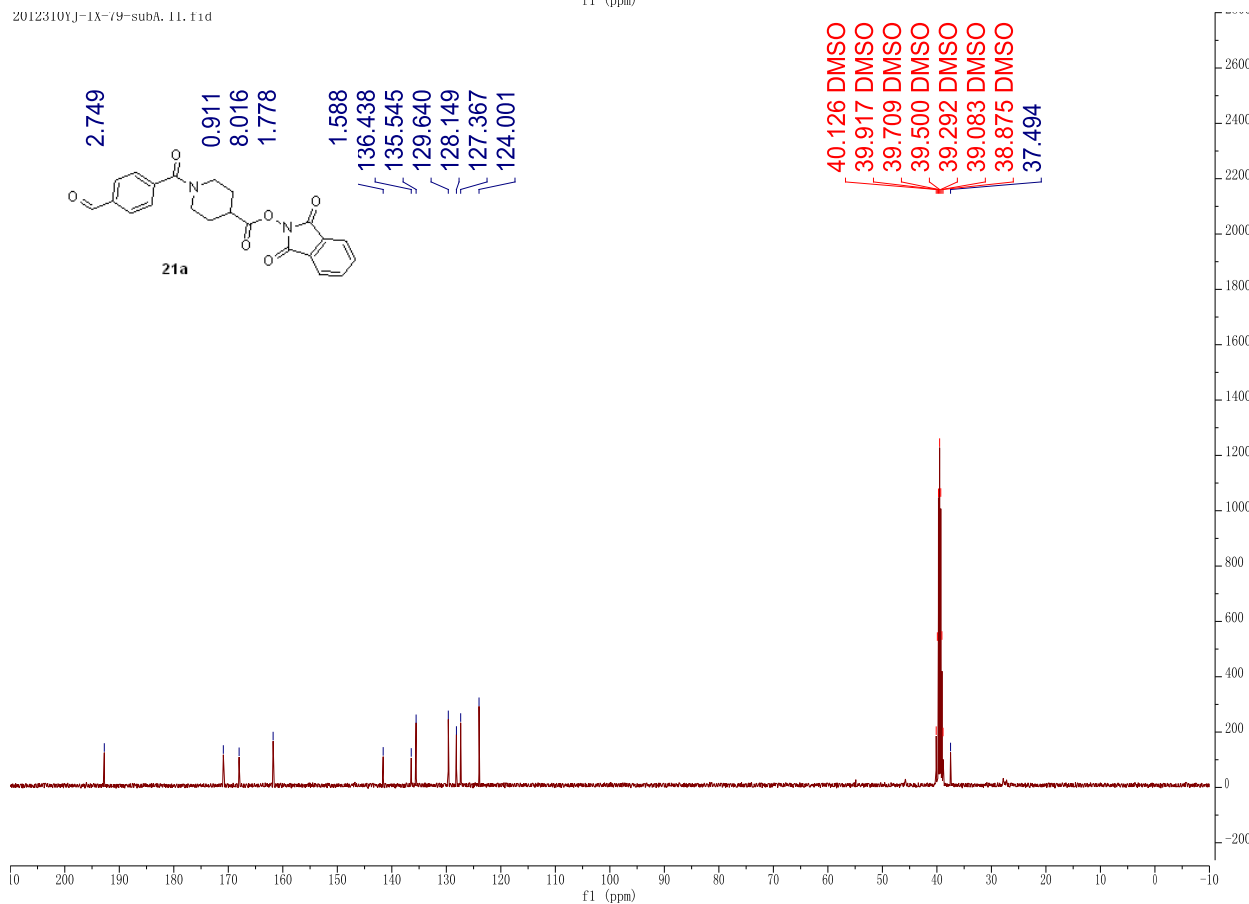




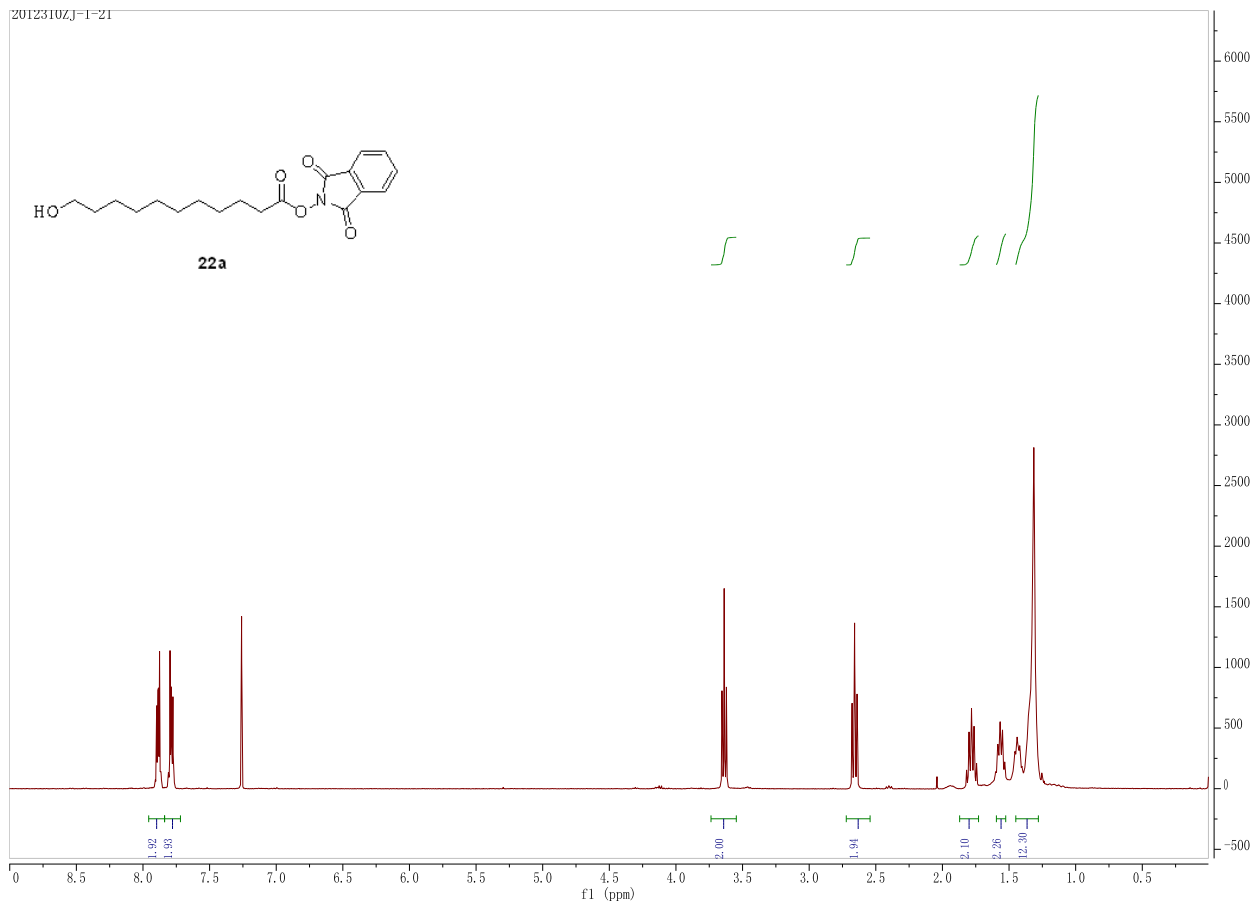
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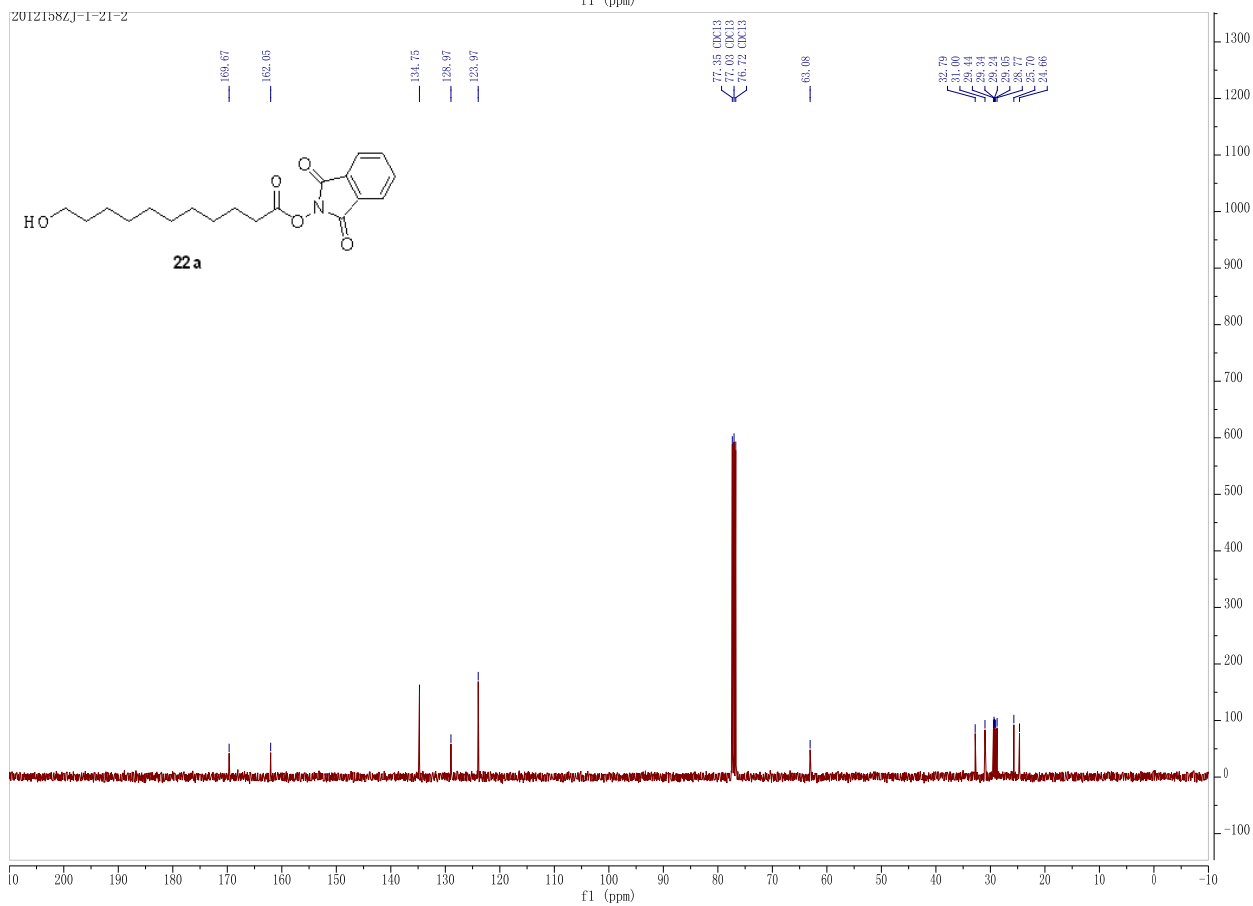
2012310YJ-1X-79-subA, 11, f1d



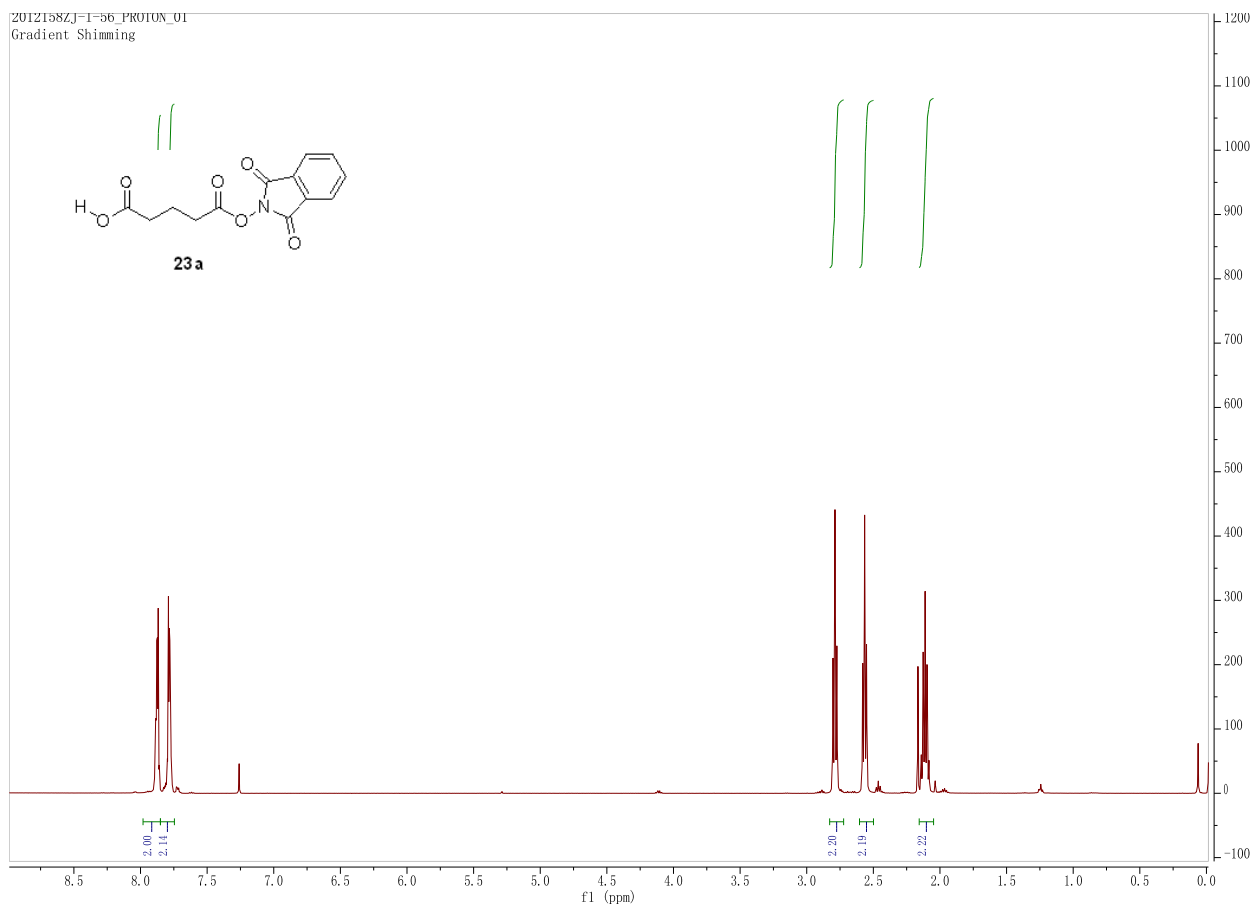
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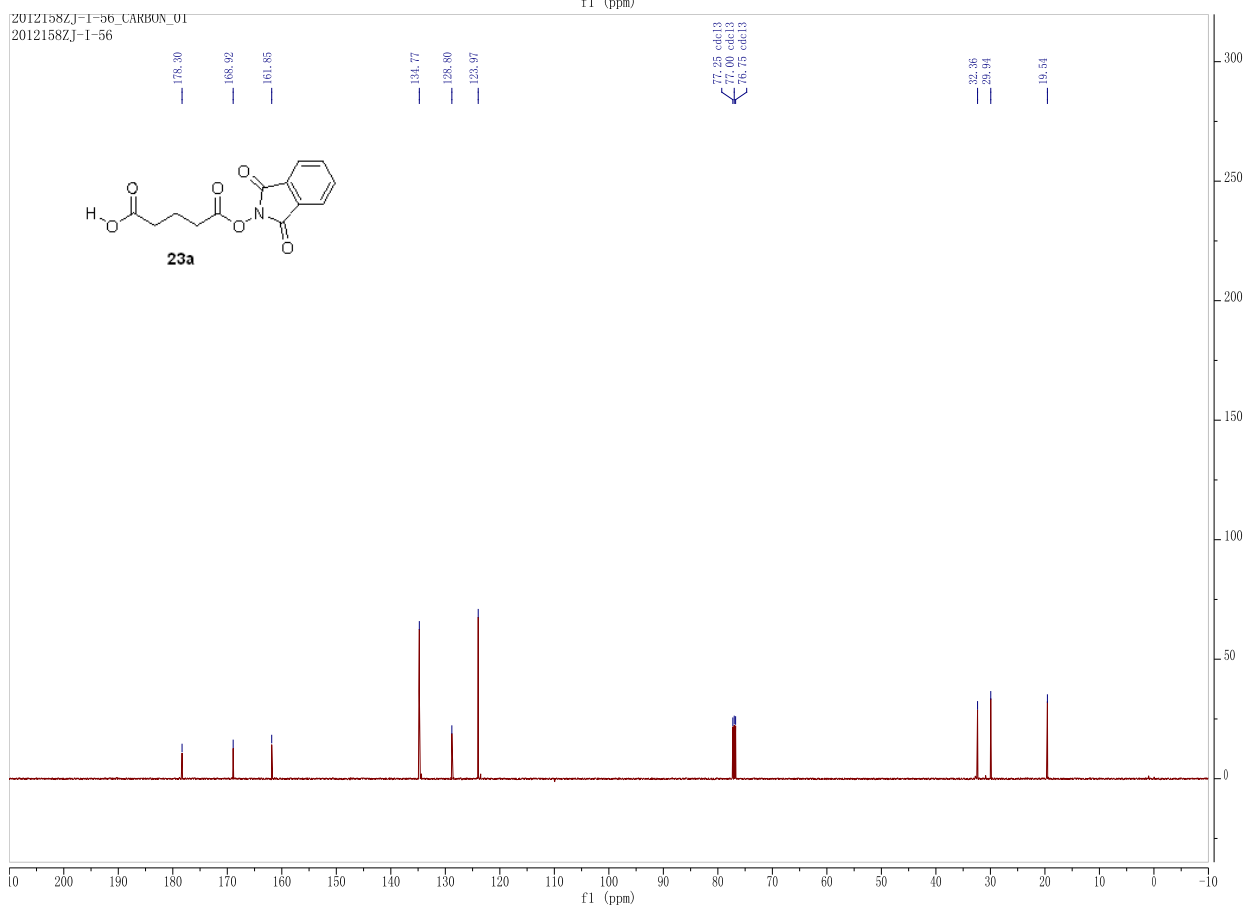
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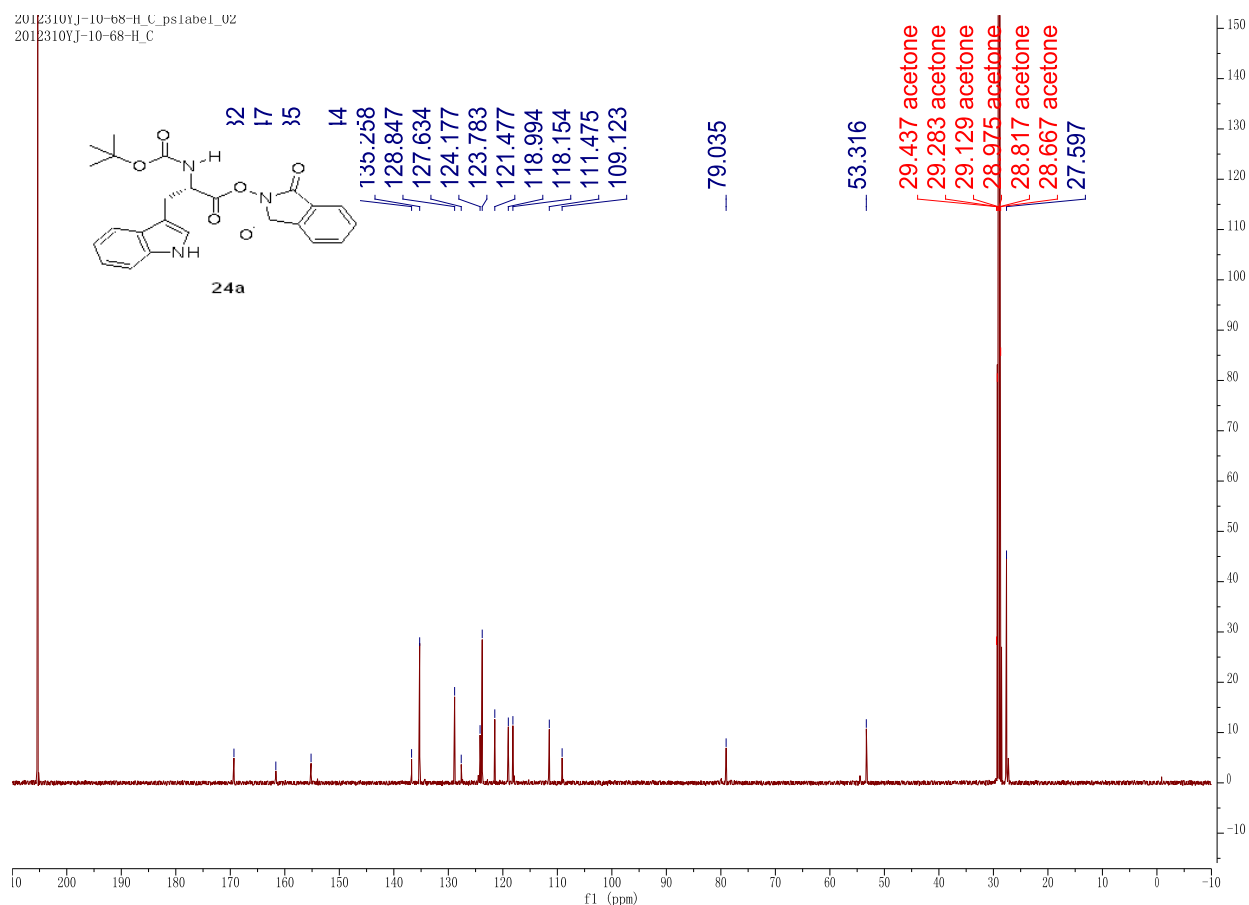
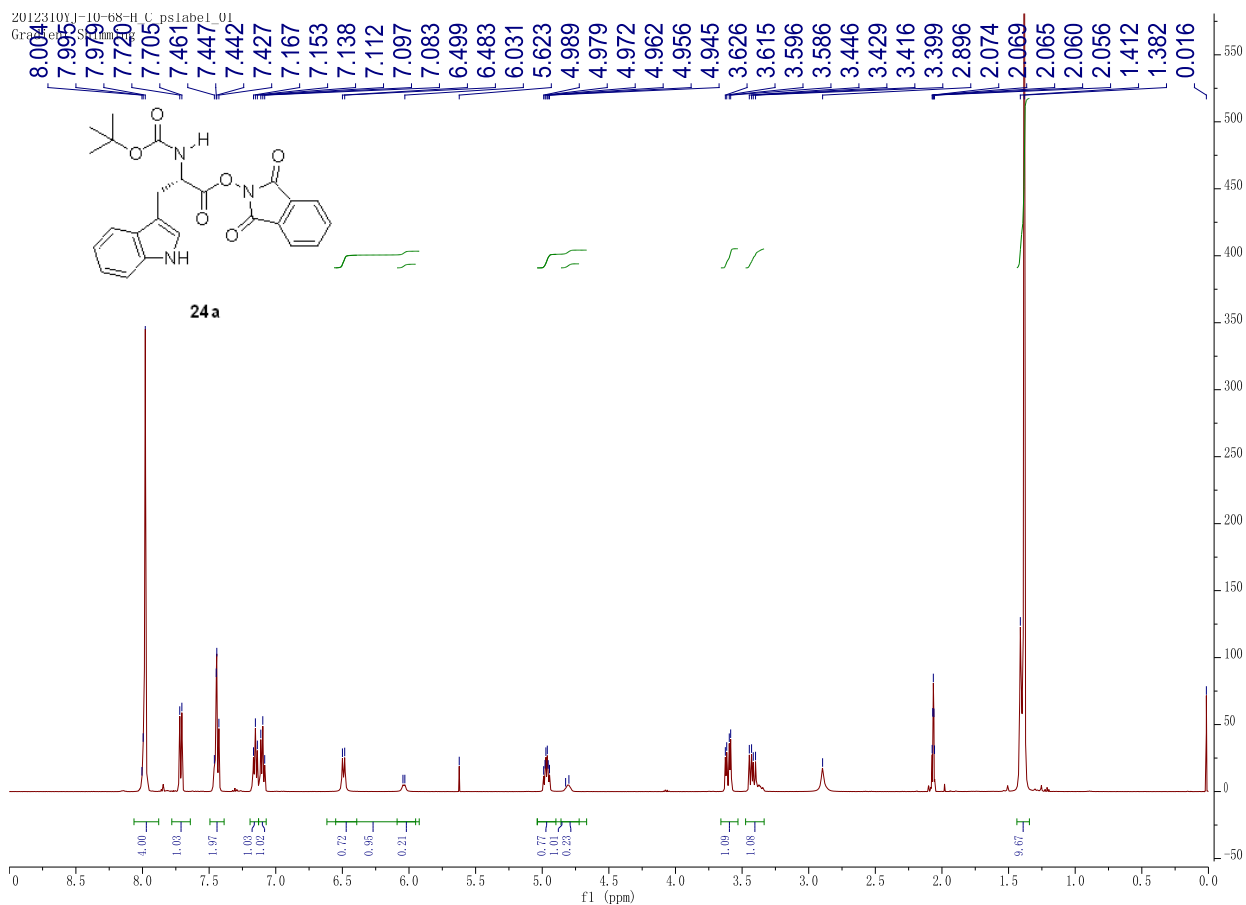


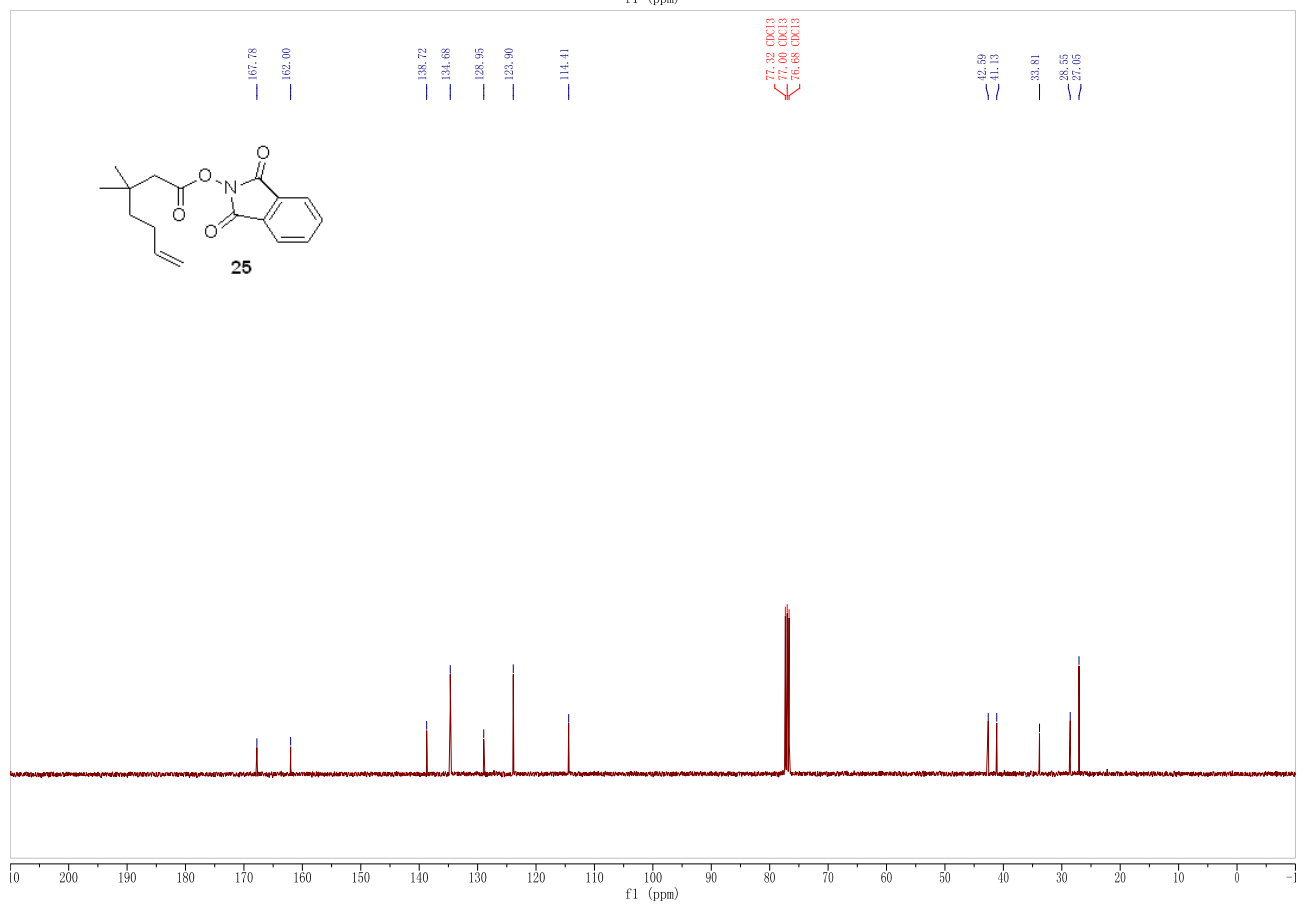
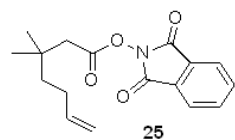
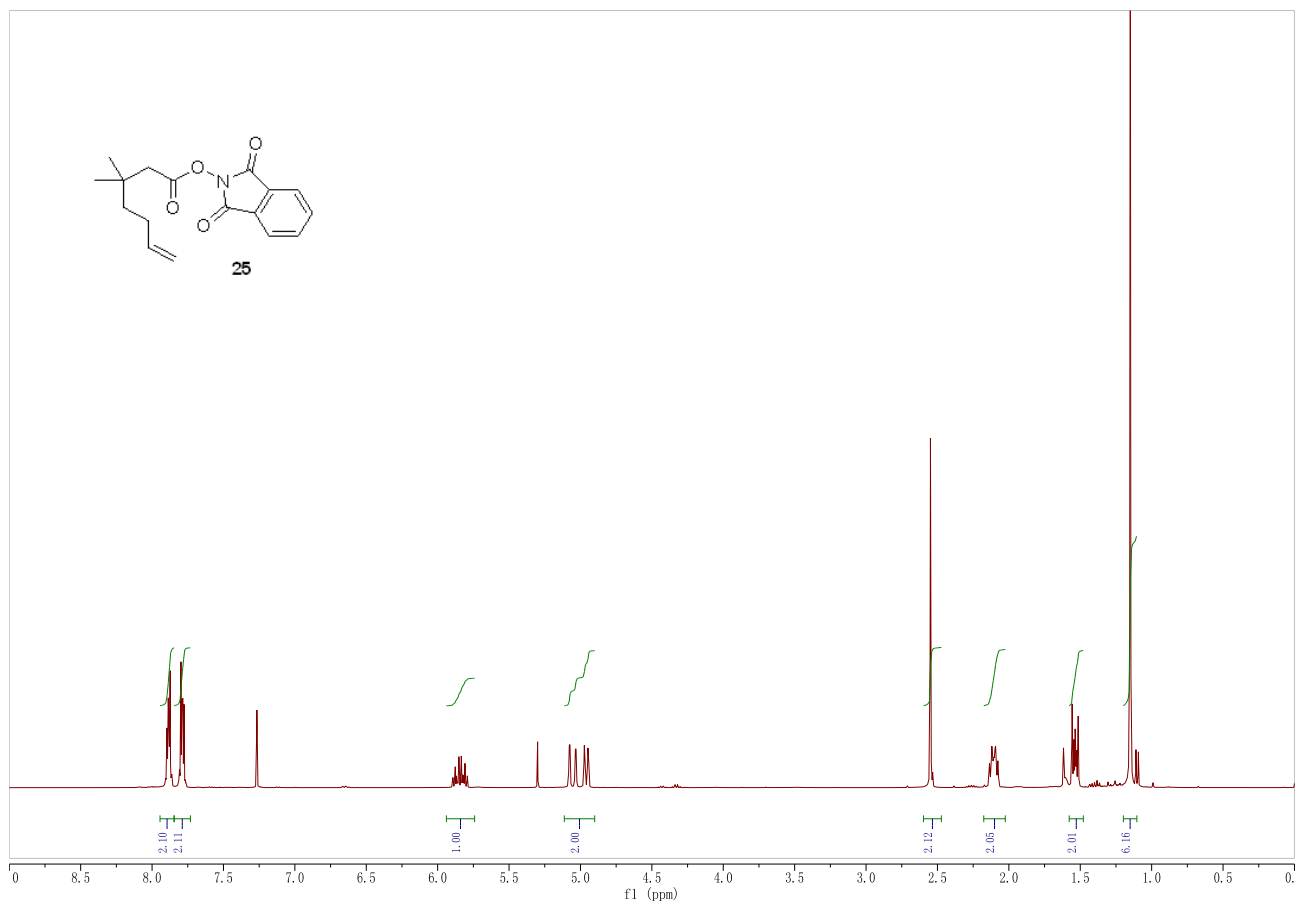
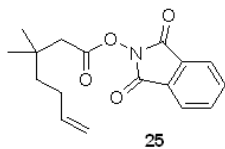
2012158ZJ-1-56\_PROTON\_01  
Gradient Shimming



2012158ZJ-1-56\_CARBON\_01  
2012158ZJ-1-56

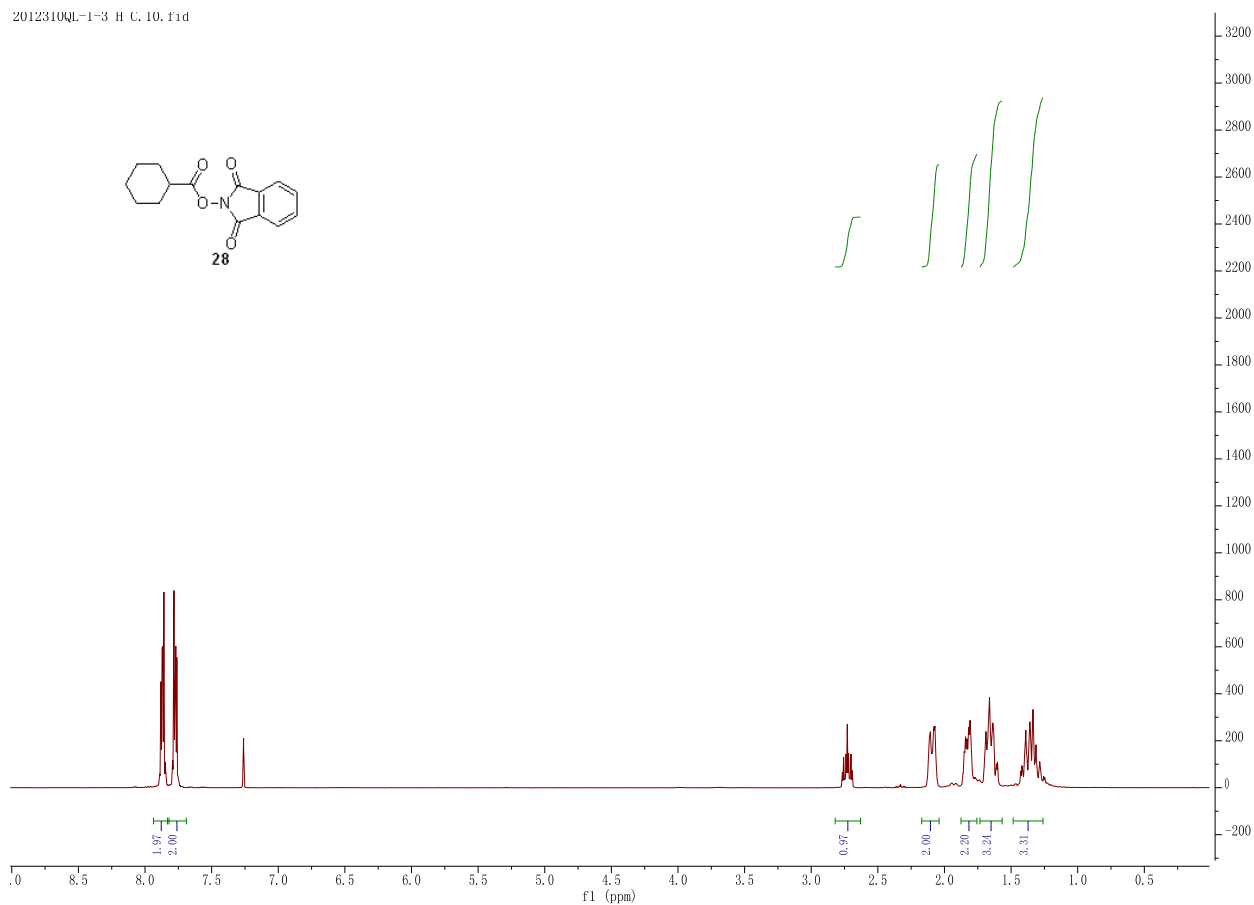
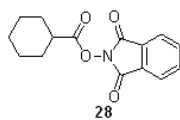




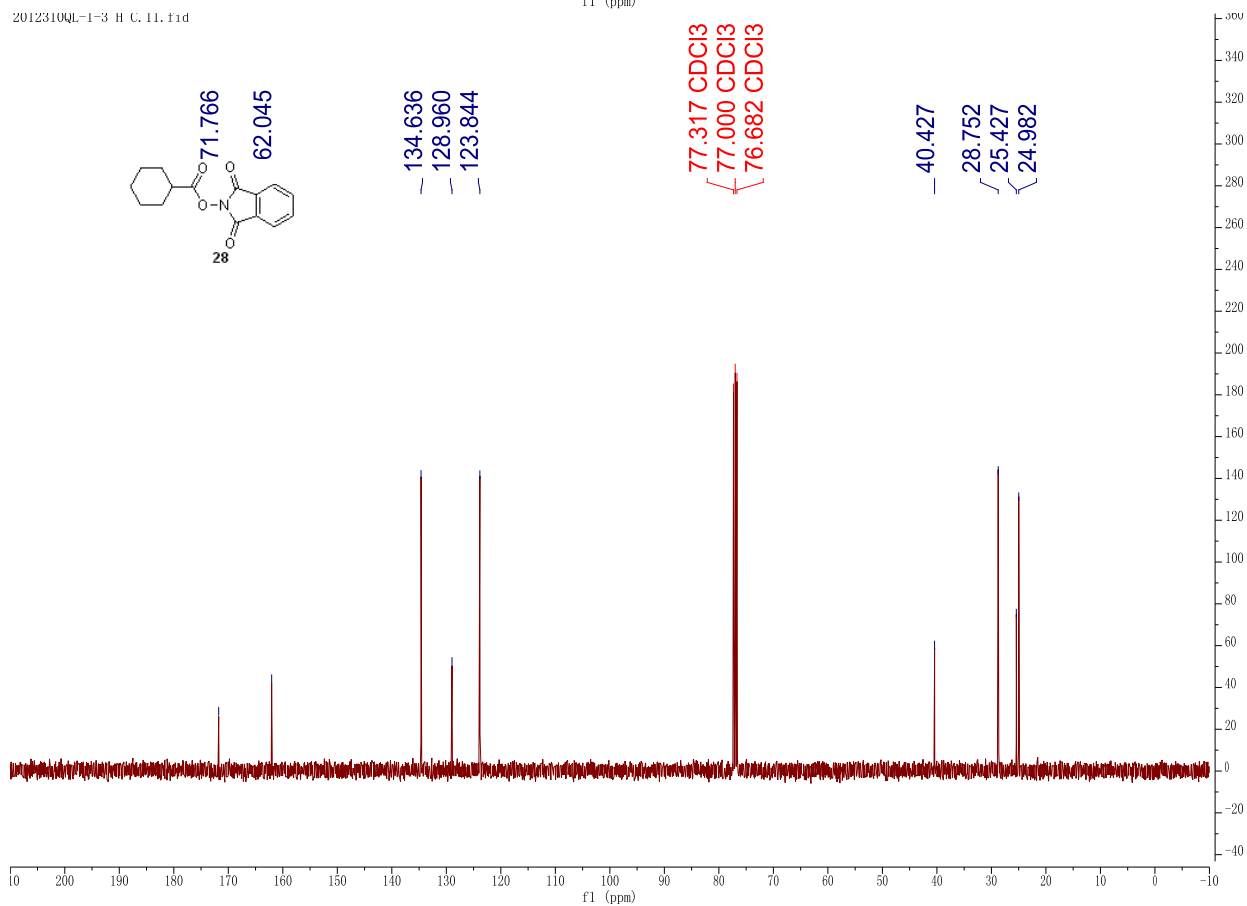
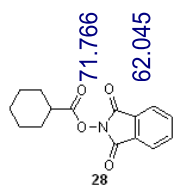




2012310QL-1-3 H C, 10, f1d



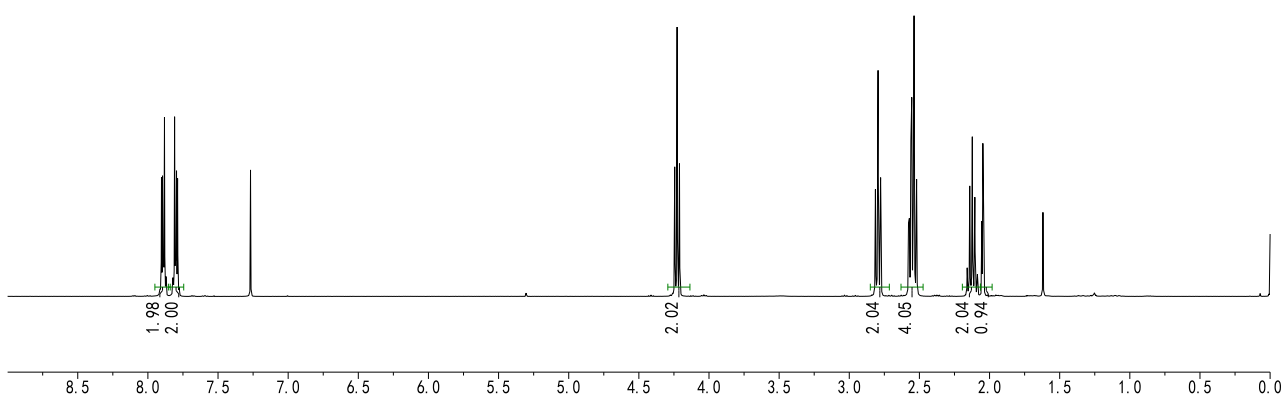
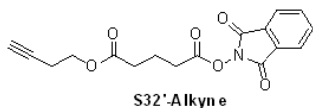
2012310QL-1-3 H C, 11, f1d



ZJ-II-49-CO

7.903  
7.895  
7.889  
7.882  
7.810  
7.802  
7.796  
7.788  
7.268

4.244  
4.227  
4.211  
2.813  
2.795  
2.777  
2.578  
2.571  
2.561  
2.557  
2.555  
2.544  
2.538  
2.520  
2.199  
2.141  
2.123  
2.105  
2.087  
2.054  
2.048  
2.041



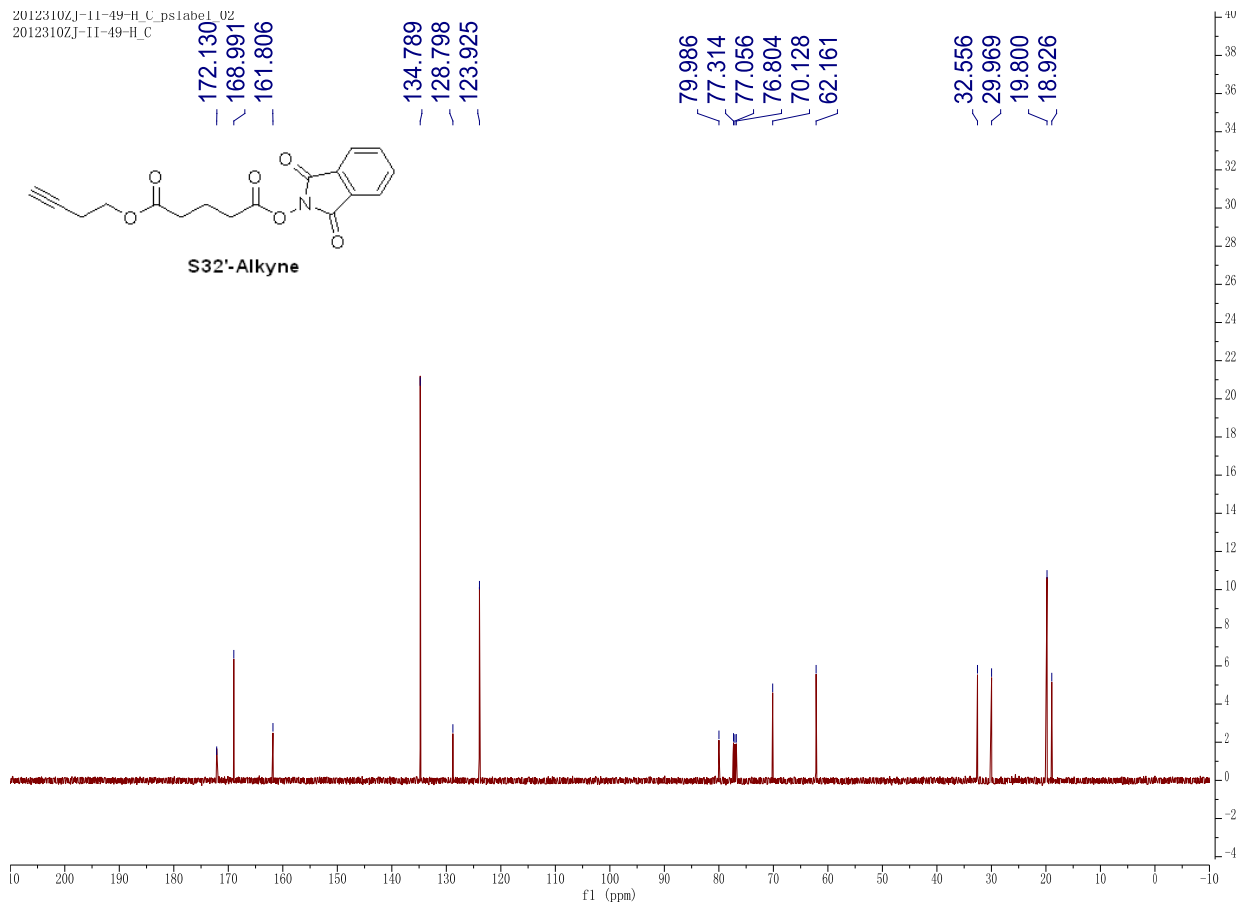
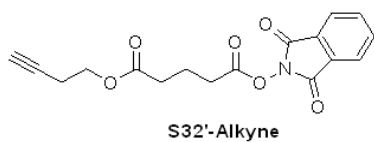
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2012310ZJ-II-49-H\_C

172.130  
168.991  
161.806

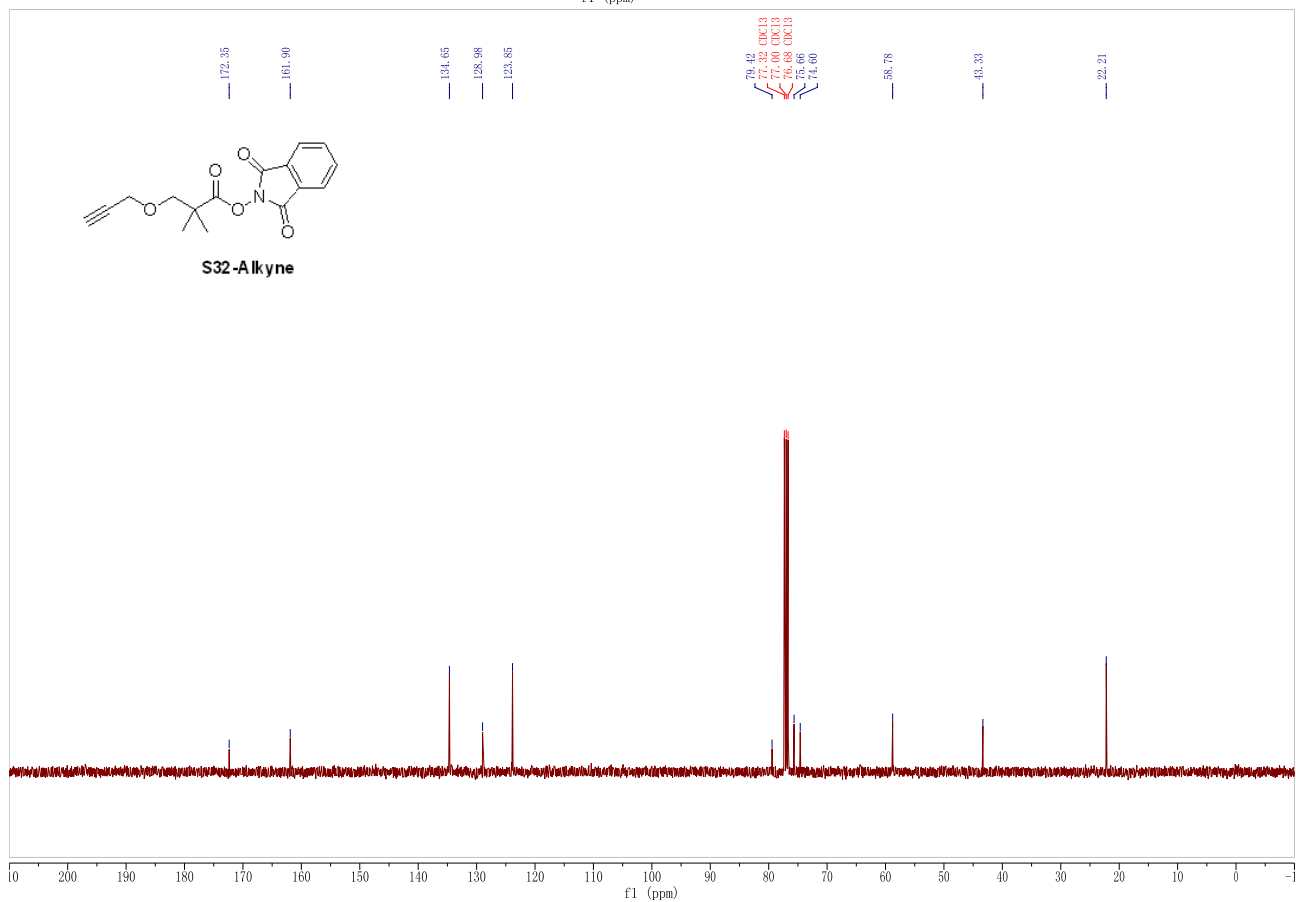
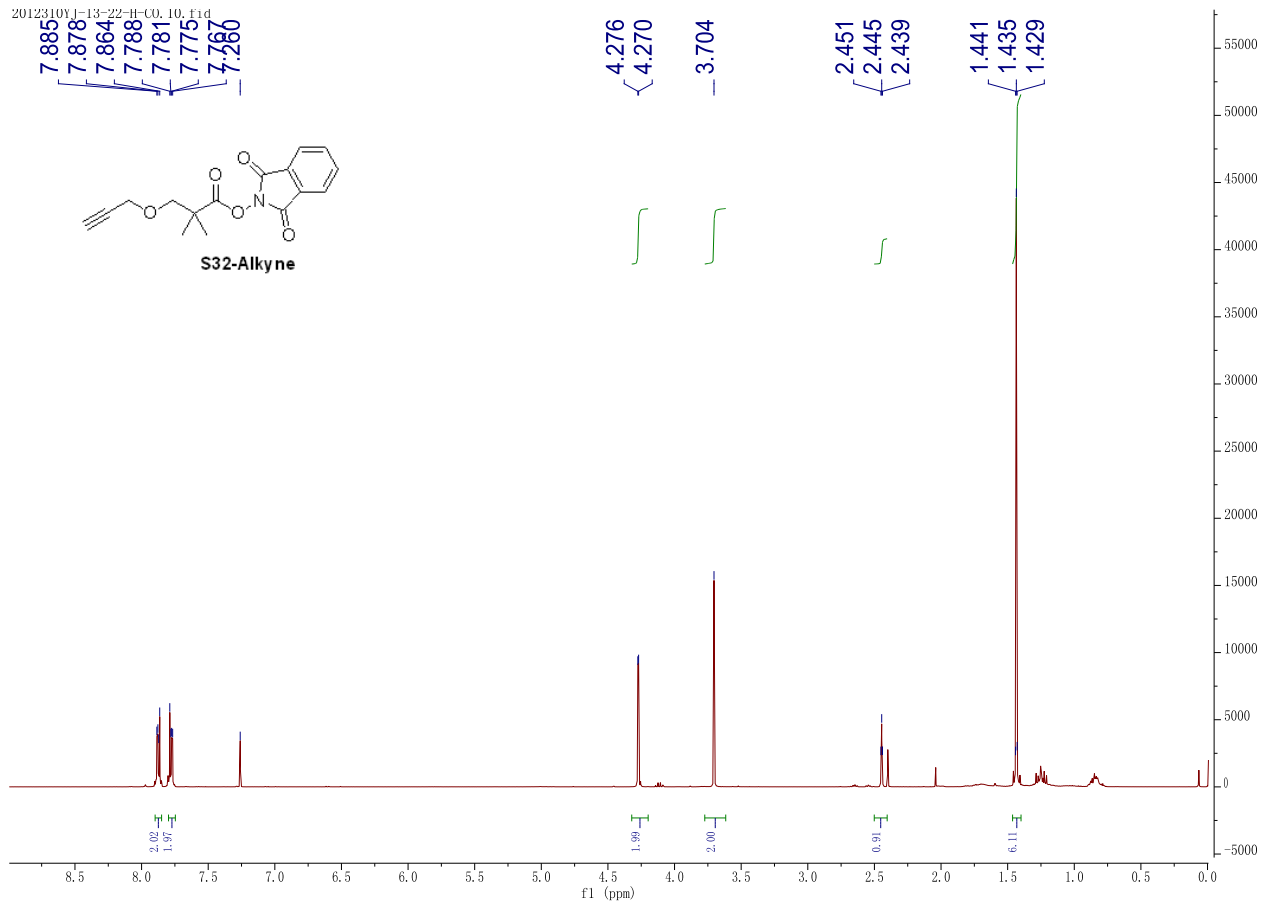
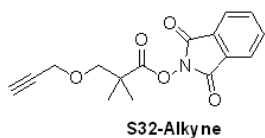
134.789  
128.798  
123.925

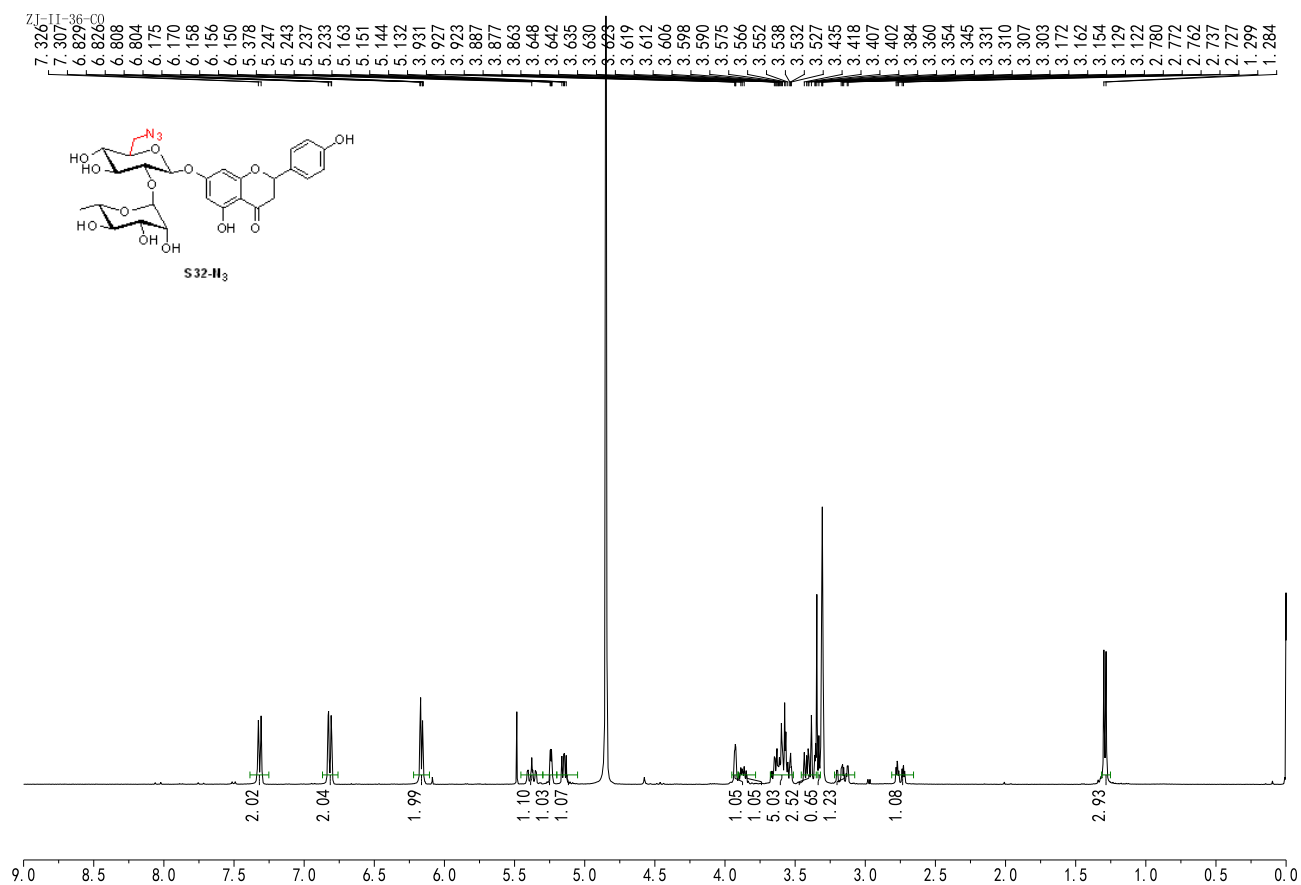
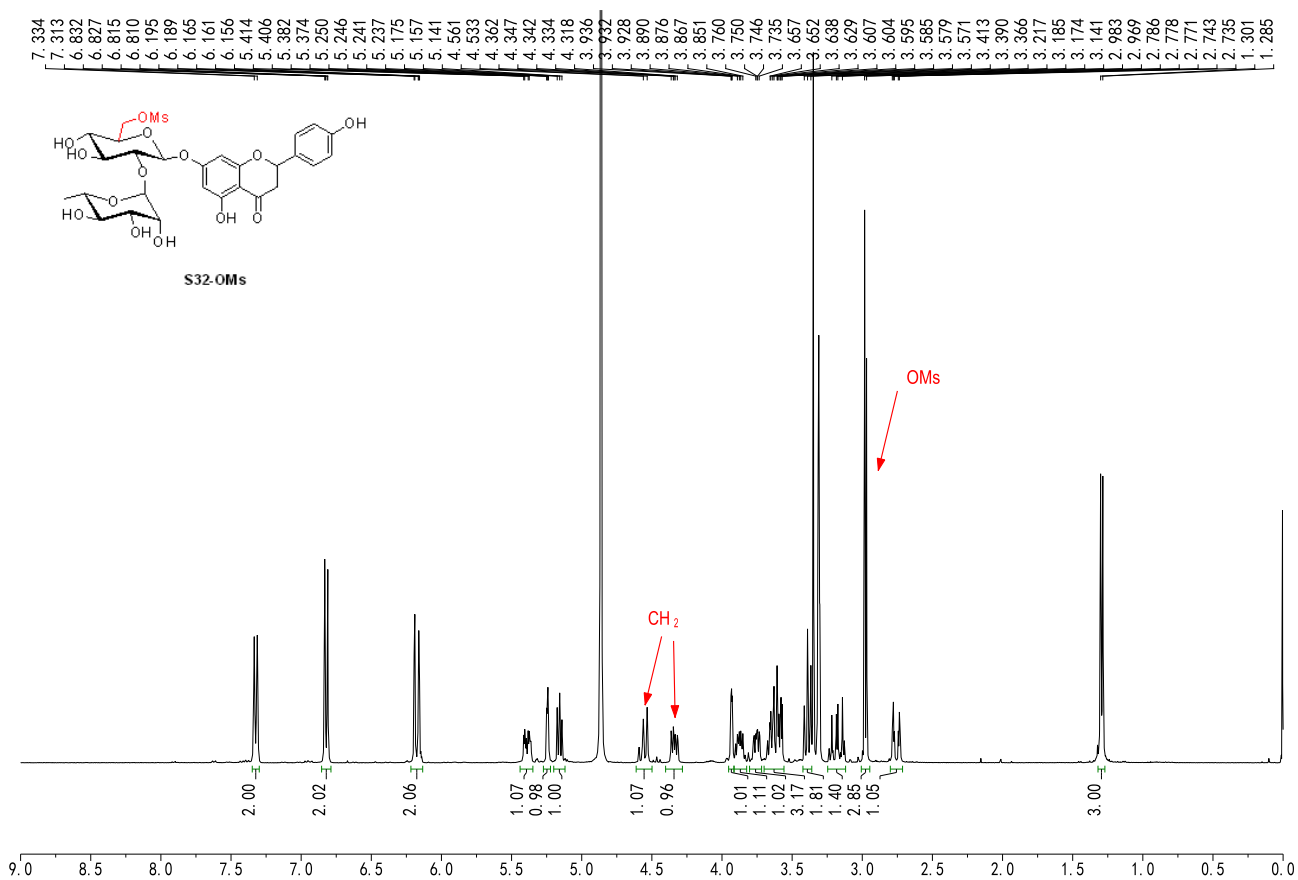
79.986  
77.314  
77.056  
76.804  
70.128  
62.161

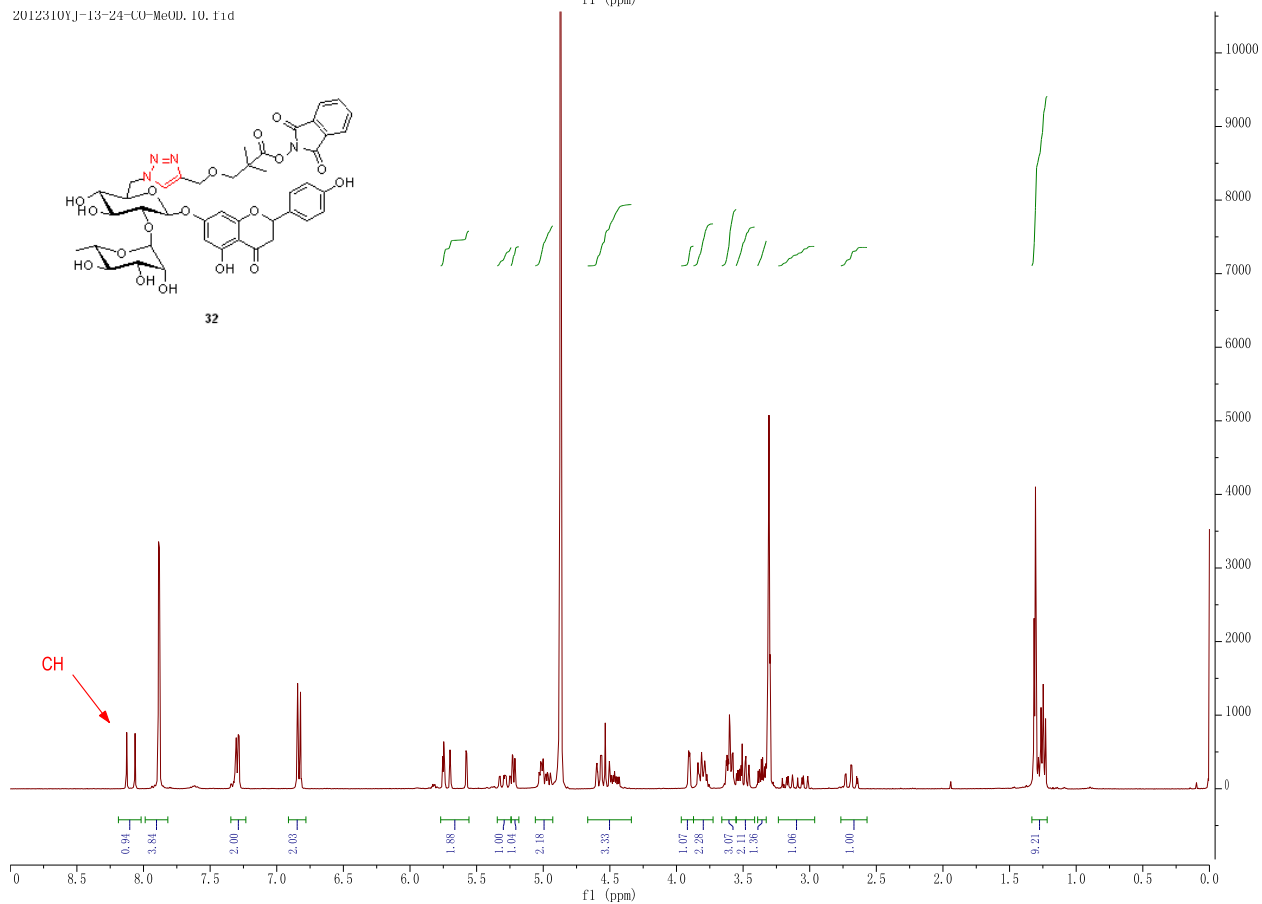
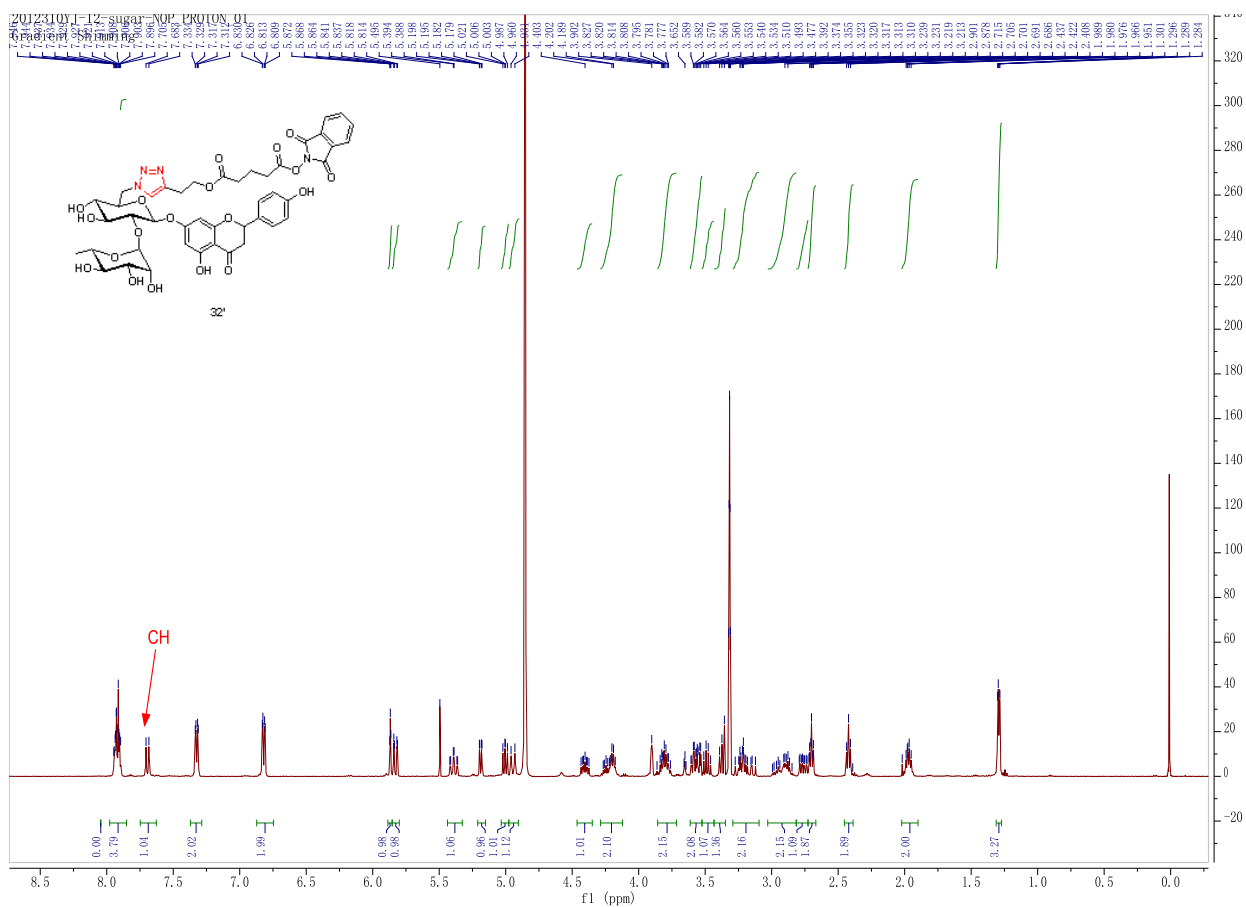
32.556  
29.969  
19.800  
18.926

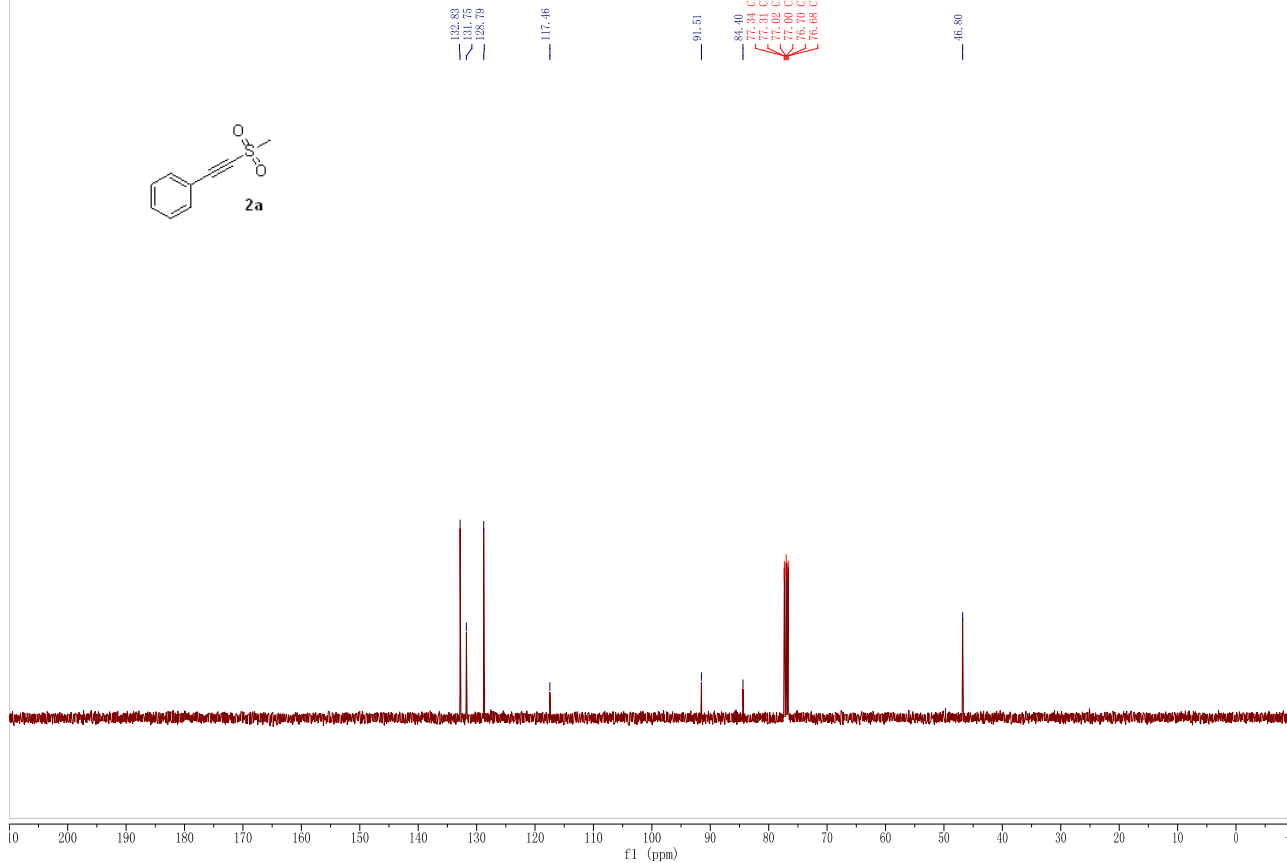
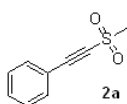
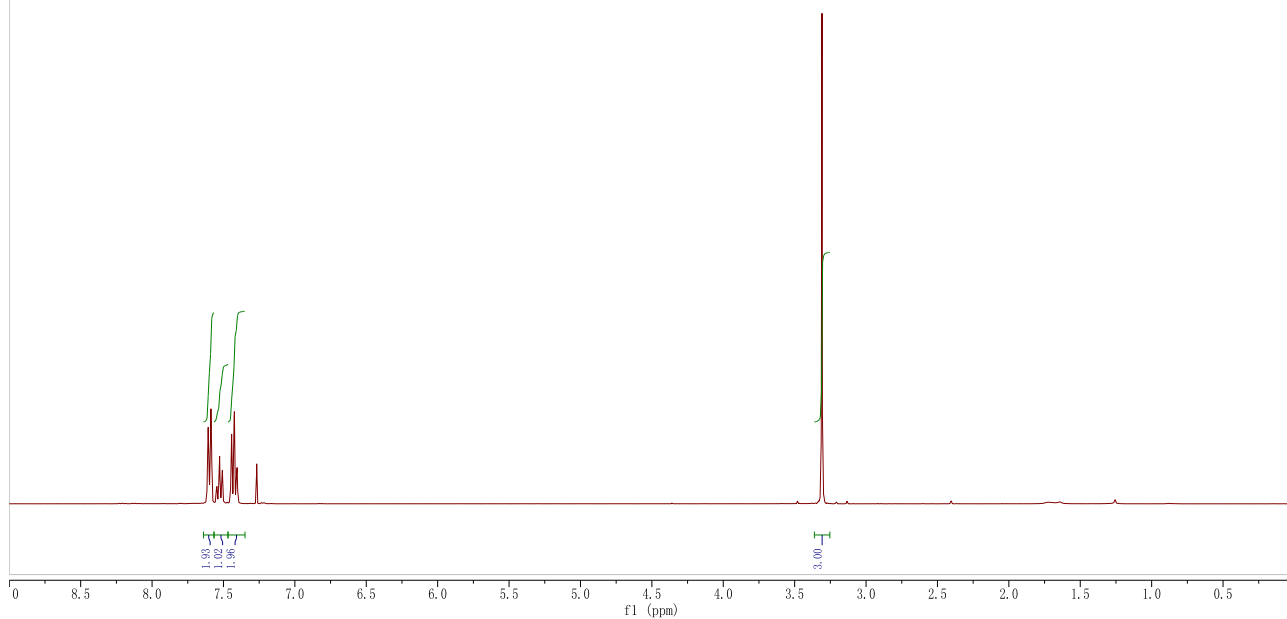
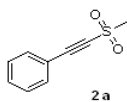


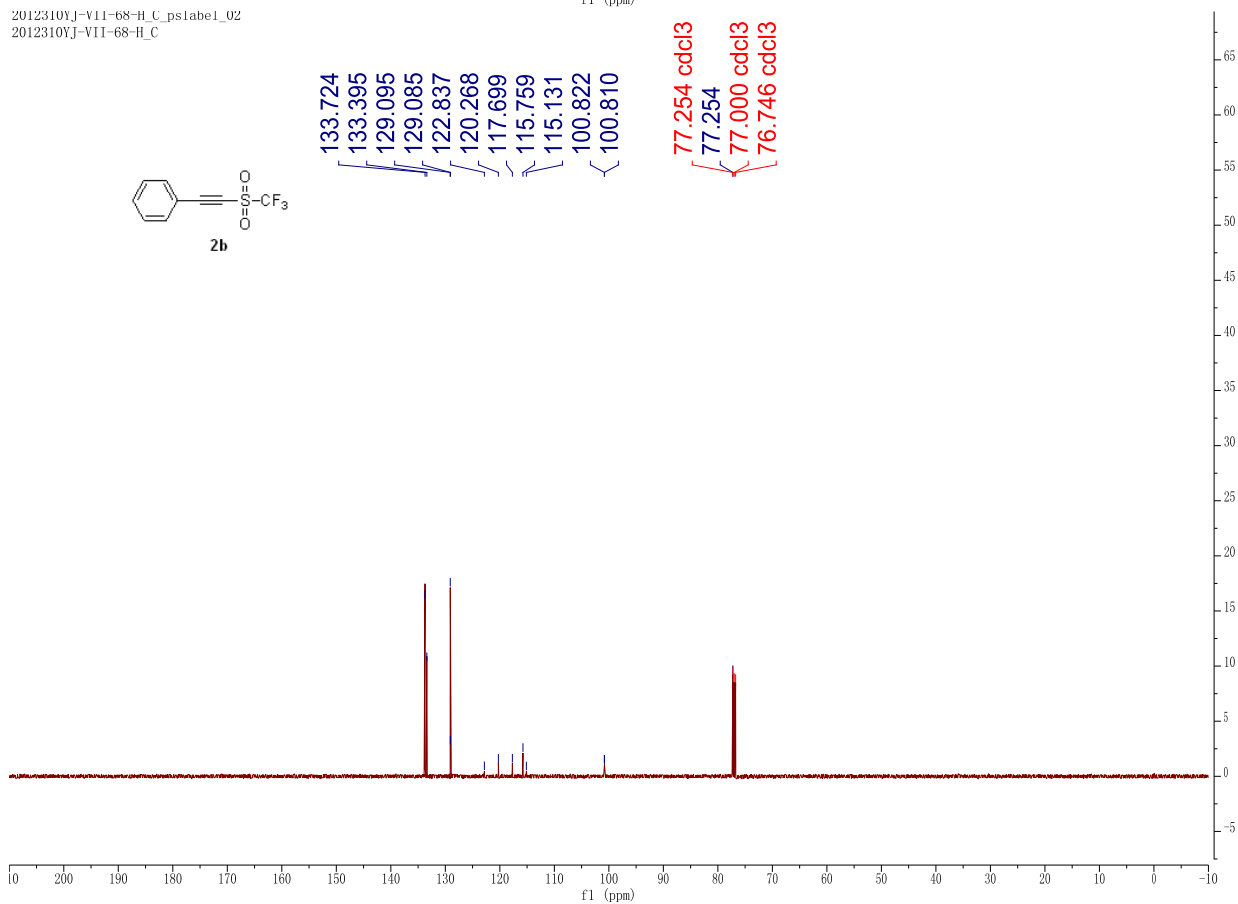
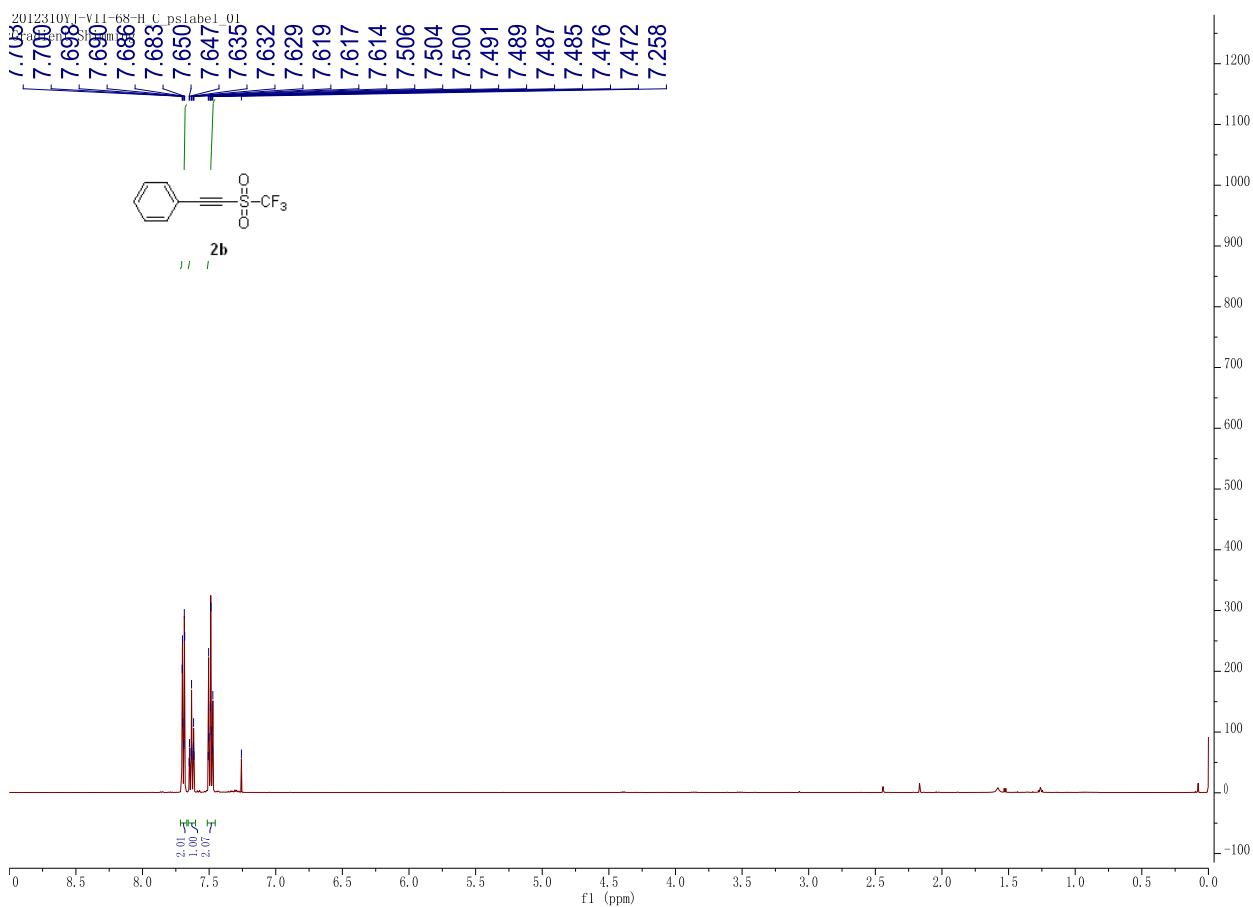
20123108 1-13-22-H-CO\_10.f1d

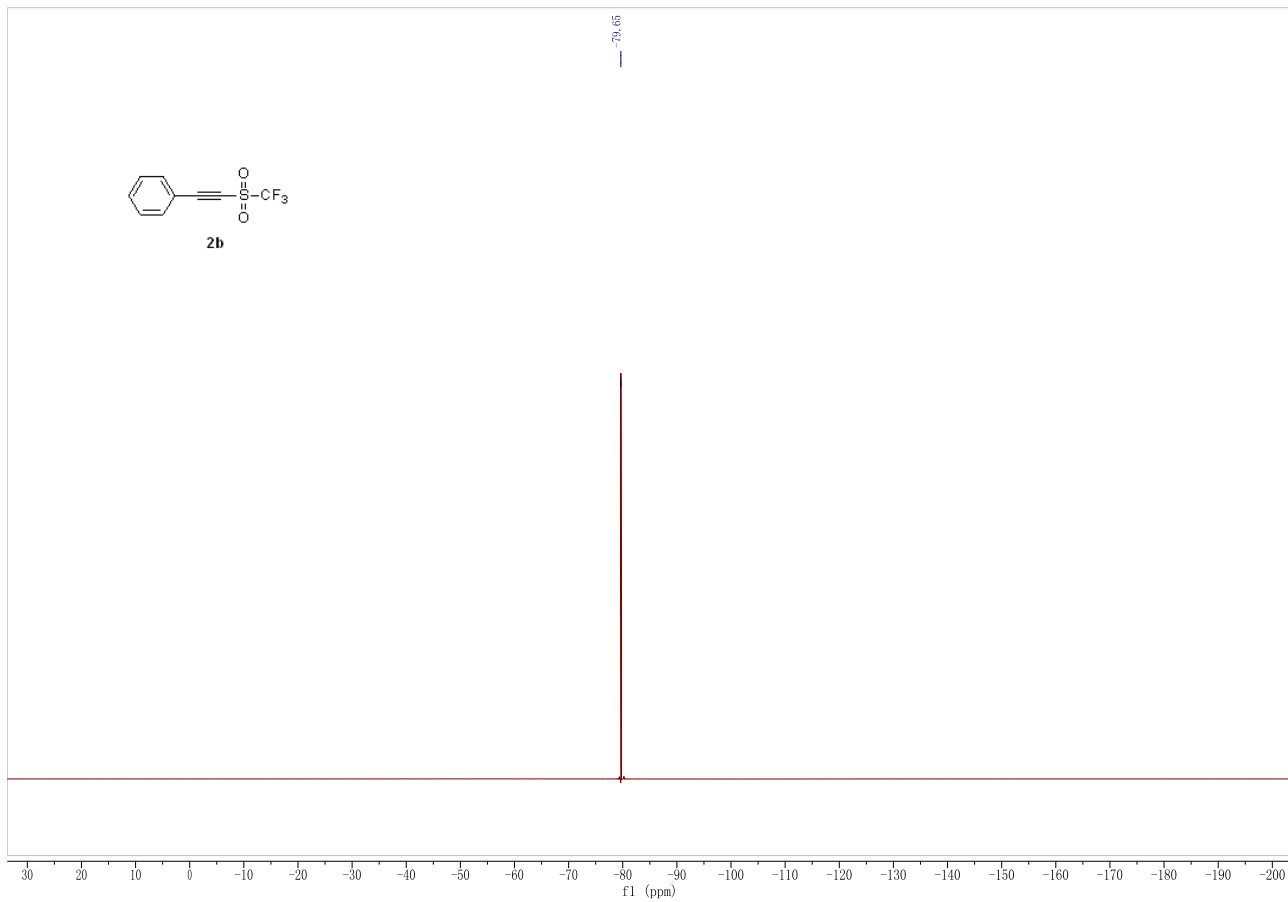
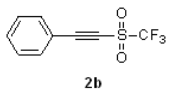




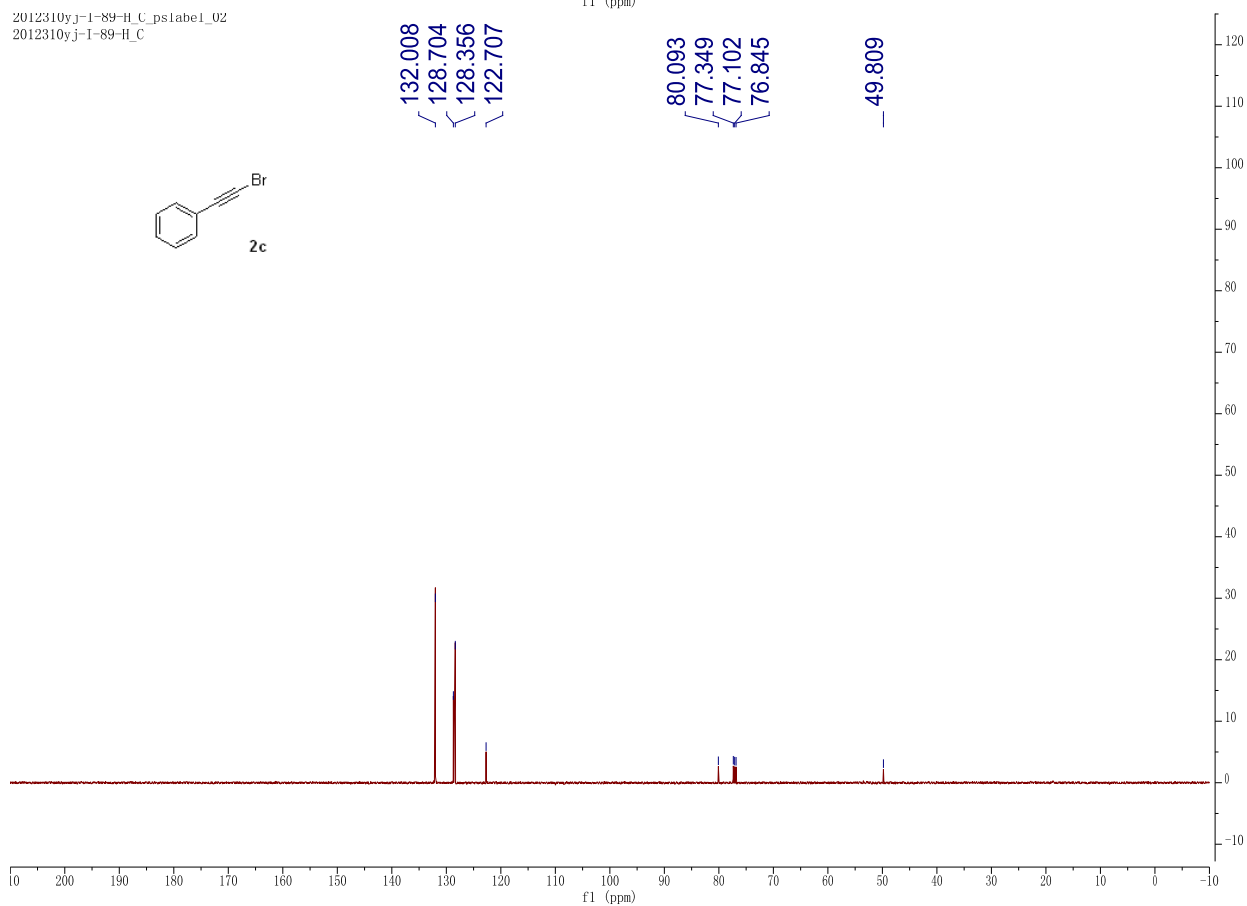
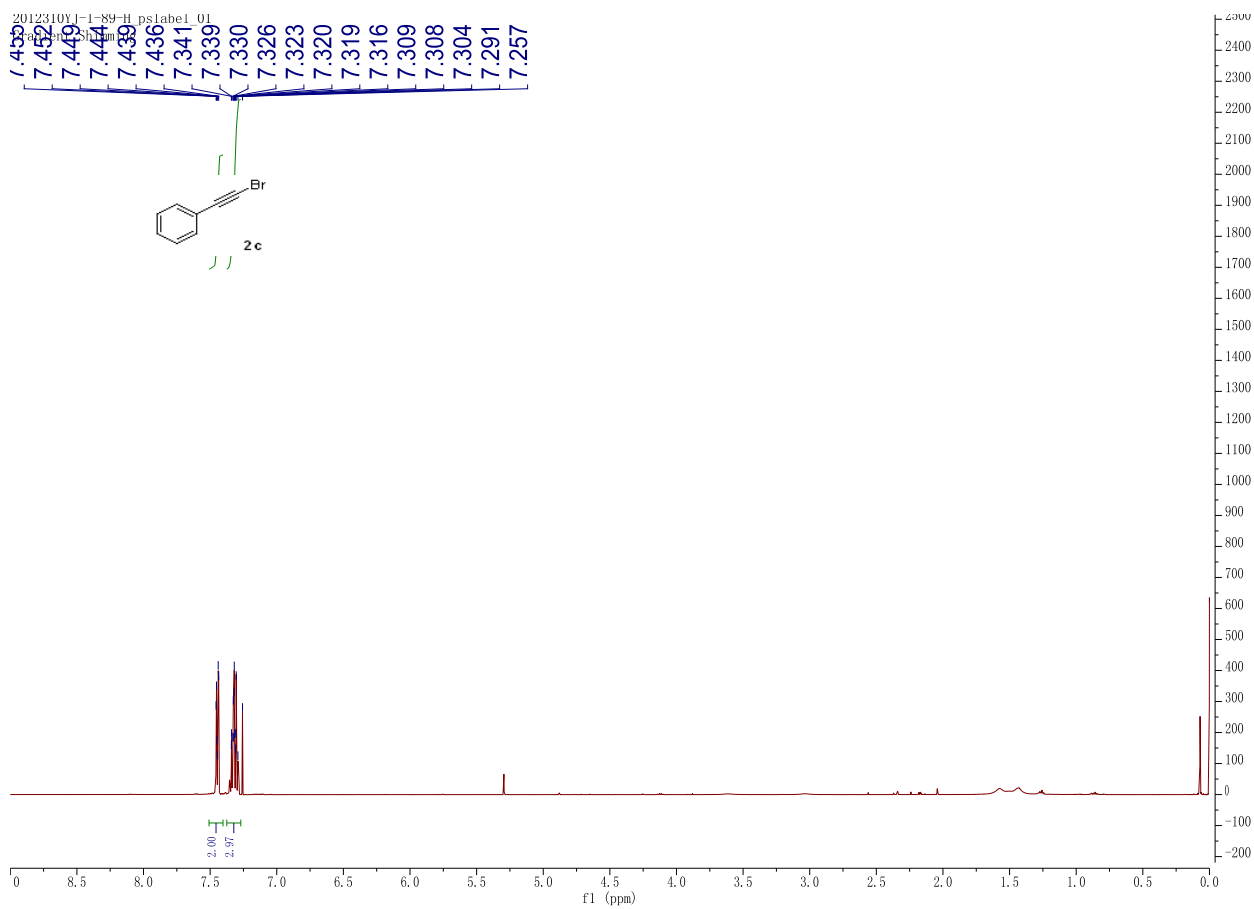




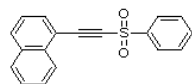




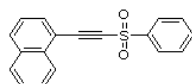
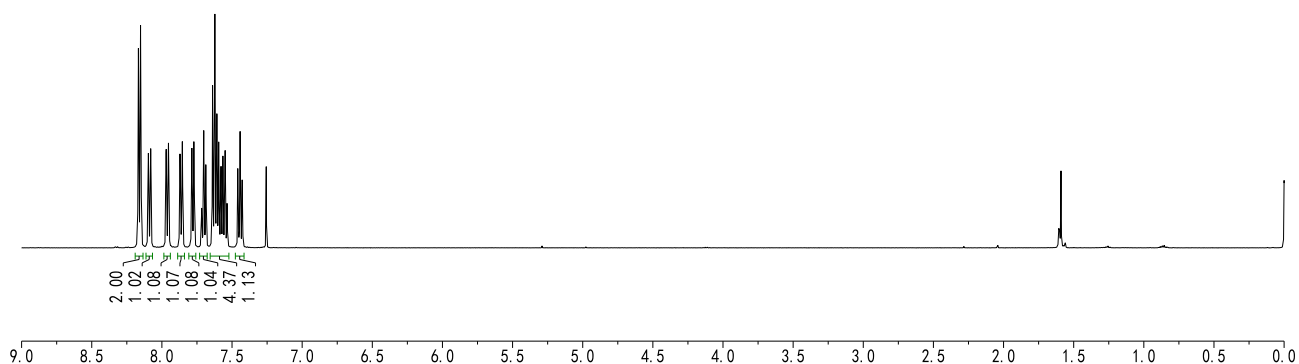




8.167  
8.152  
8.150  
8.096  
8.080  
7.969  
7.953  
7.871  
7.854  
7.786  
7.772  
7.701  
7.687  
7.638  
7.623  
7.608  
7.595  
7.593  
7.581  
7.579  
7.565  
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7.549  
7.459  
7.442  
7.428

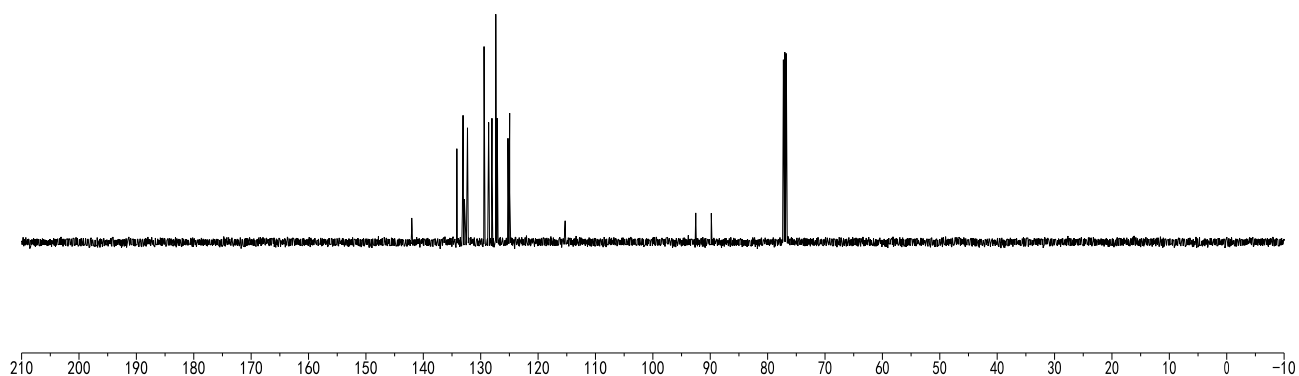


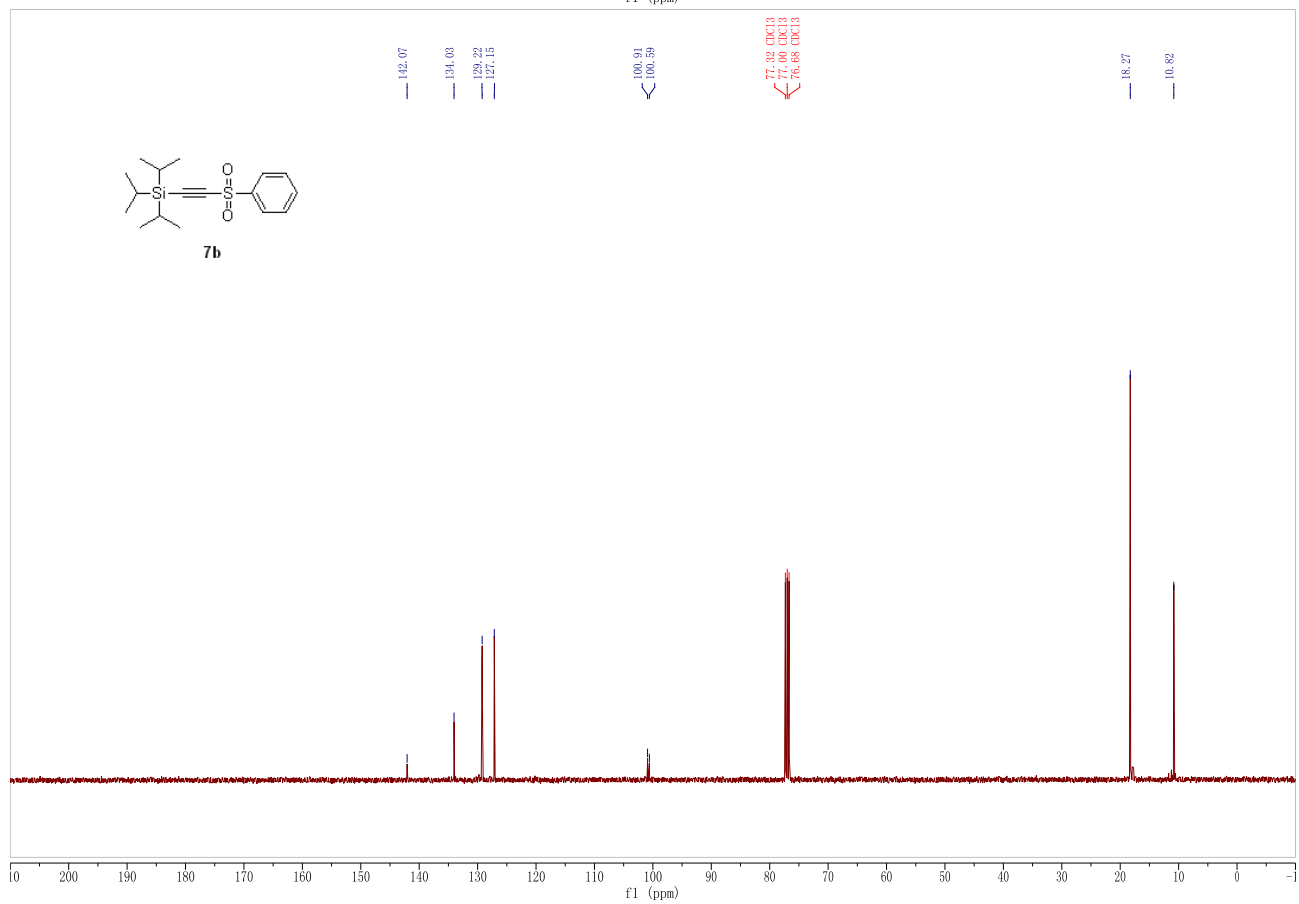
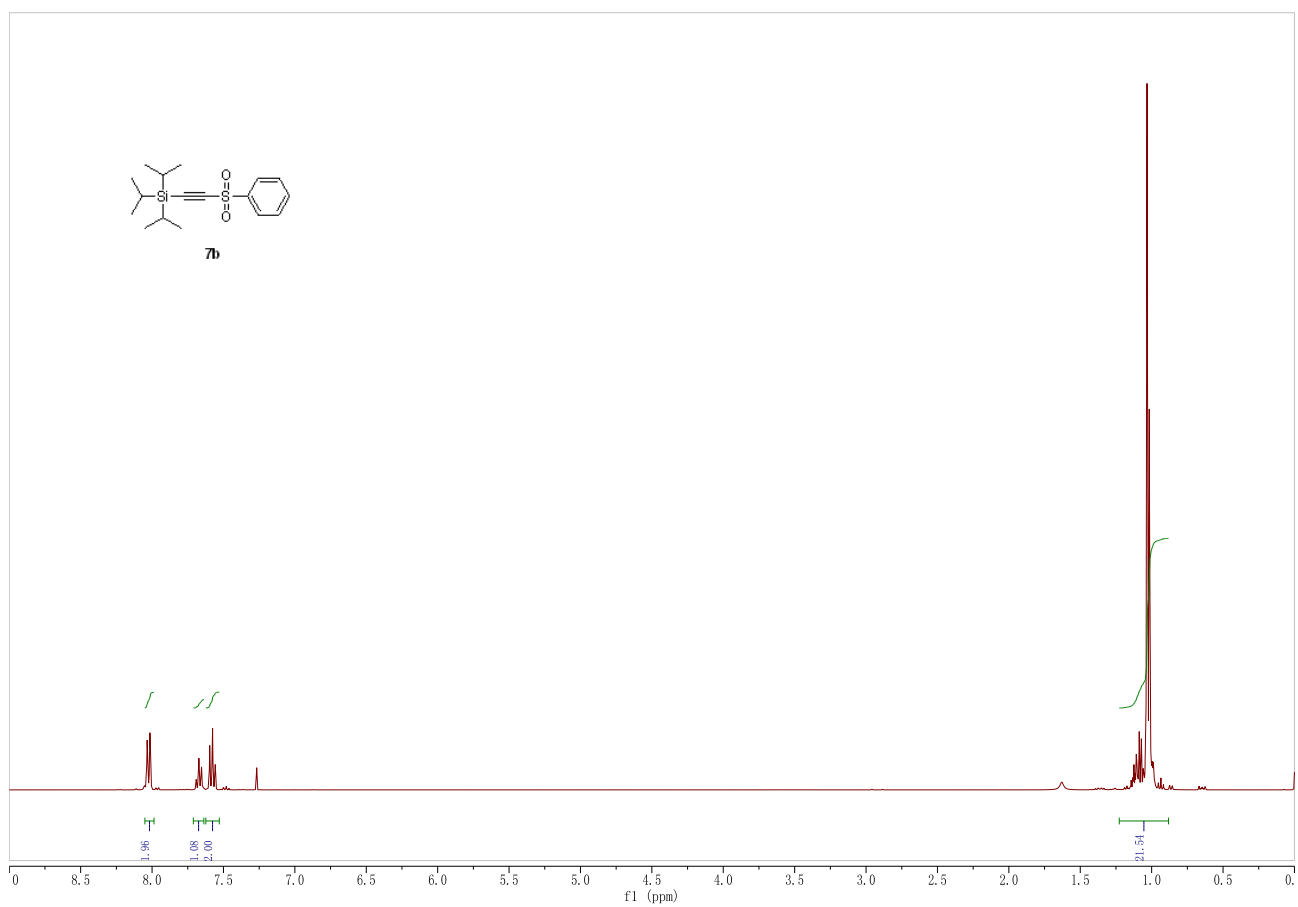
**4b**

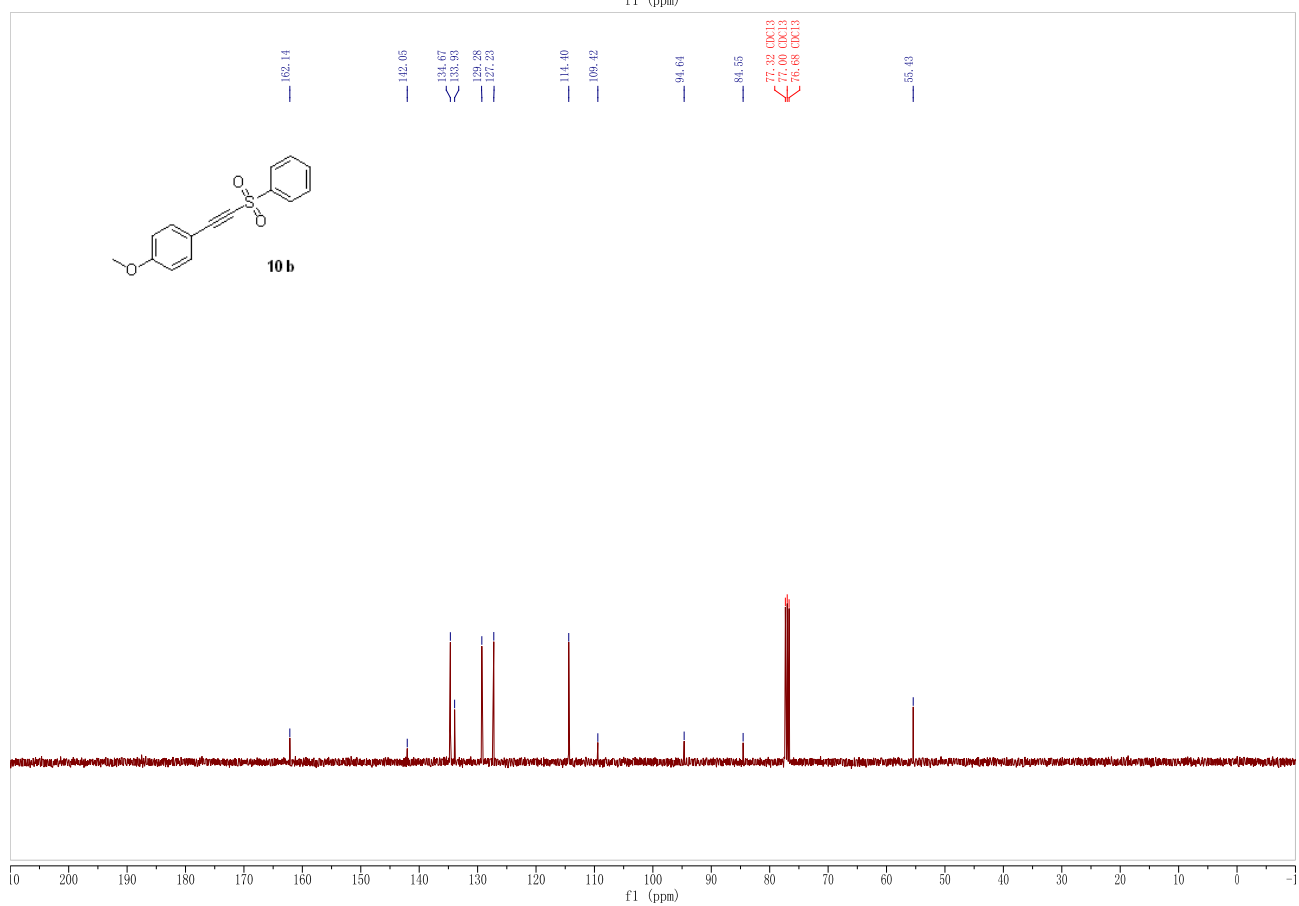
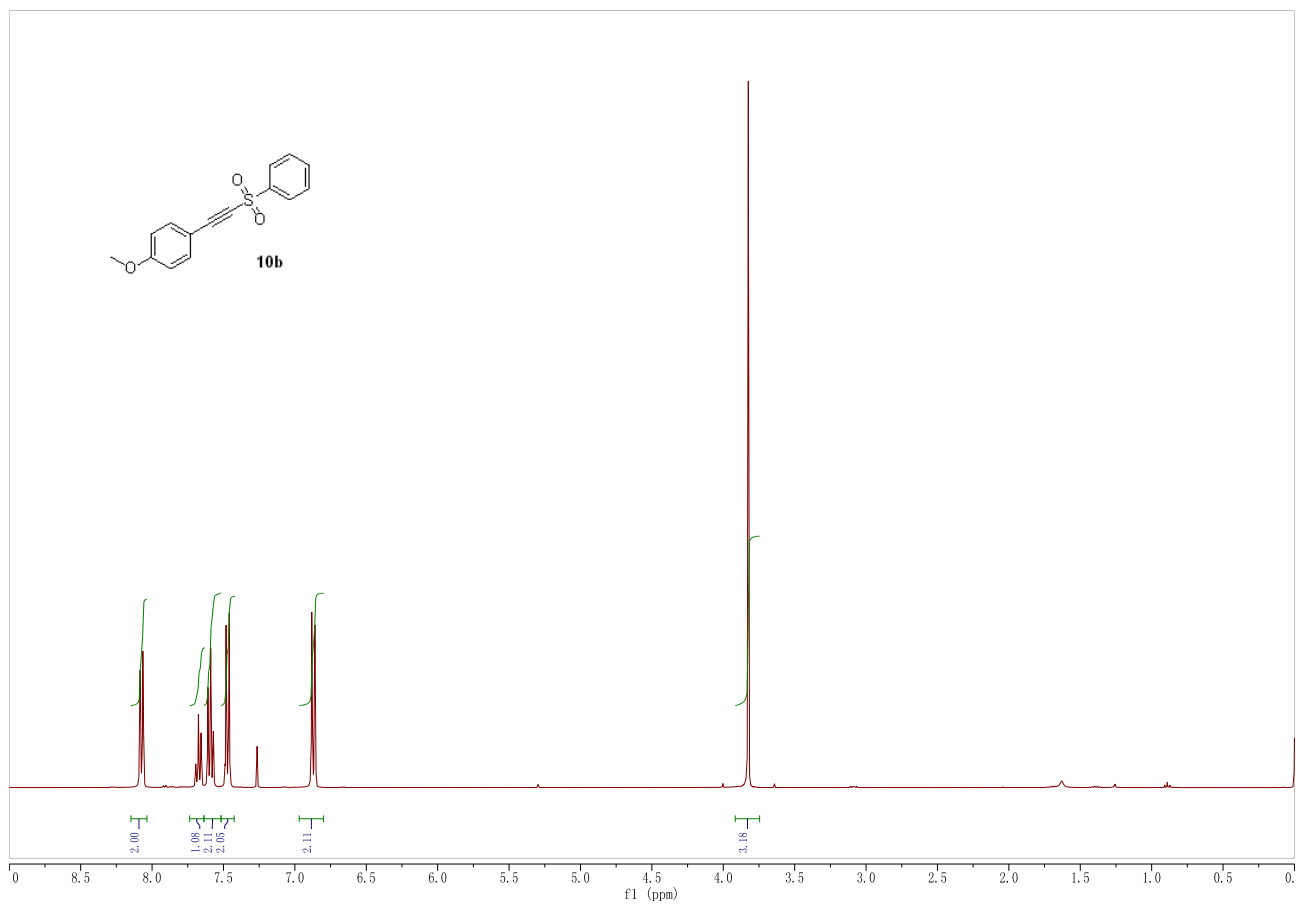


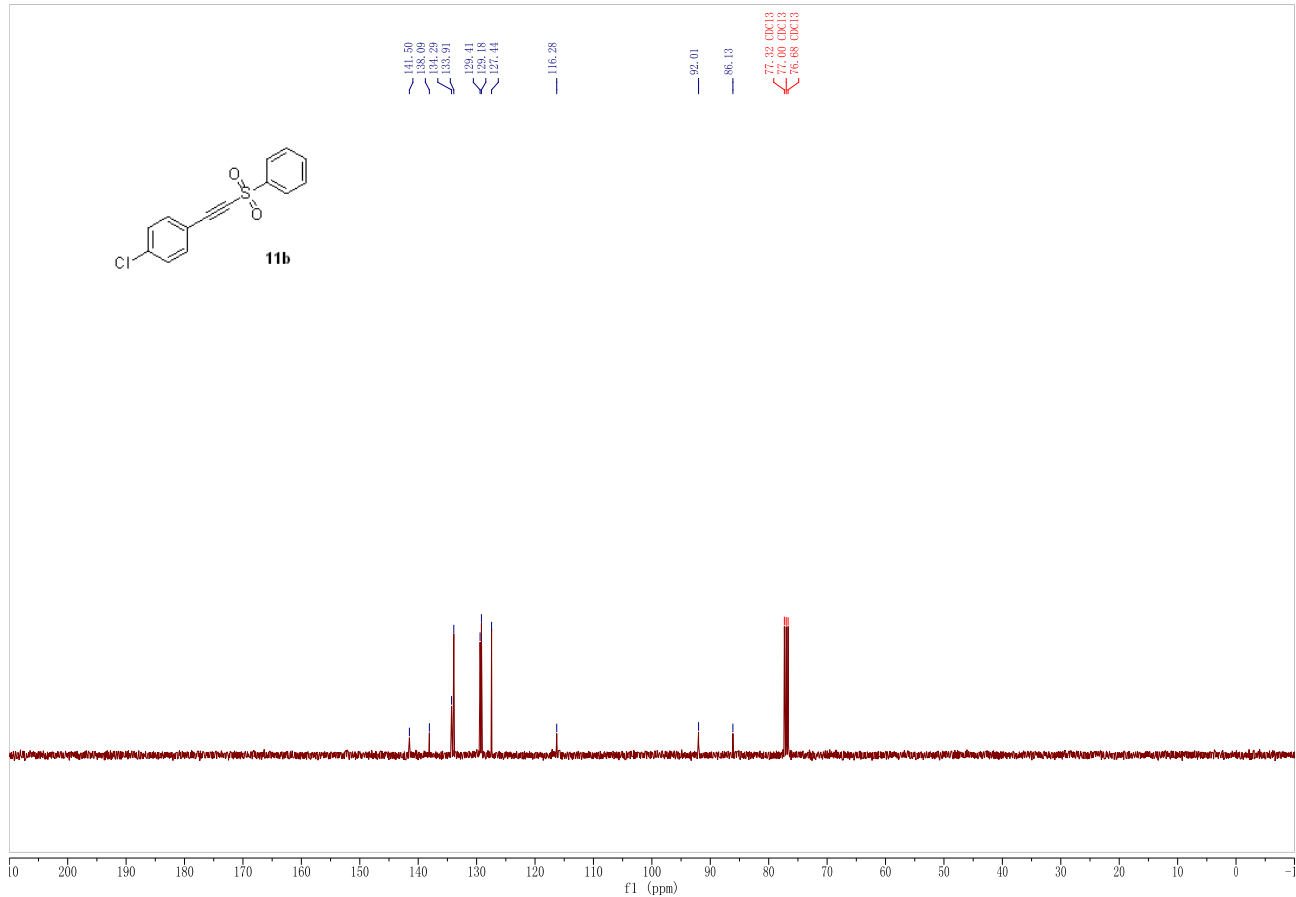
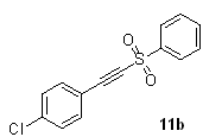
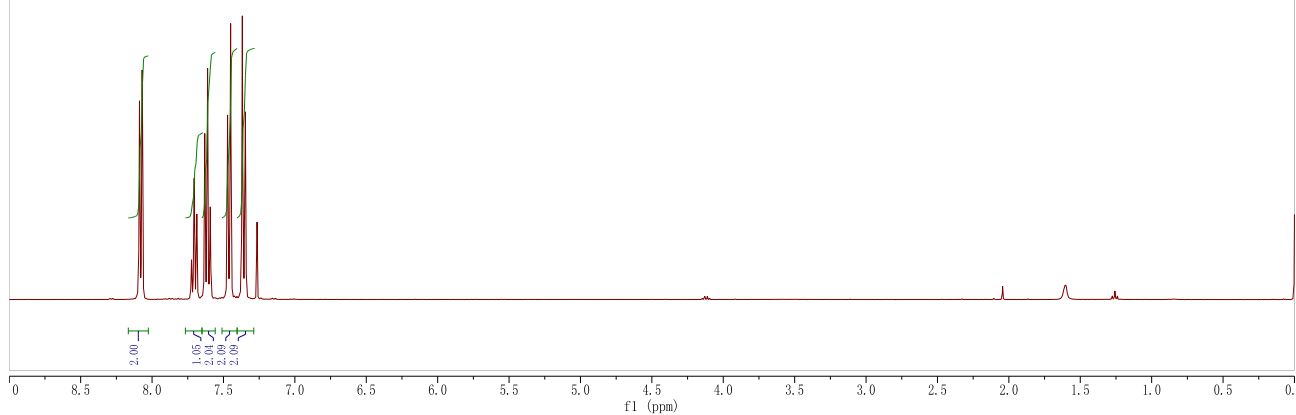
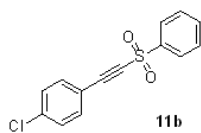
**4b**

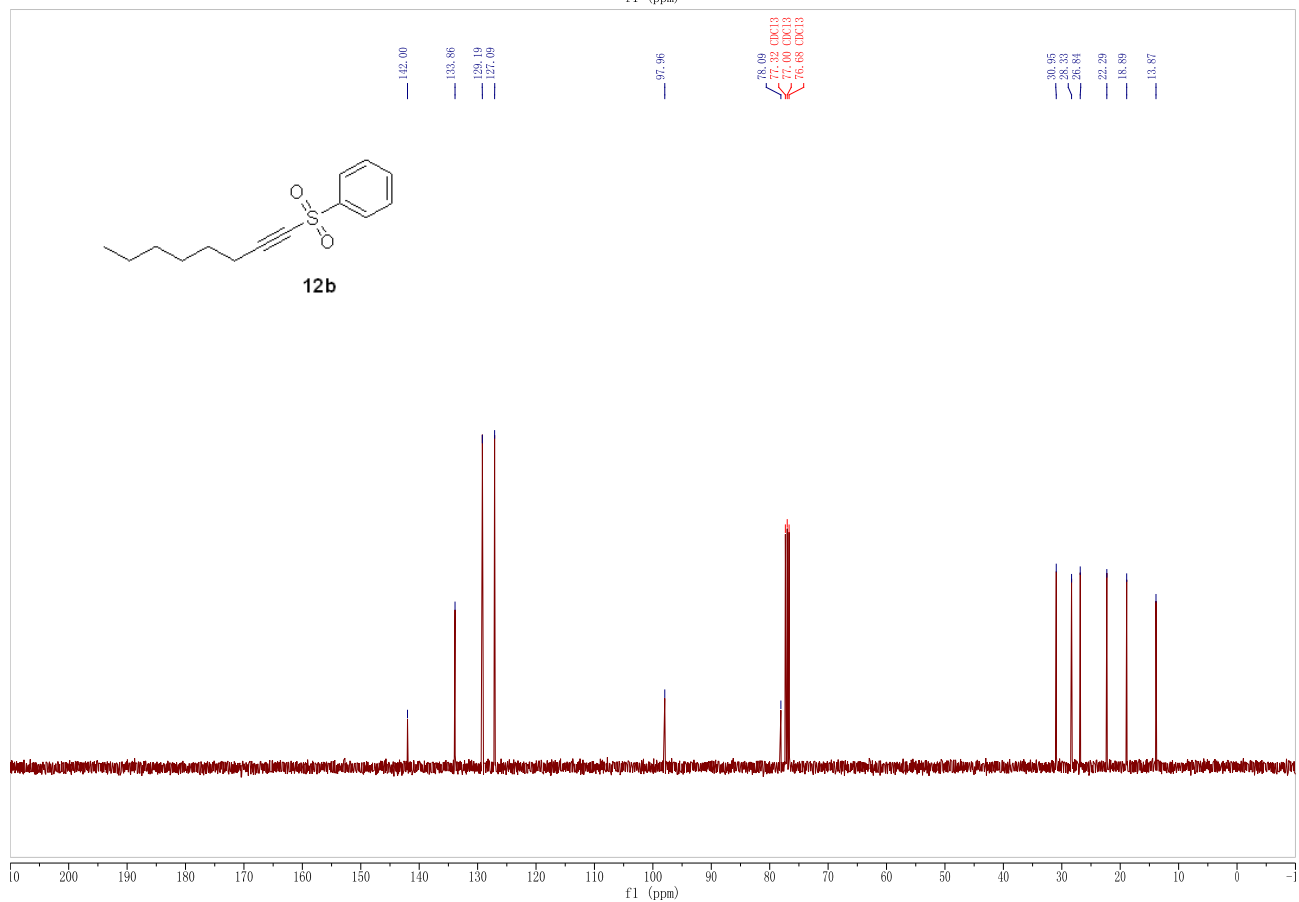
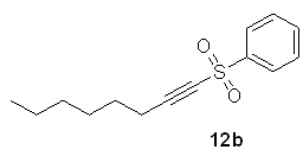
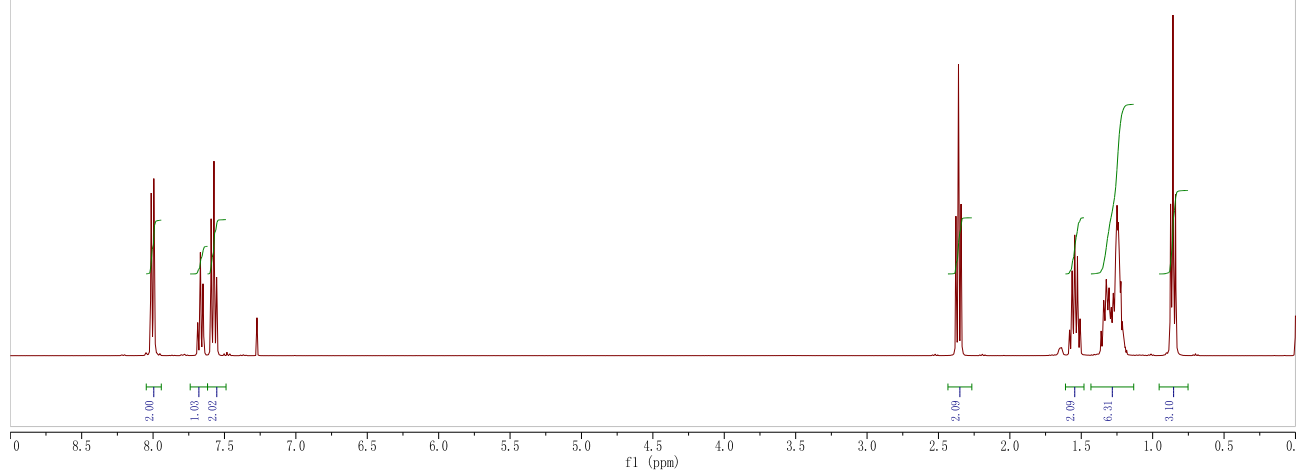
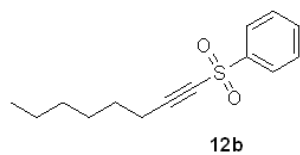
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142.021  
134.157  
133.195  
133.076  
132.841  
132.303  
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128.615  
128.037  
127.370  
127.129  
125.247  
124.951  
115.324  
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92.527  
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89.816  
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77.000 cdc13  
76.746 cdc13

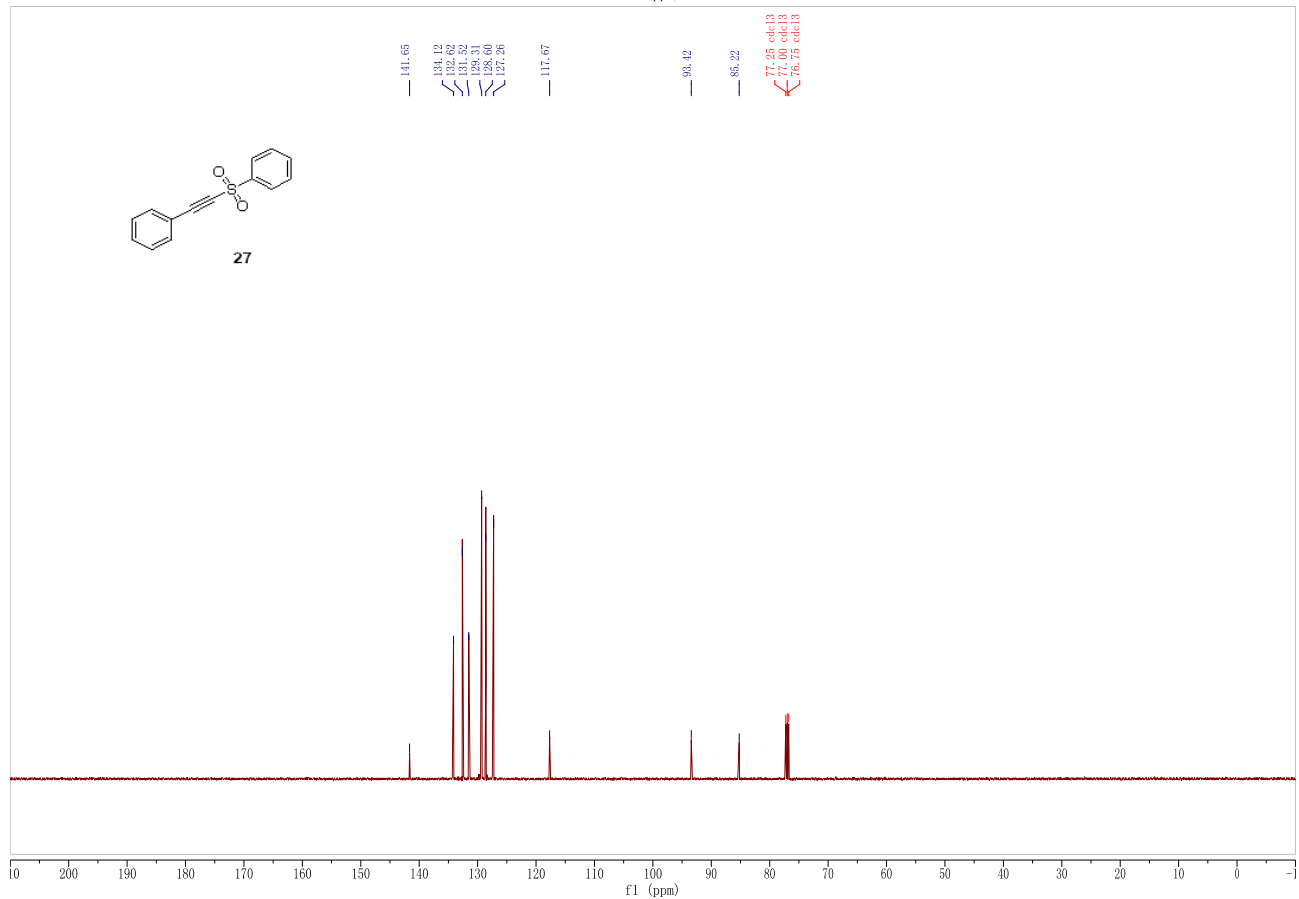
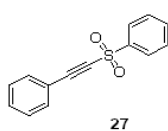
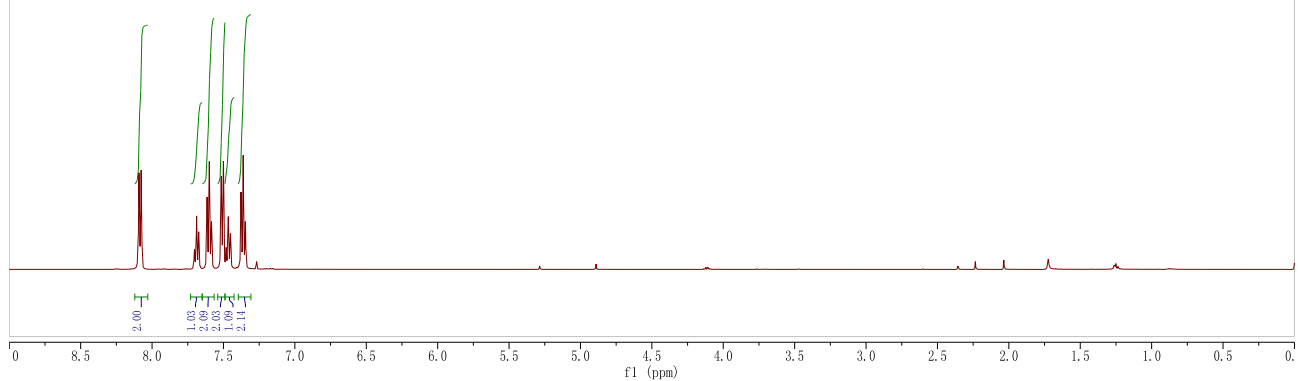
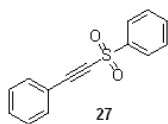


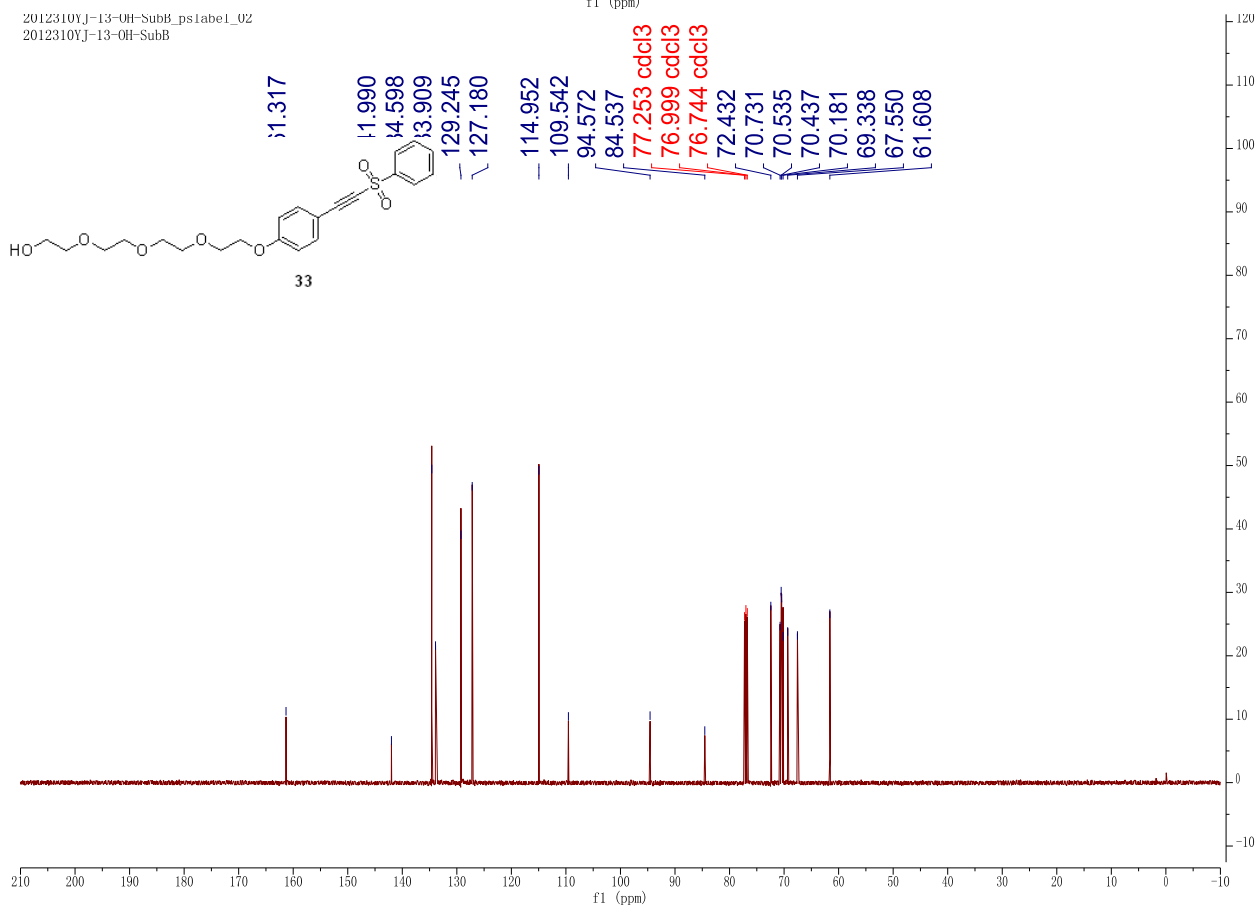
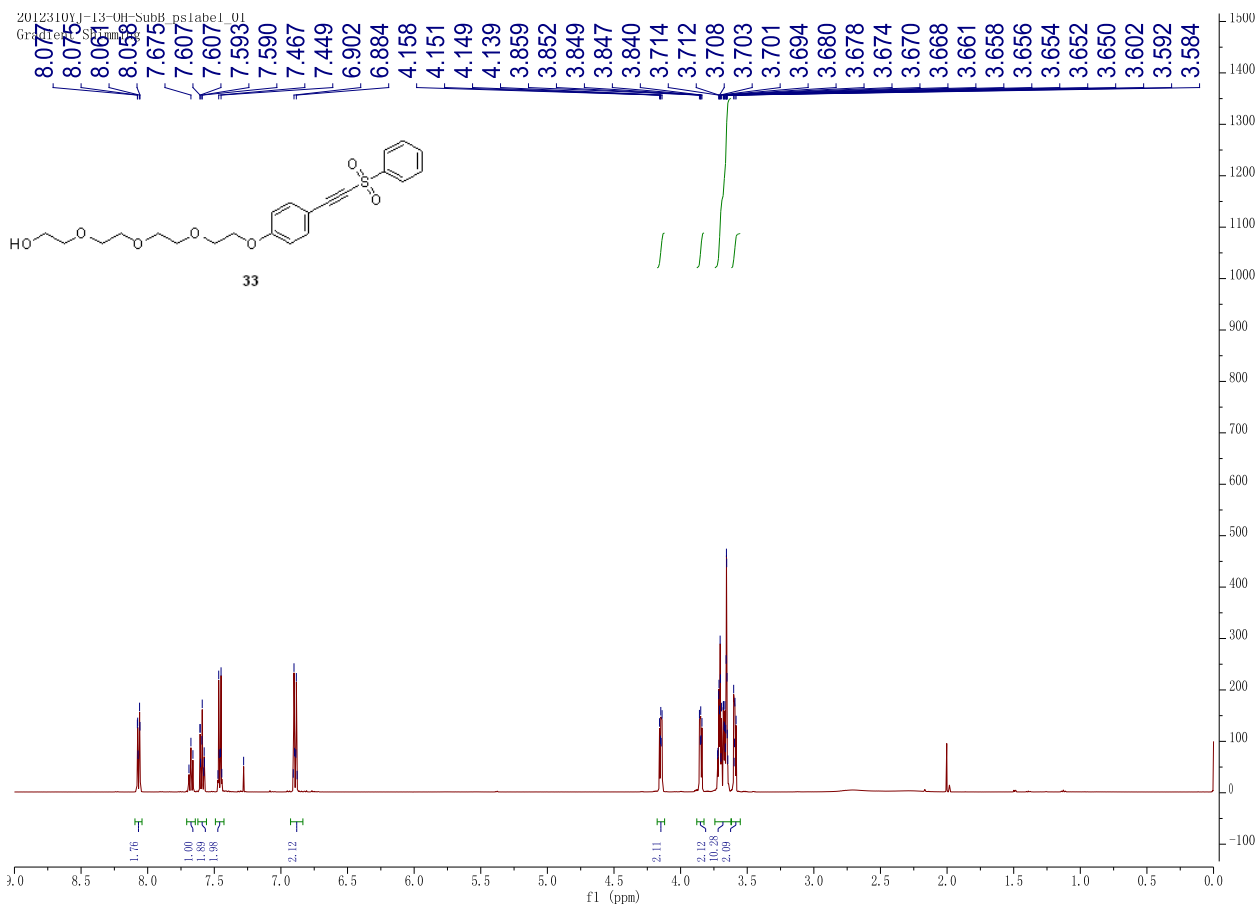




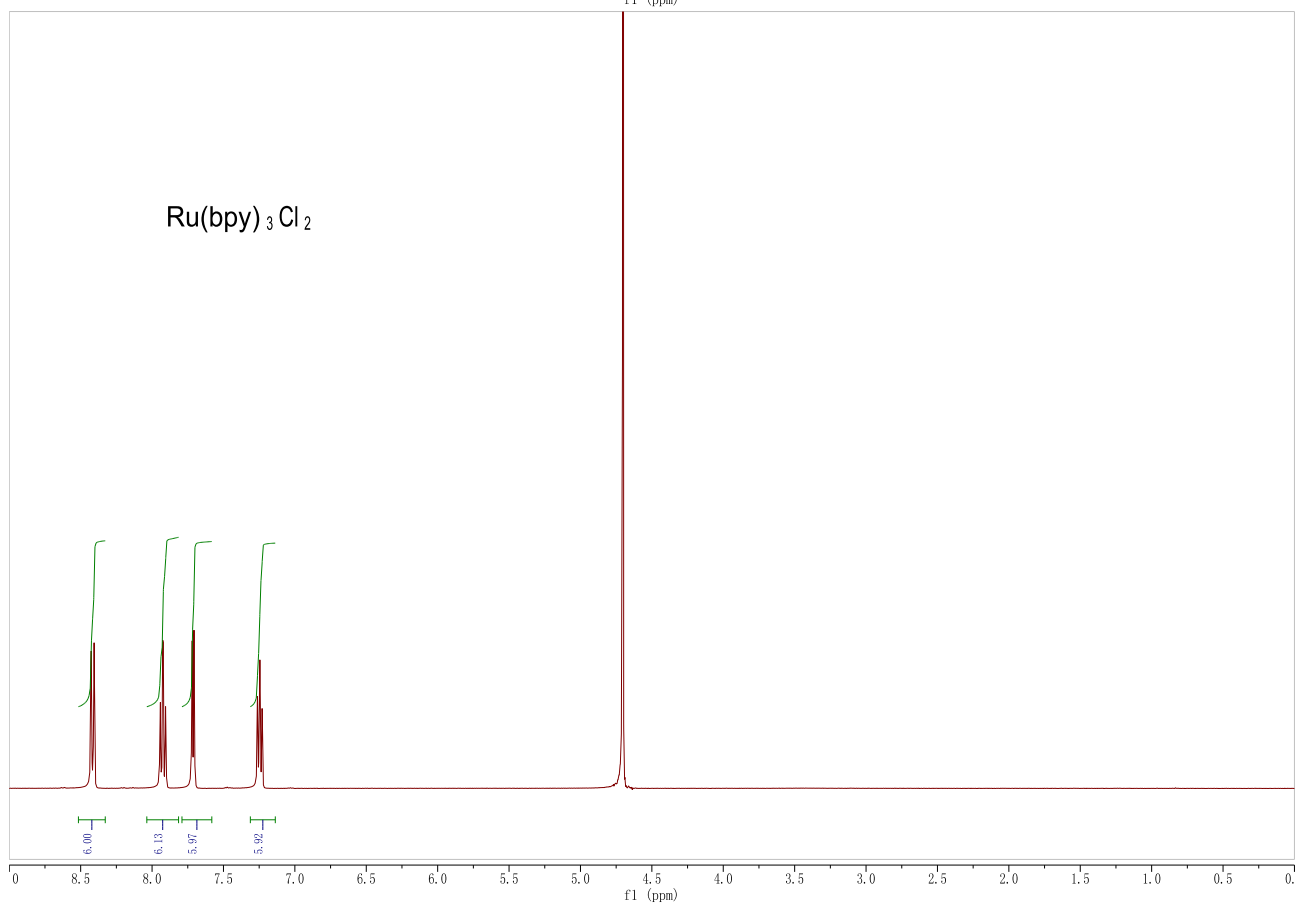
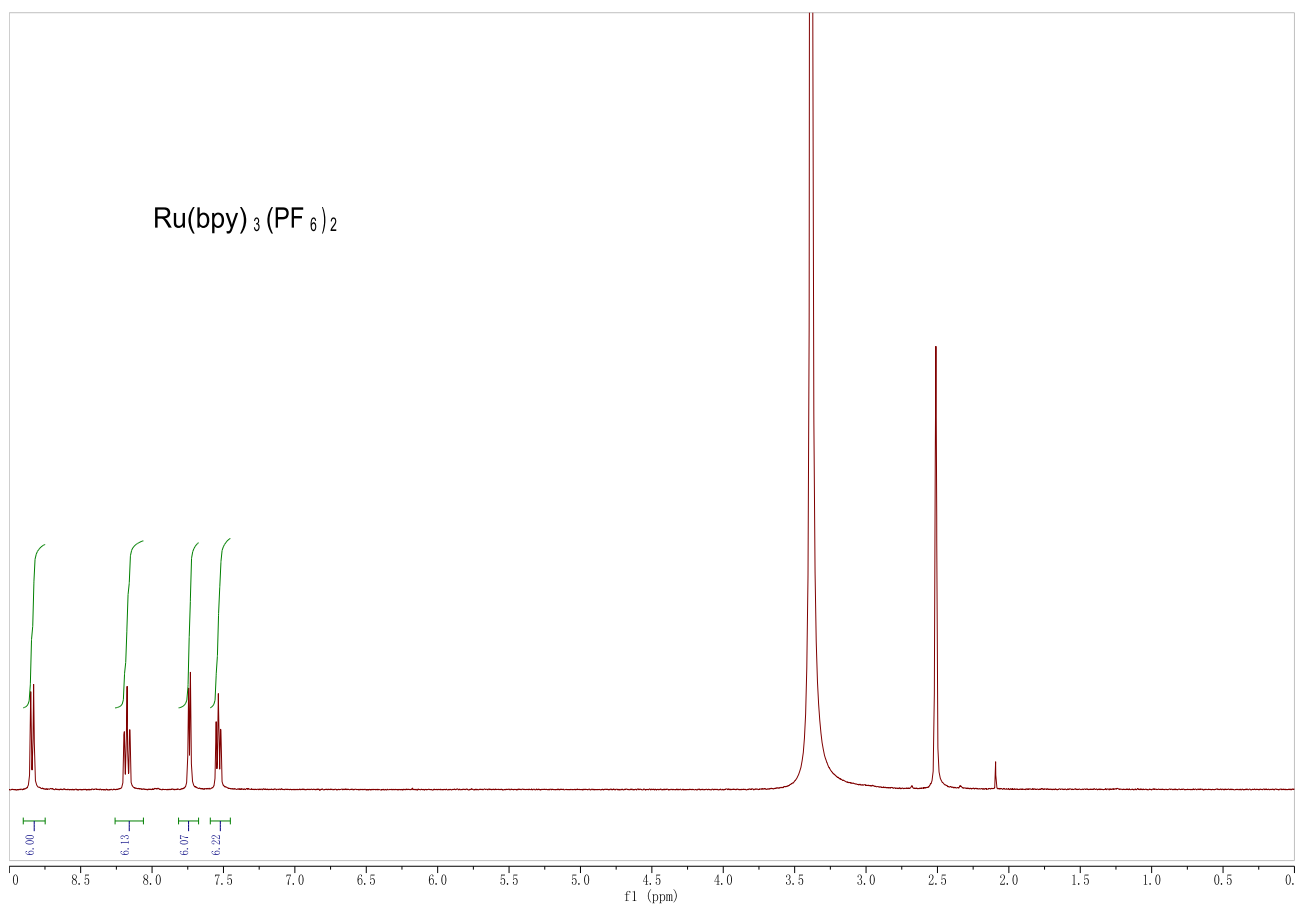


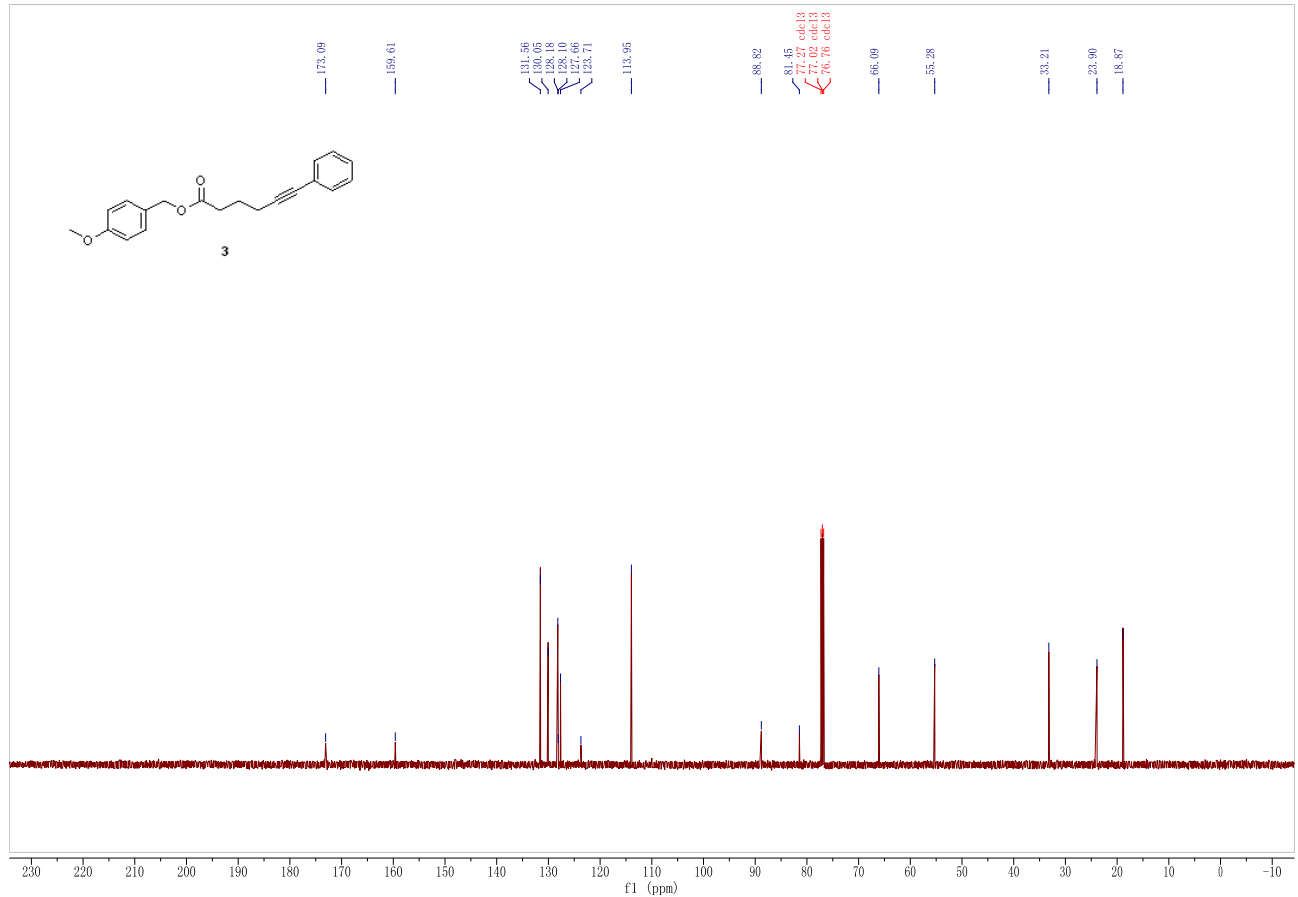
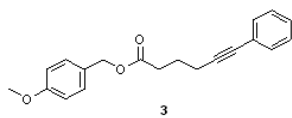
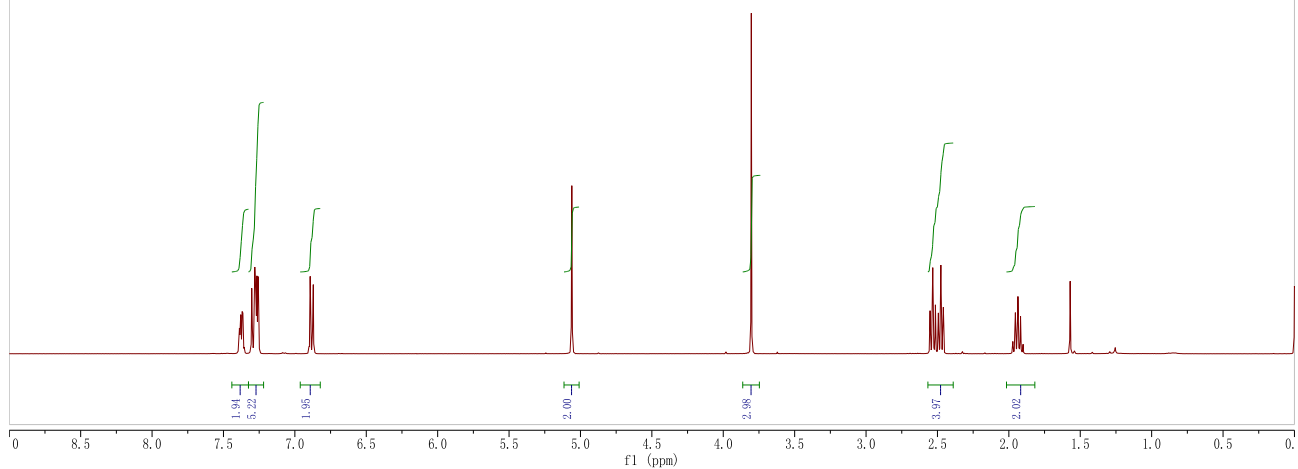
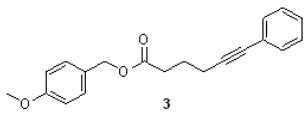


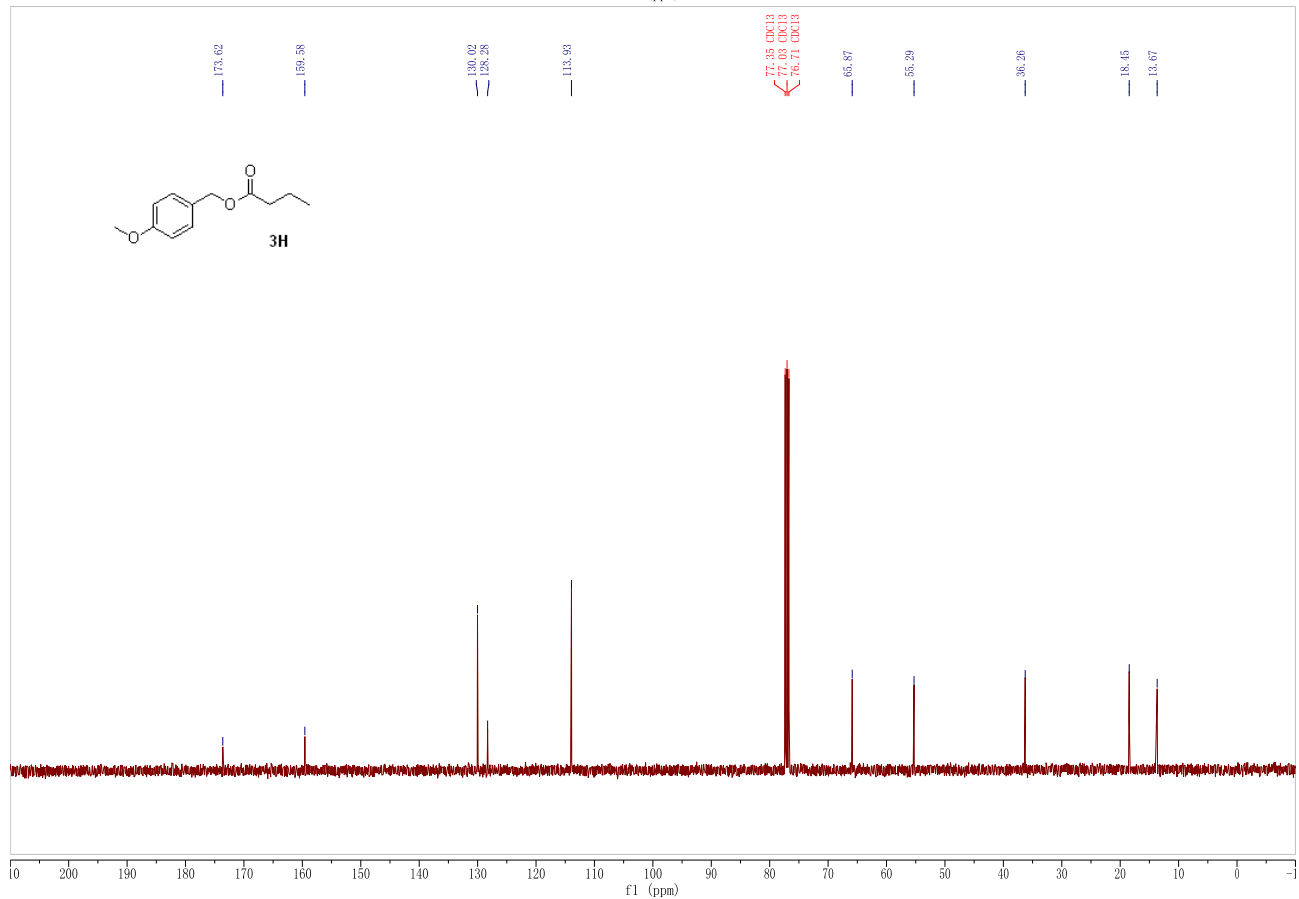
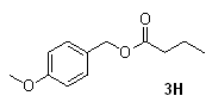
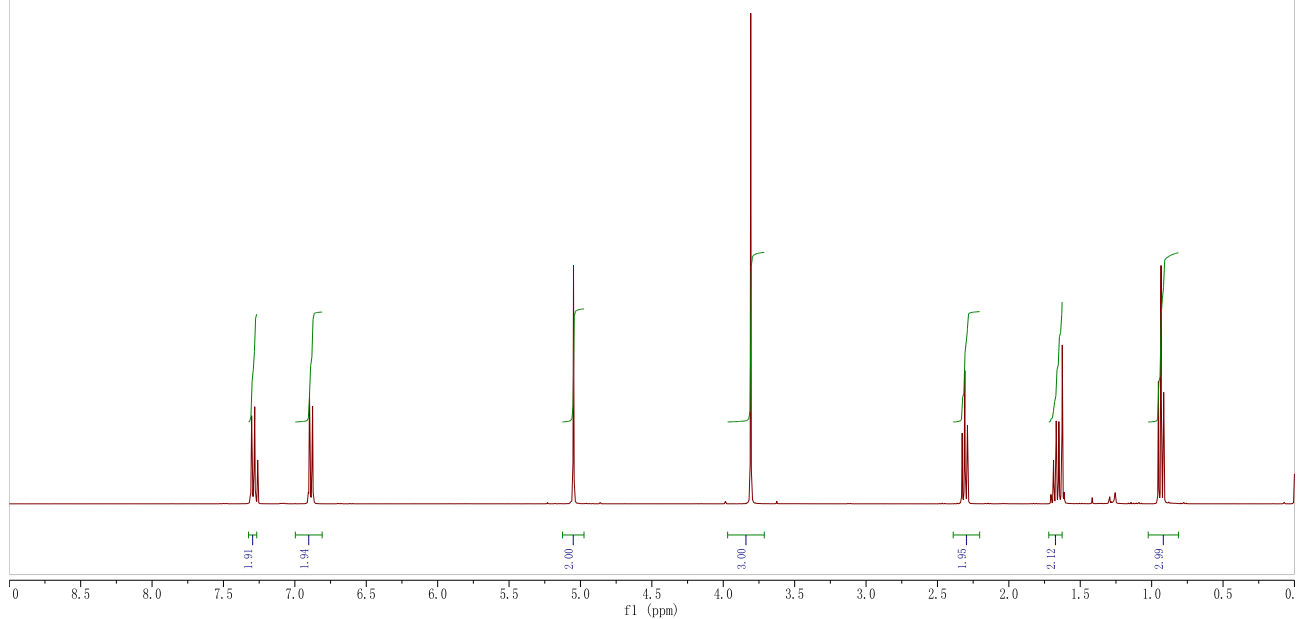
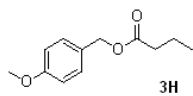


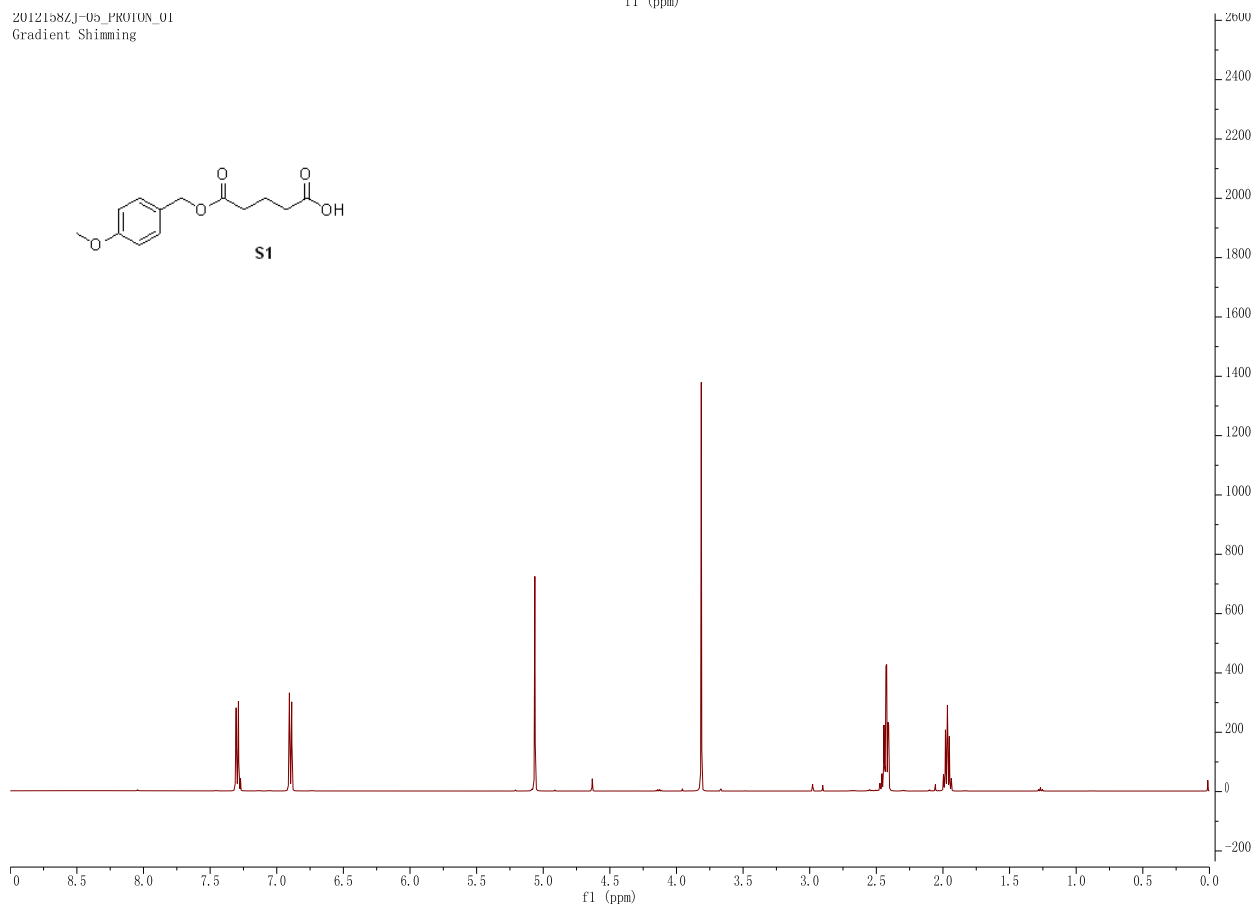
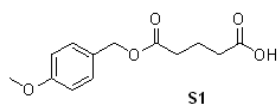
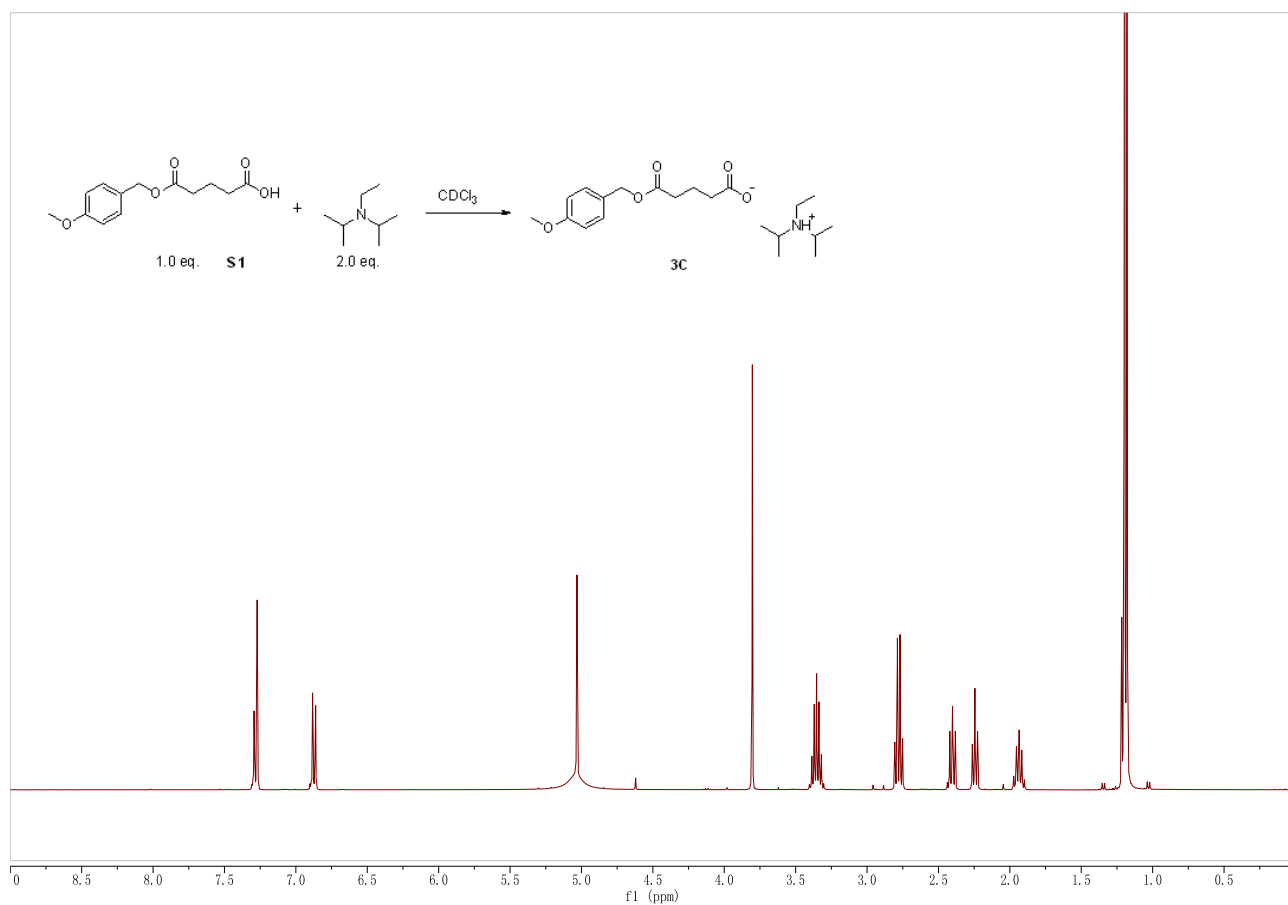
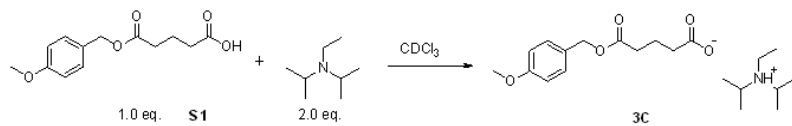




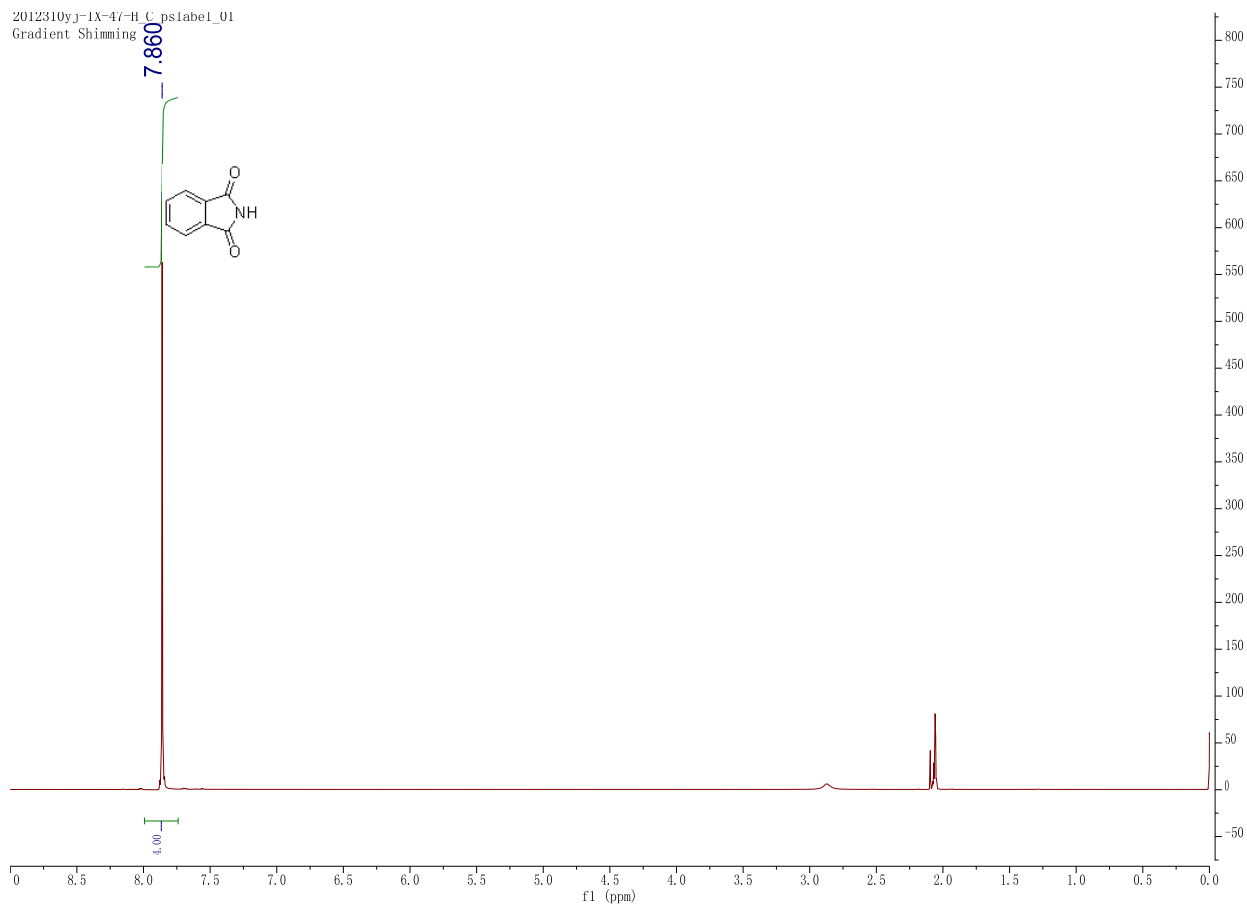




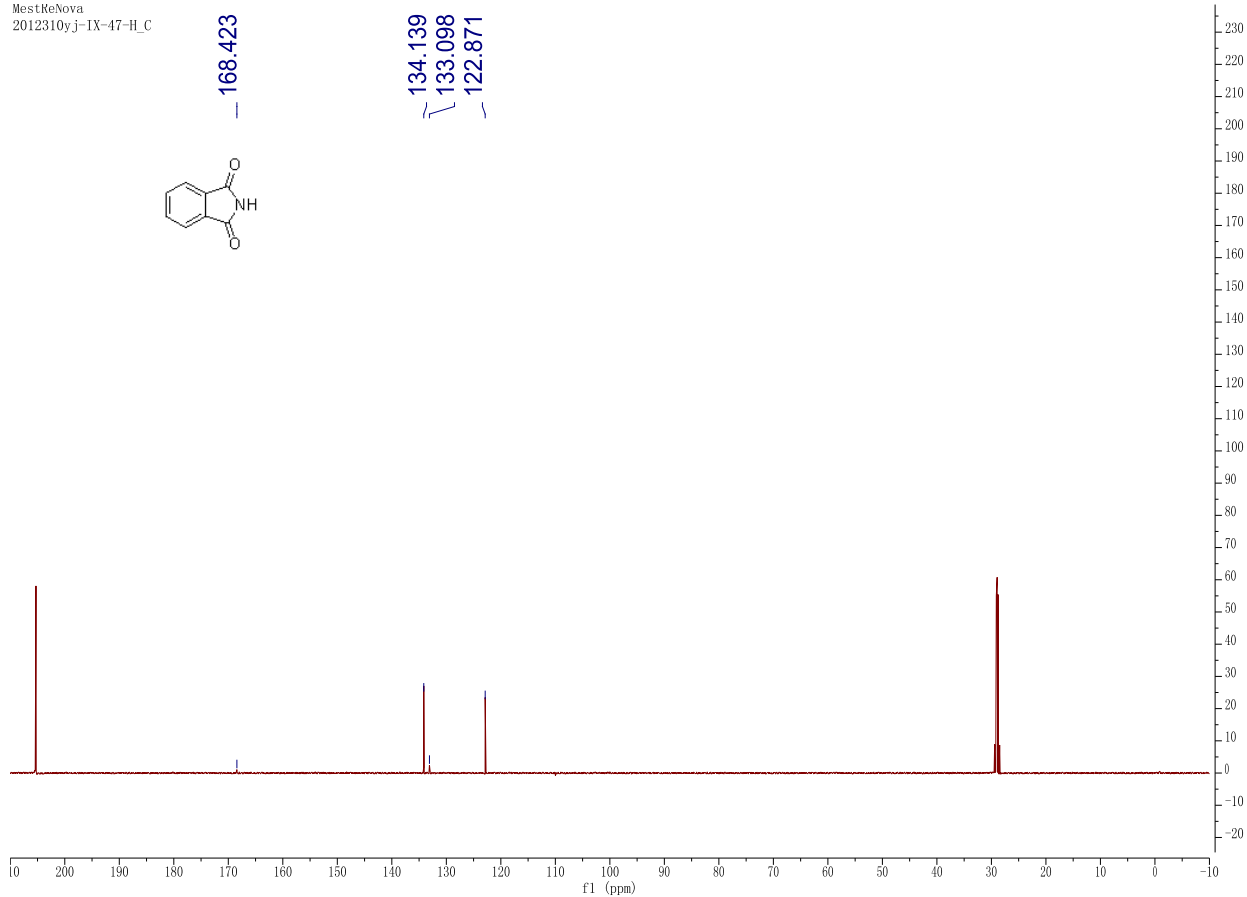


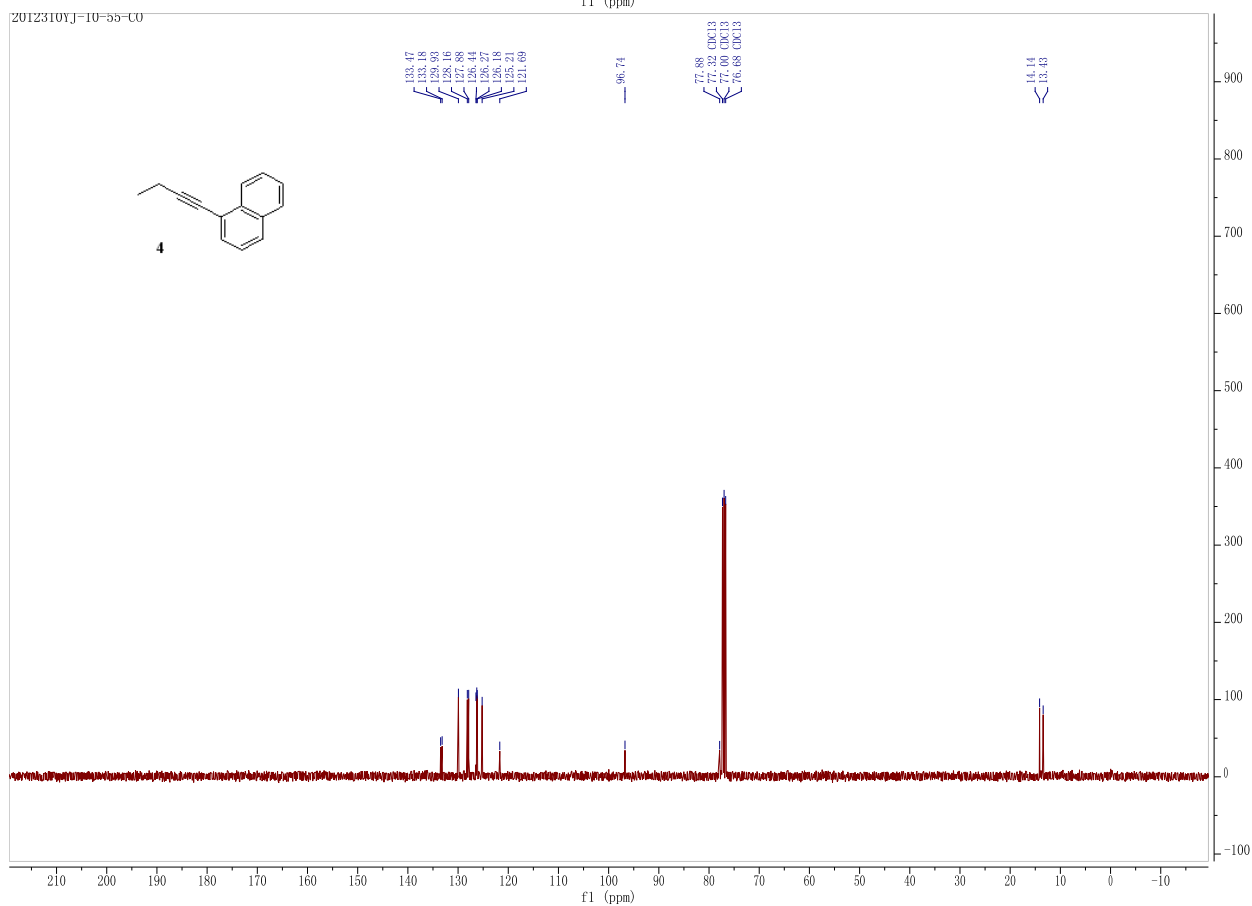
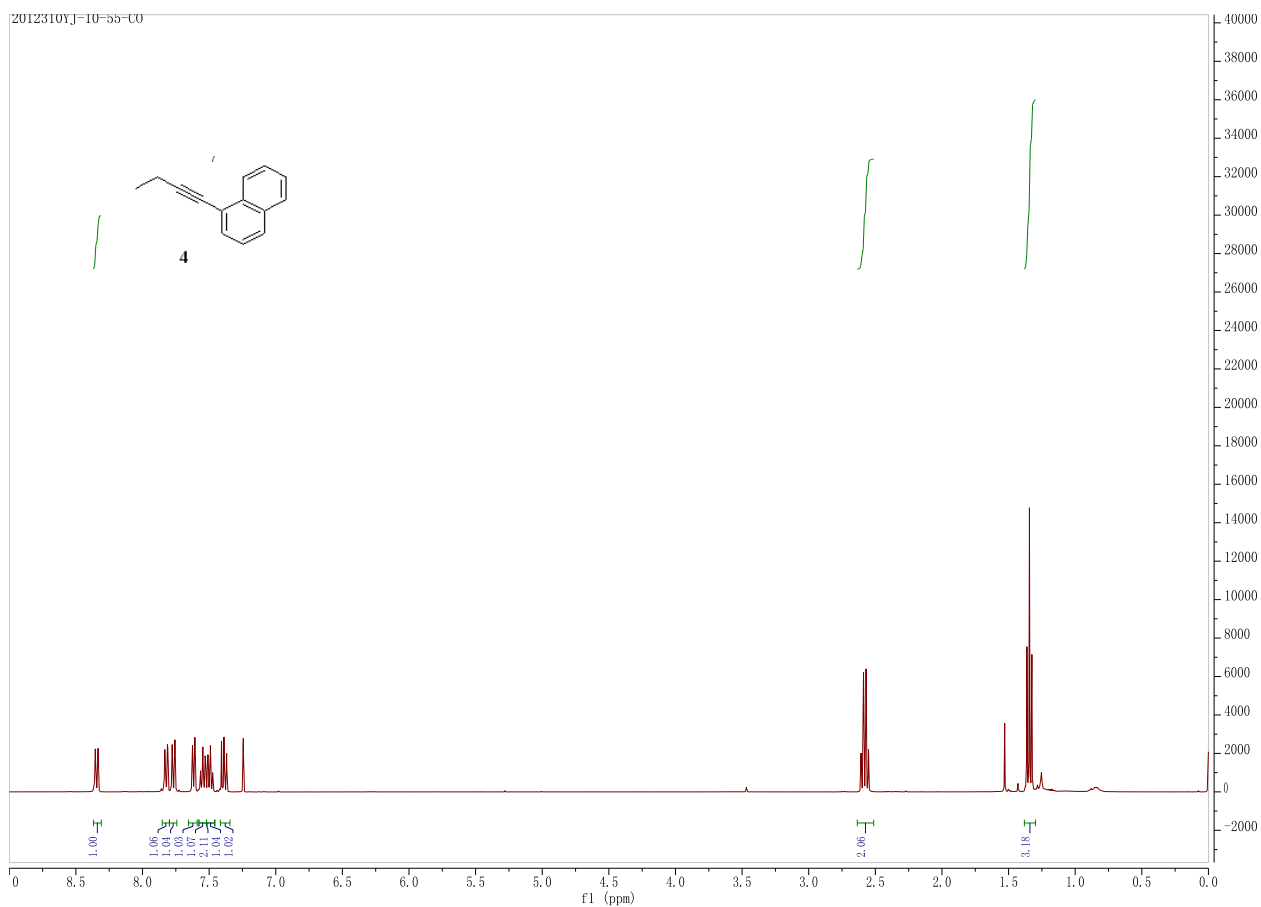


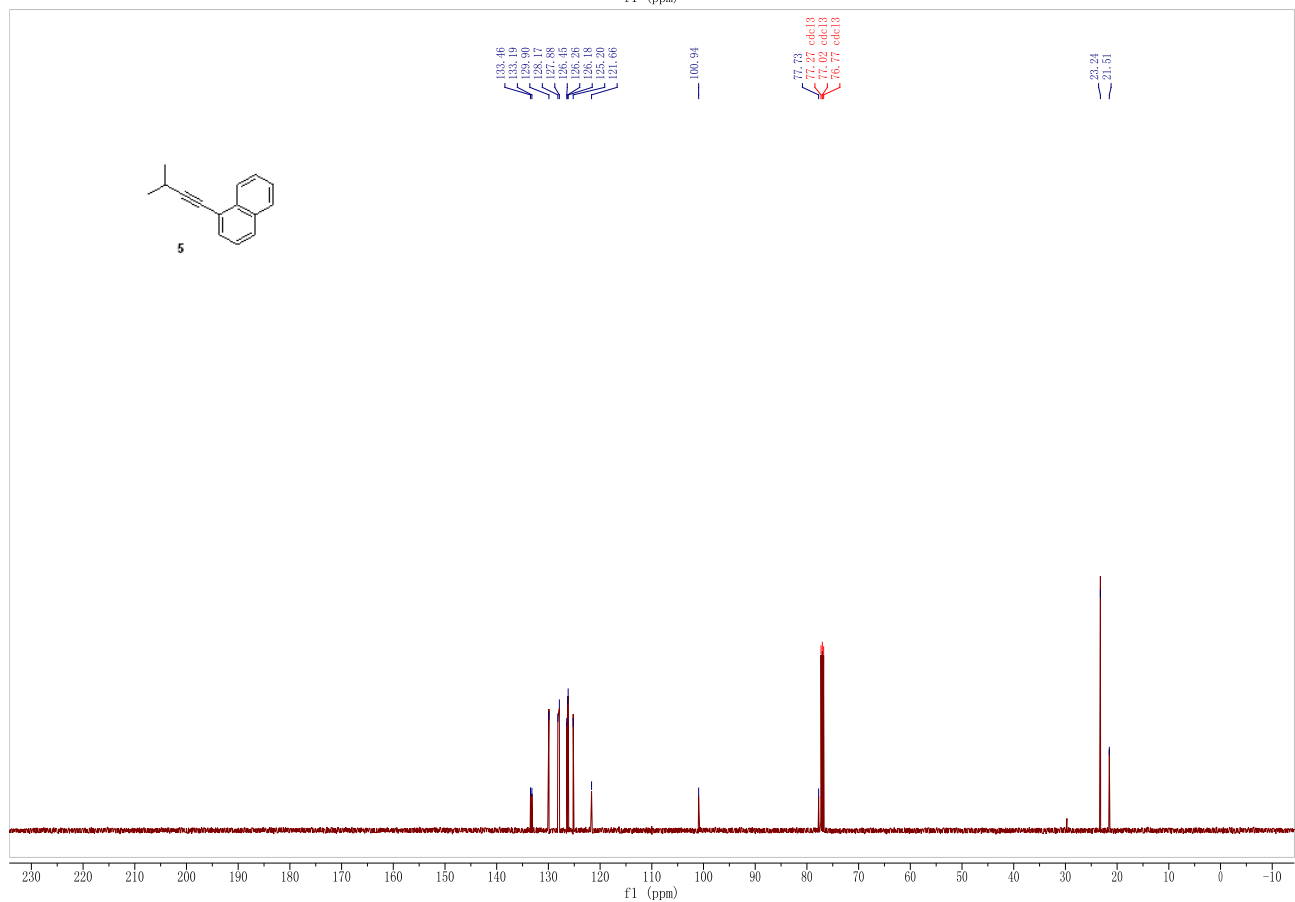
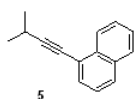
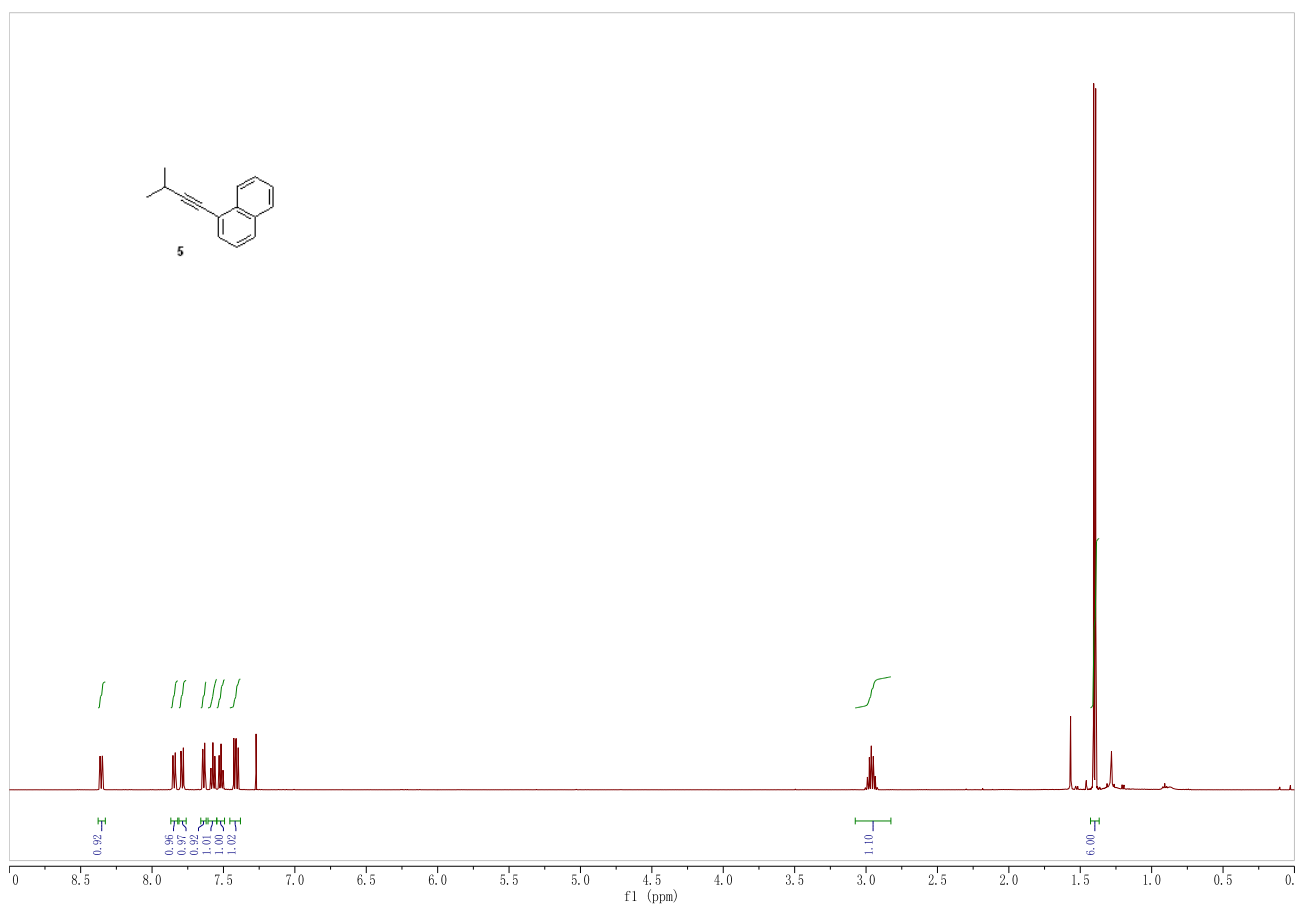
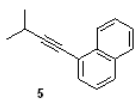
2012310yj-1X-47-H\_C\_pslabel\_01  
Gradient Shimming

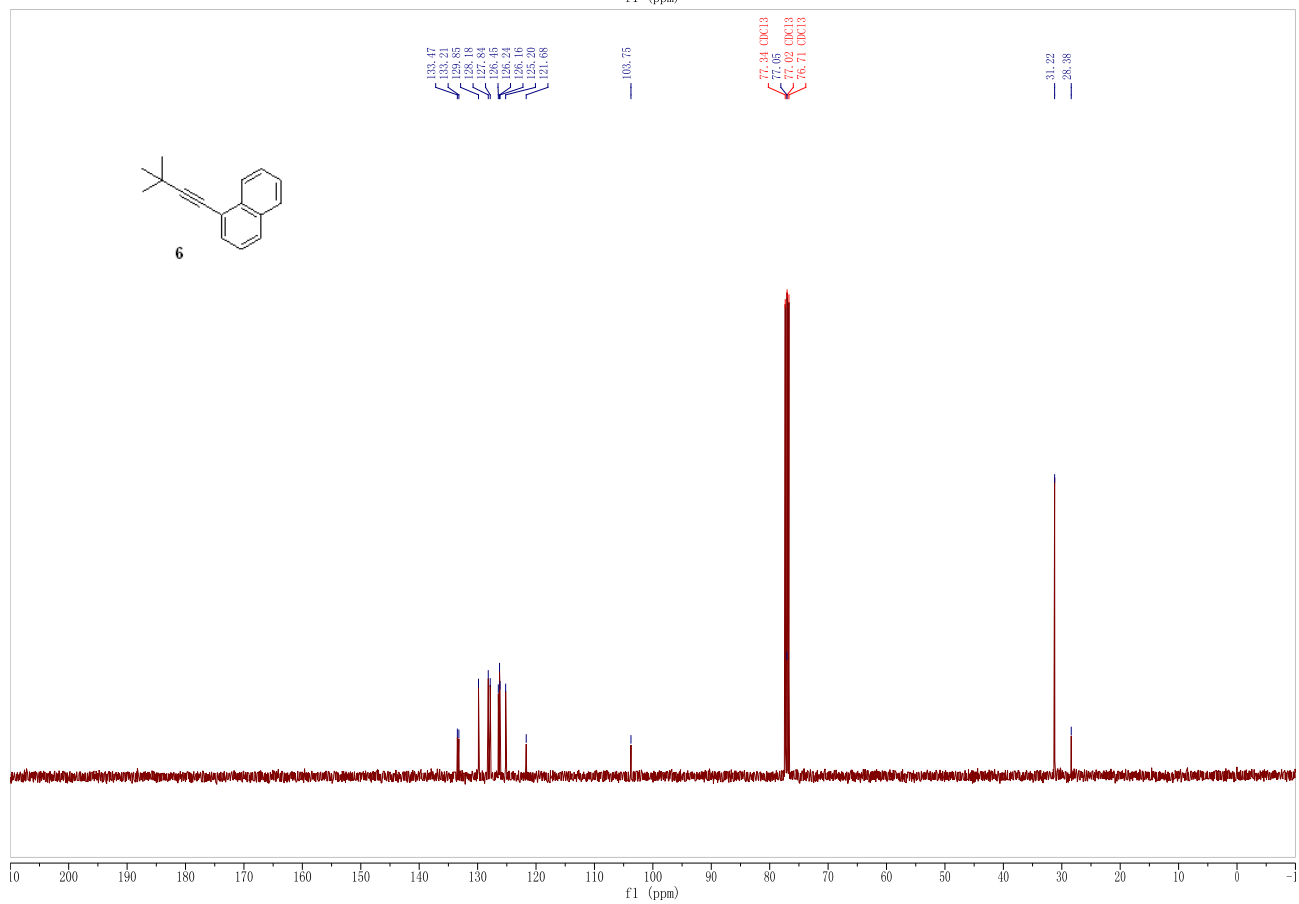
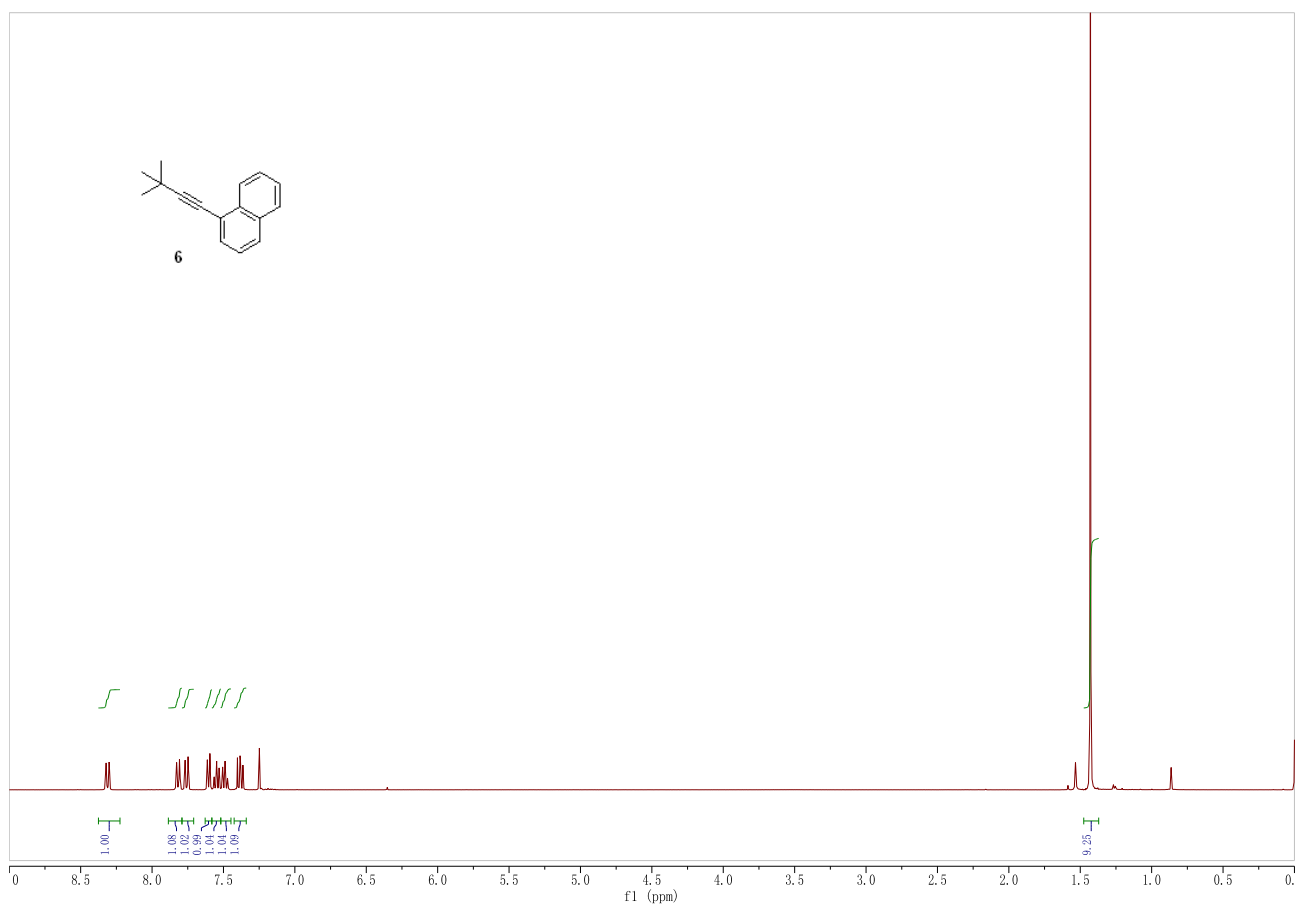


MestReNova  
2012310yj-1X-47-H\_C



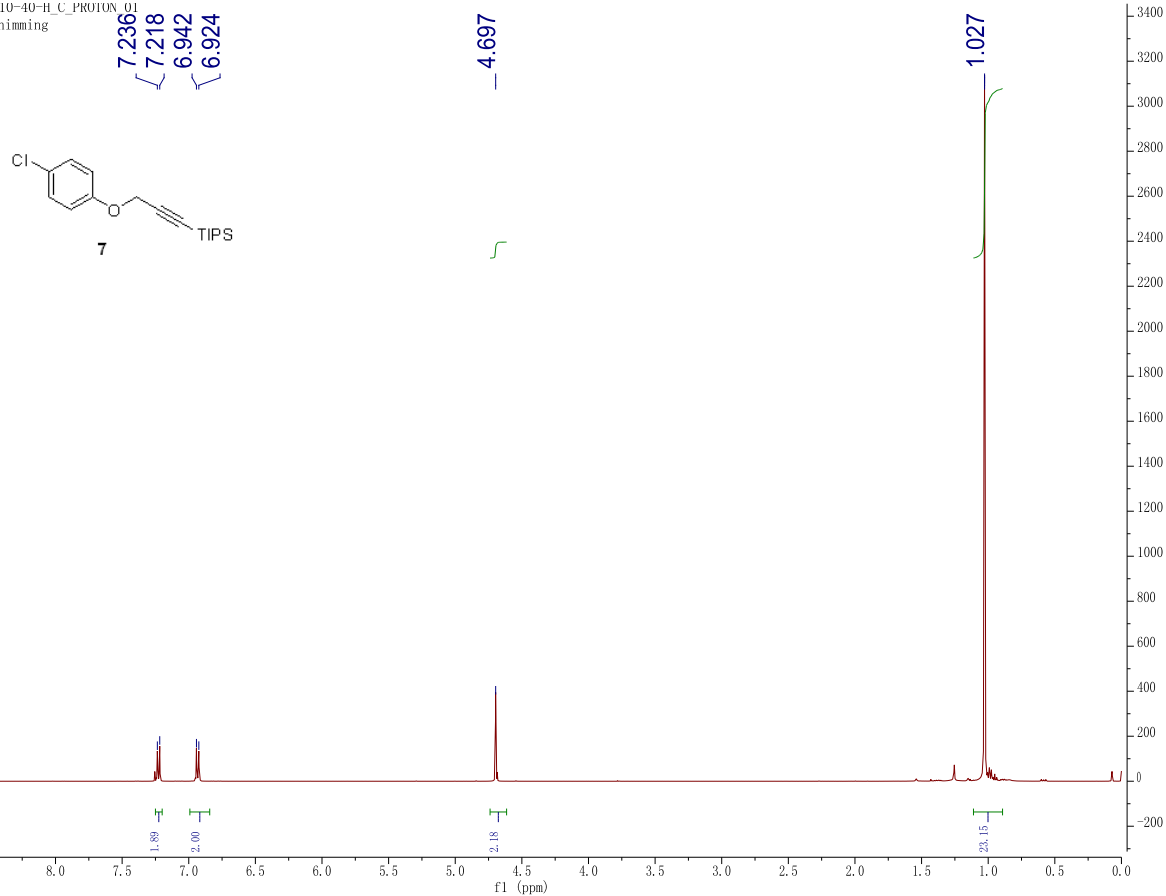




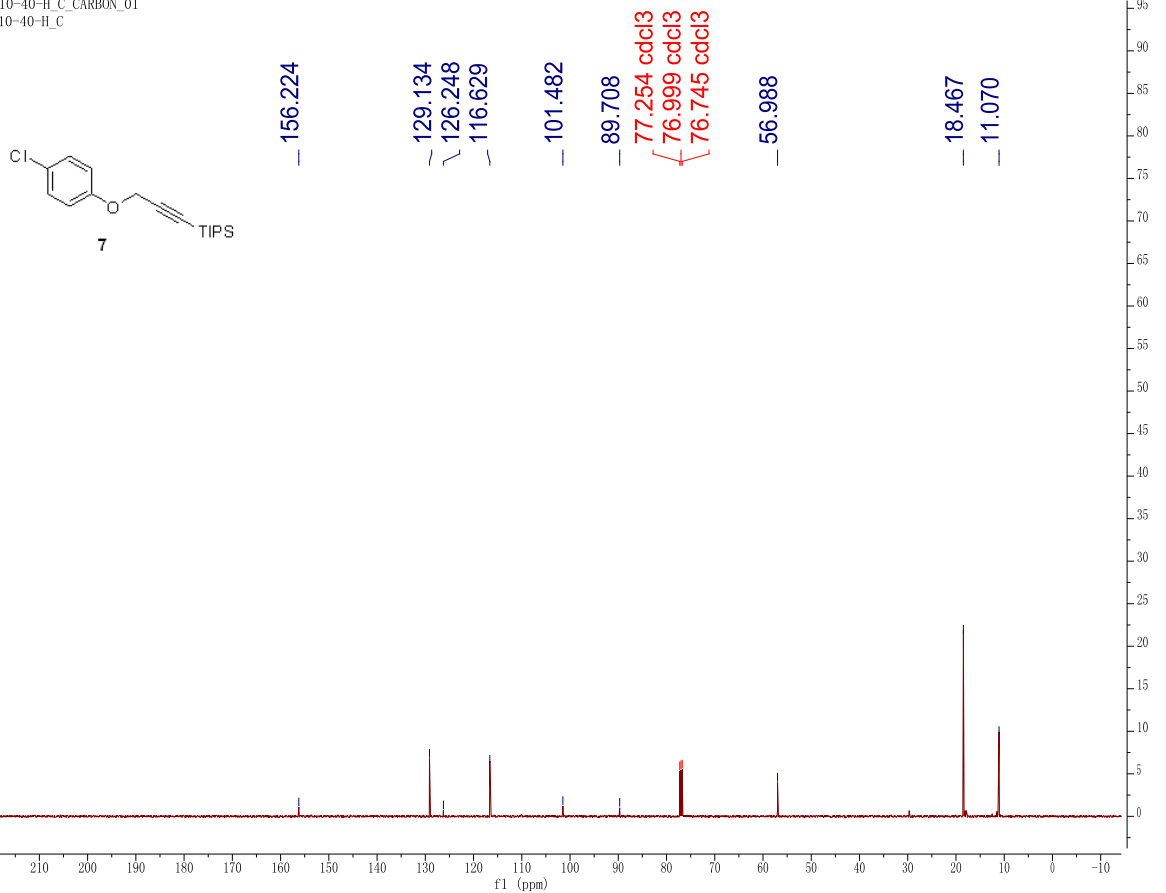




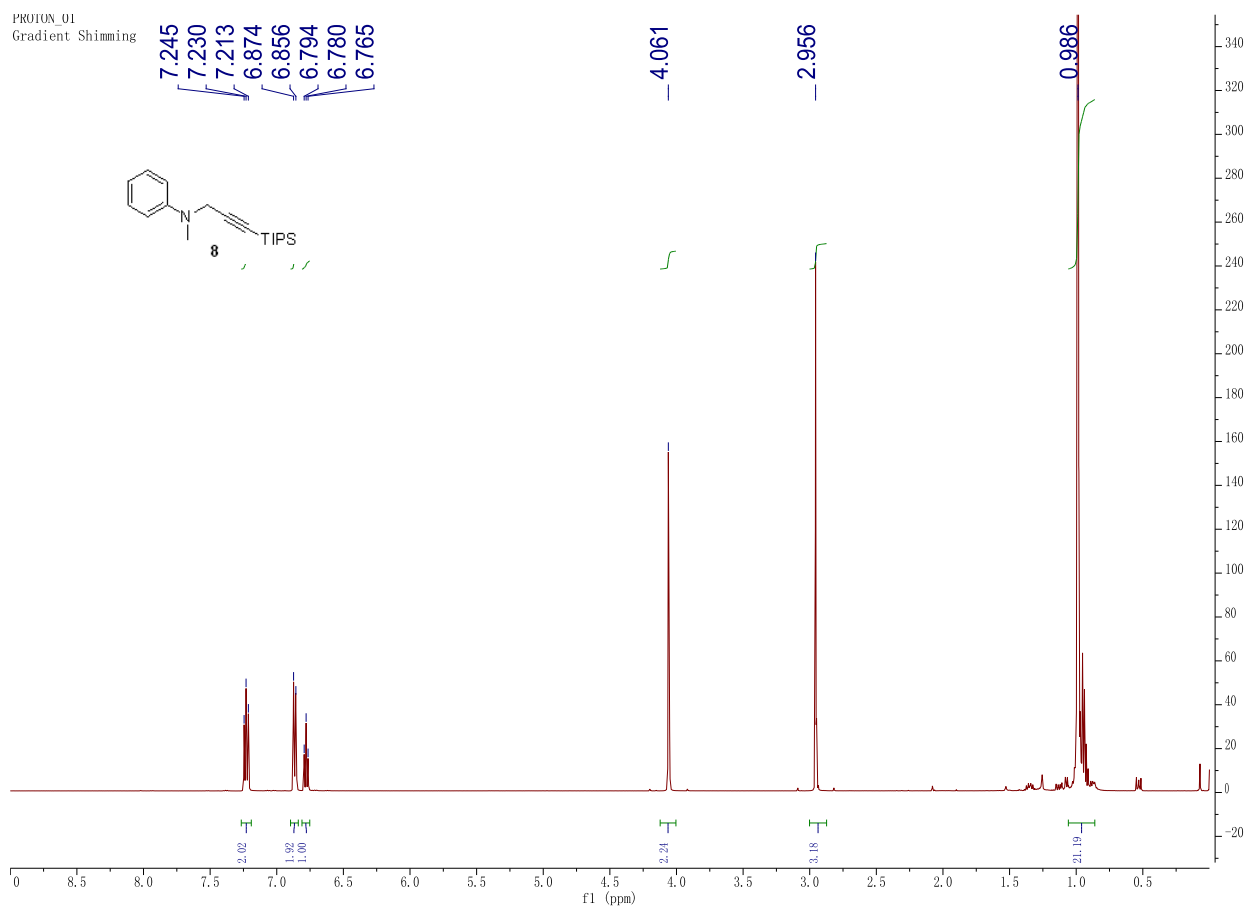
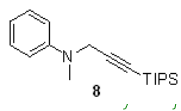
2012310YJ-10-40-H\_C\_PROTON\_01  
Gradient Shimming



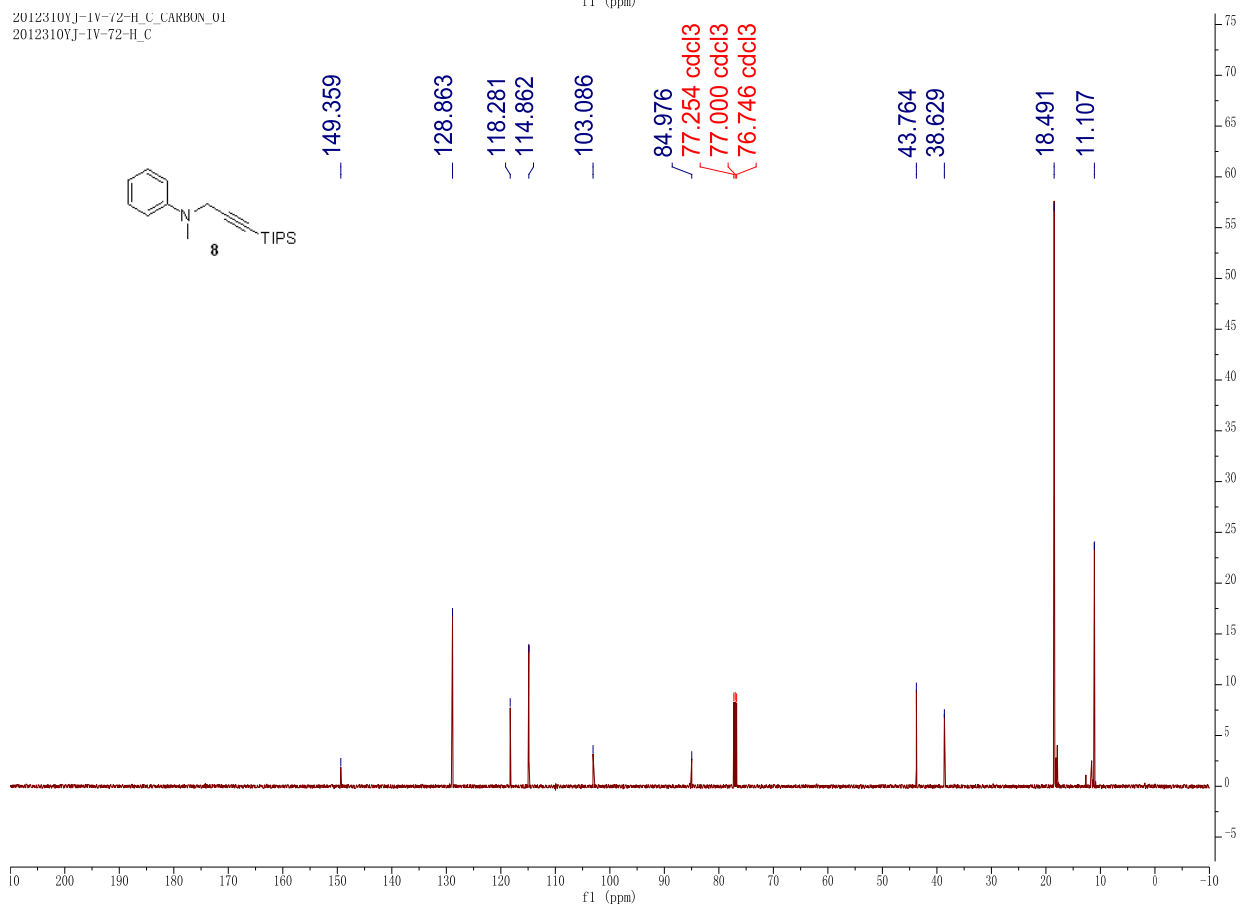
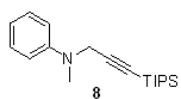
2012310YJ-10-40-H\_C\_CARBON\_01  
2012310YJ-10-40-H\_C

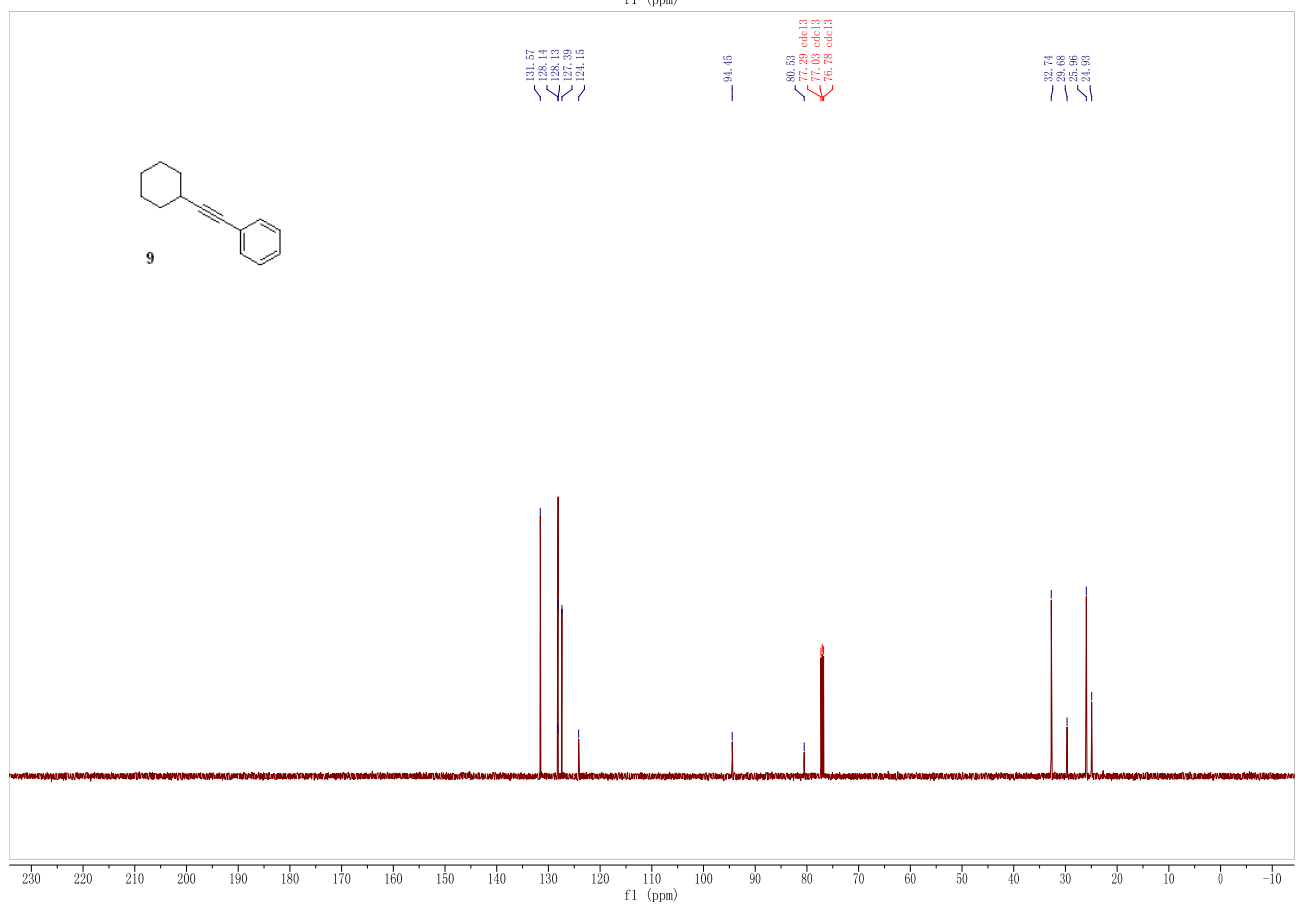
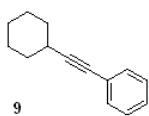
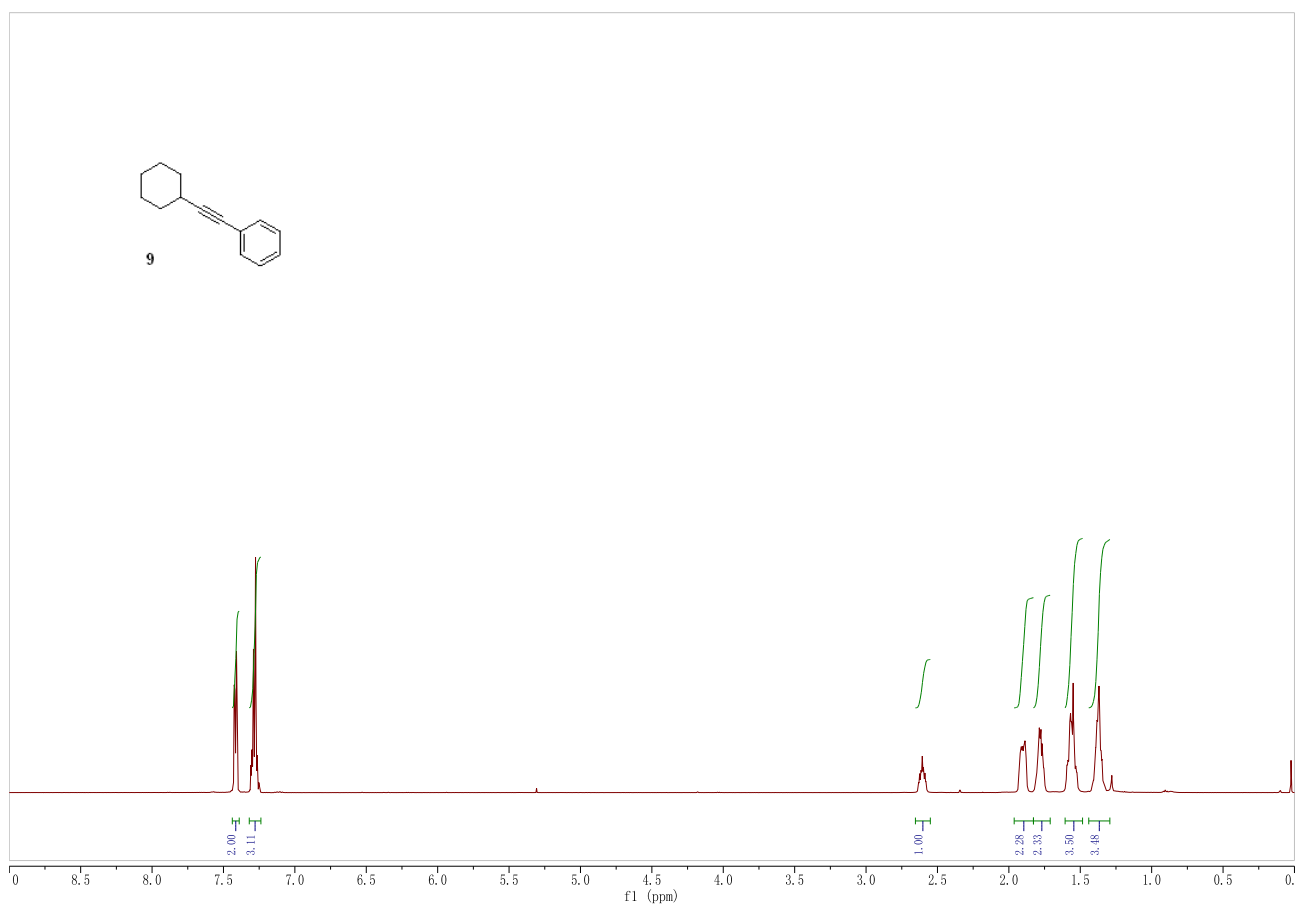
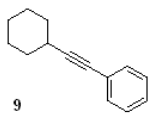


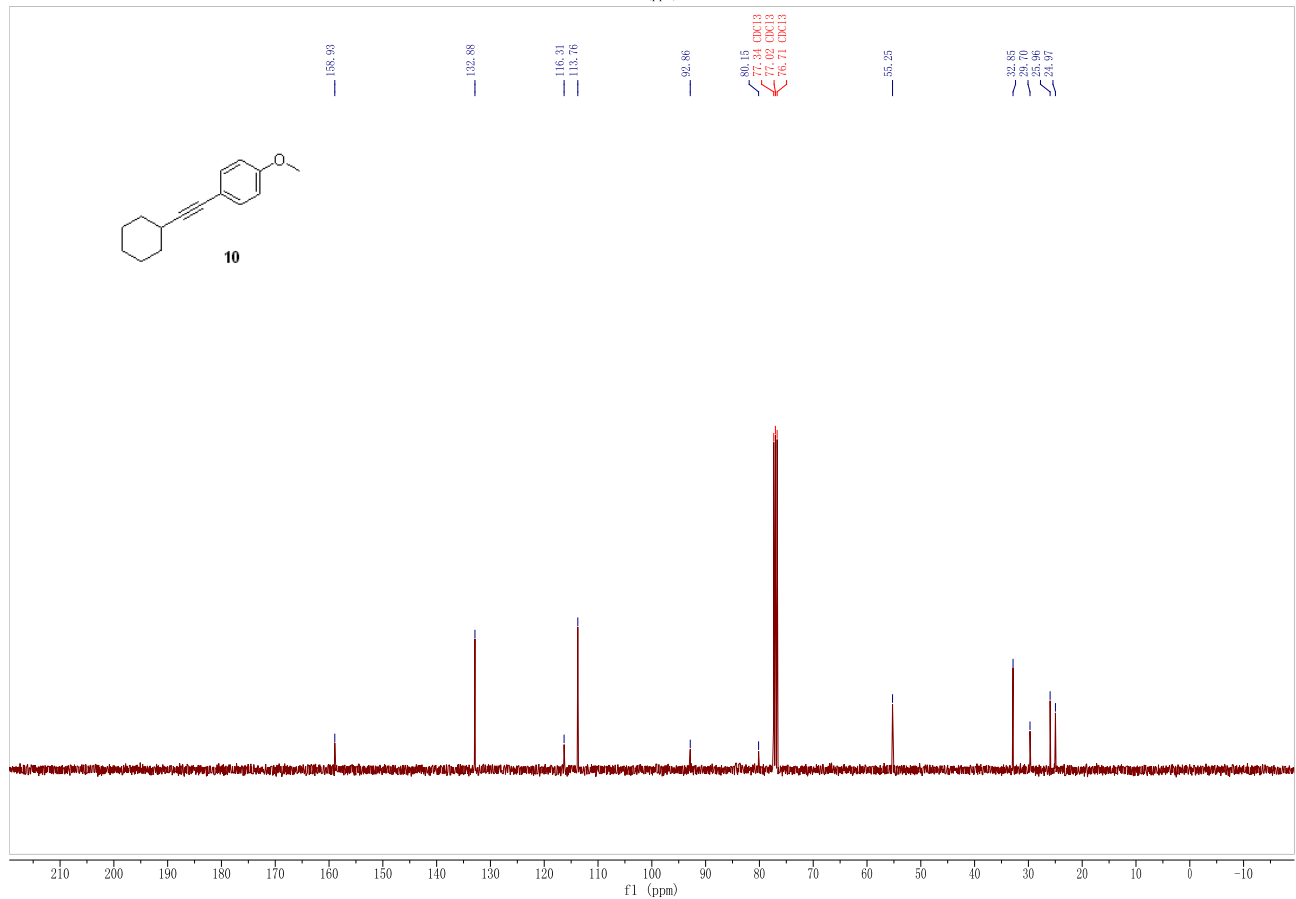
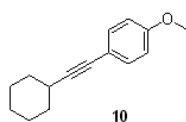
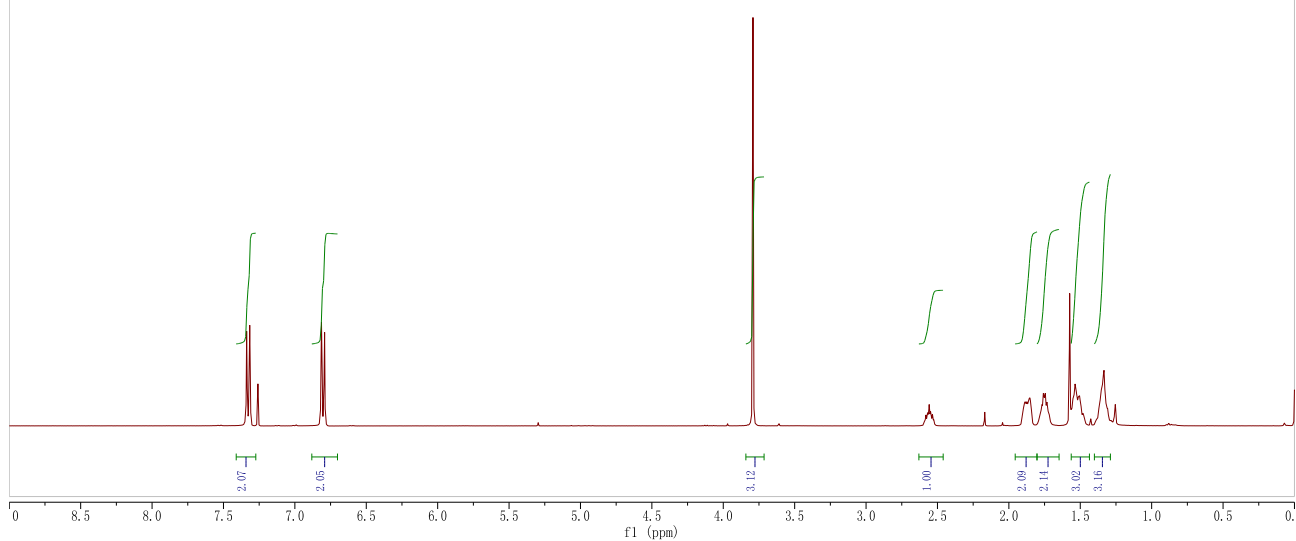
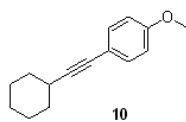
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Gradient Shimming

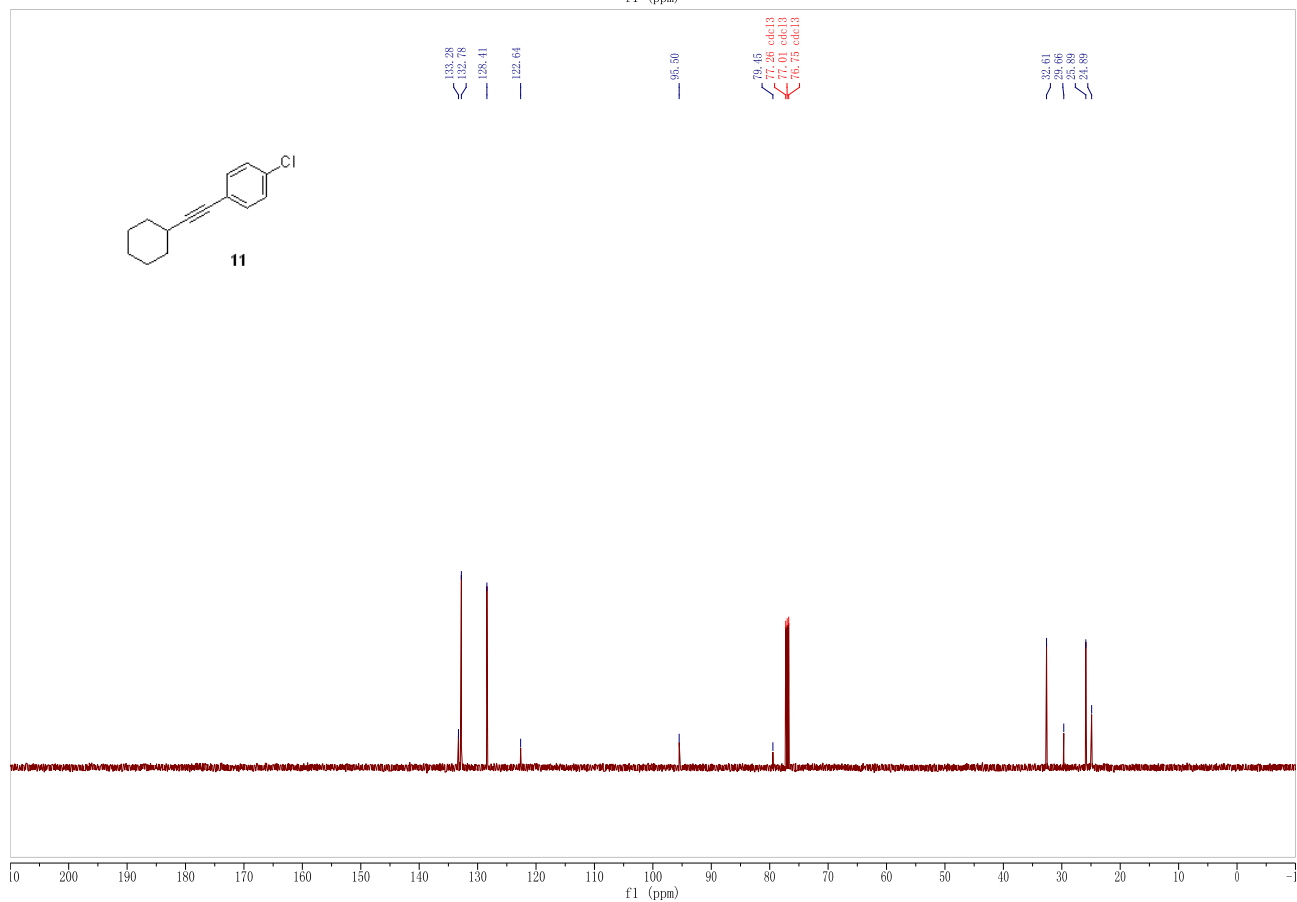
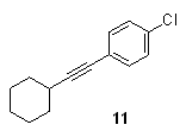
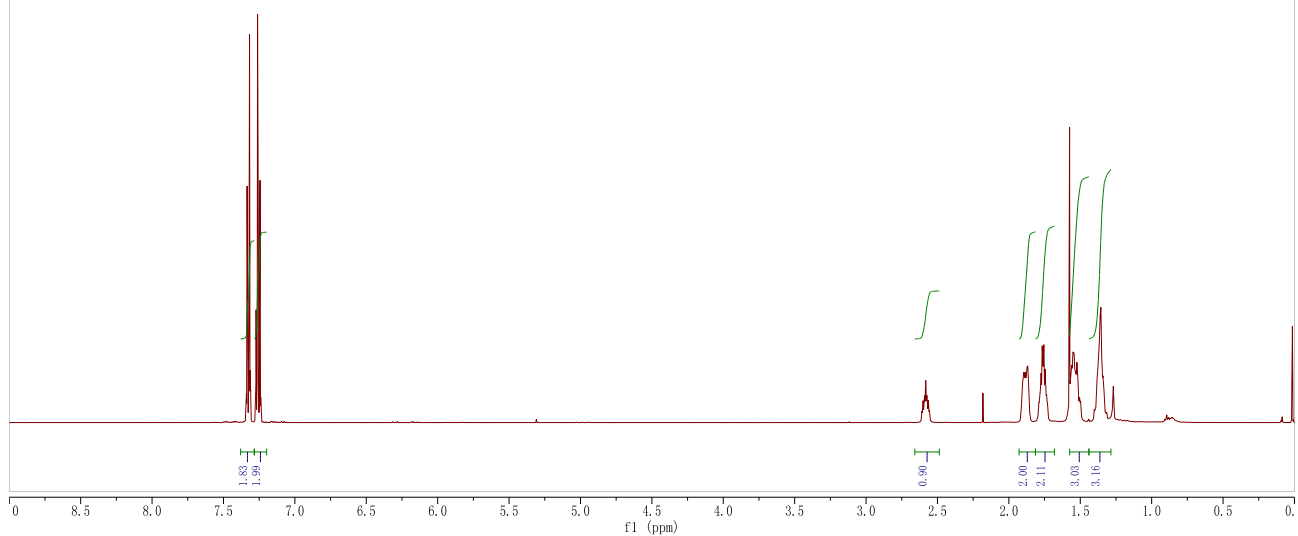
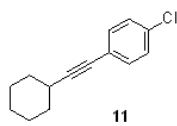


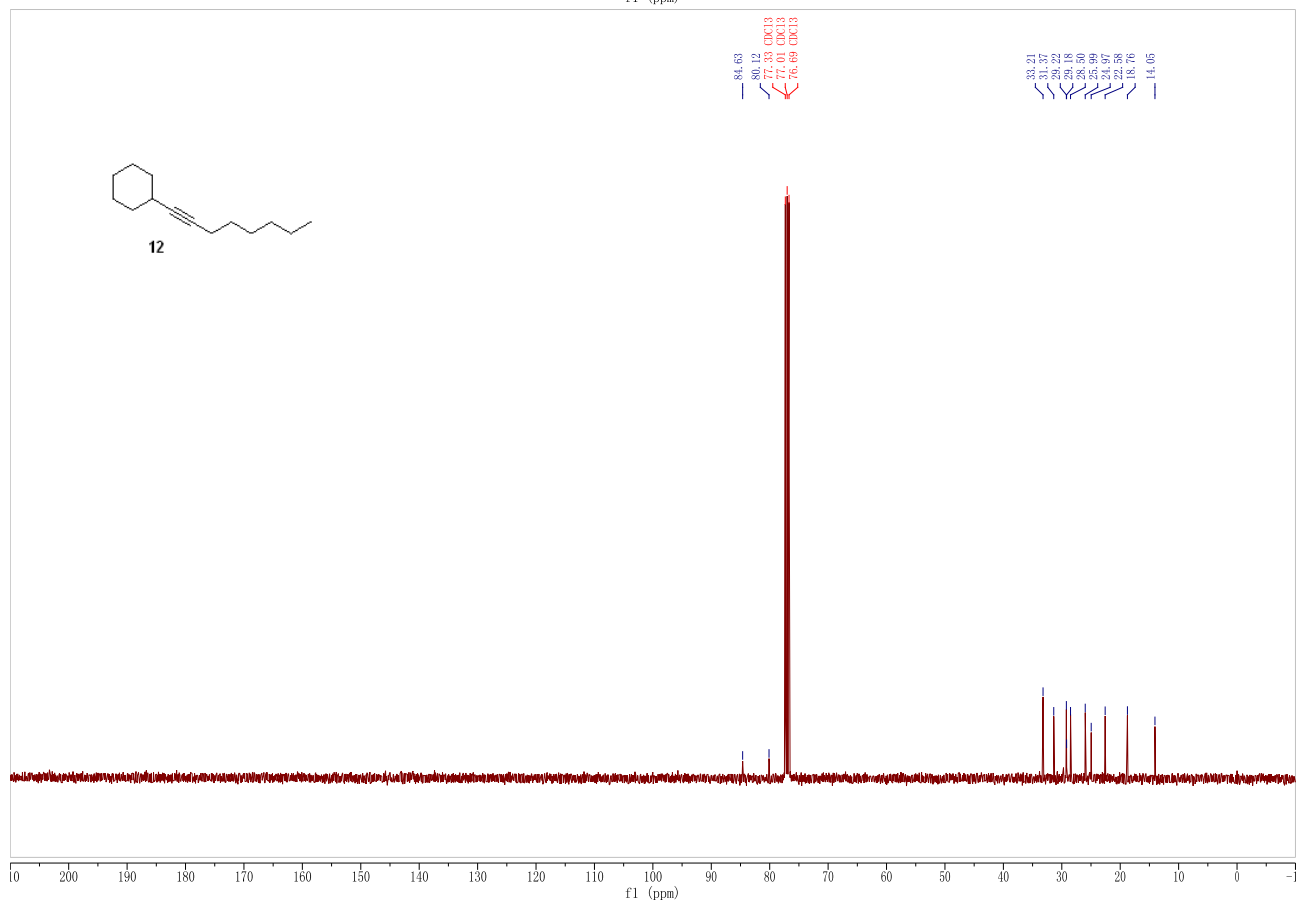
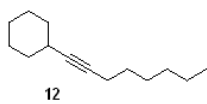
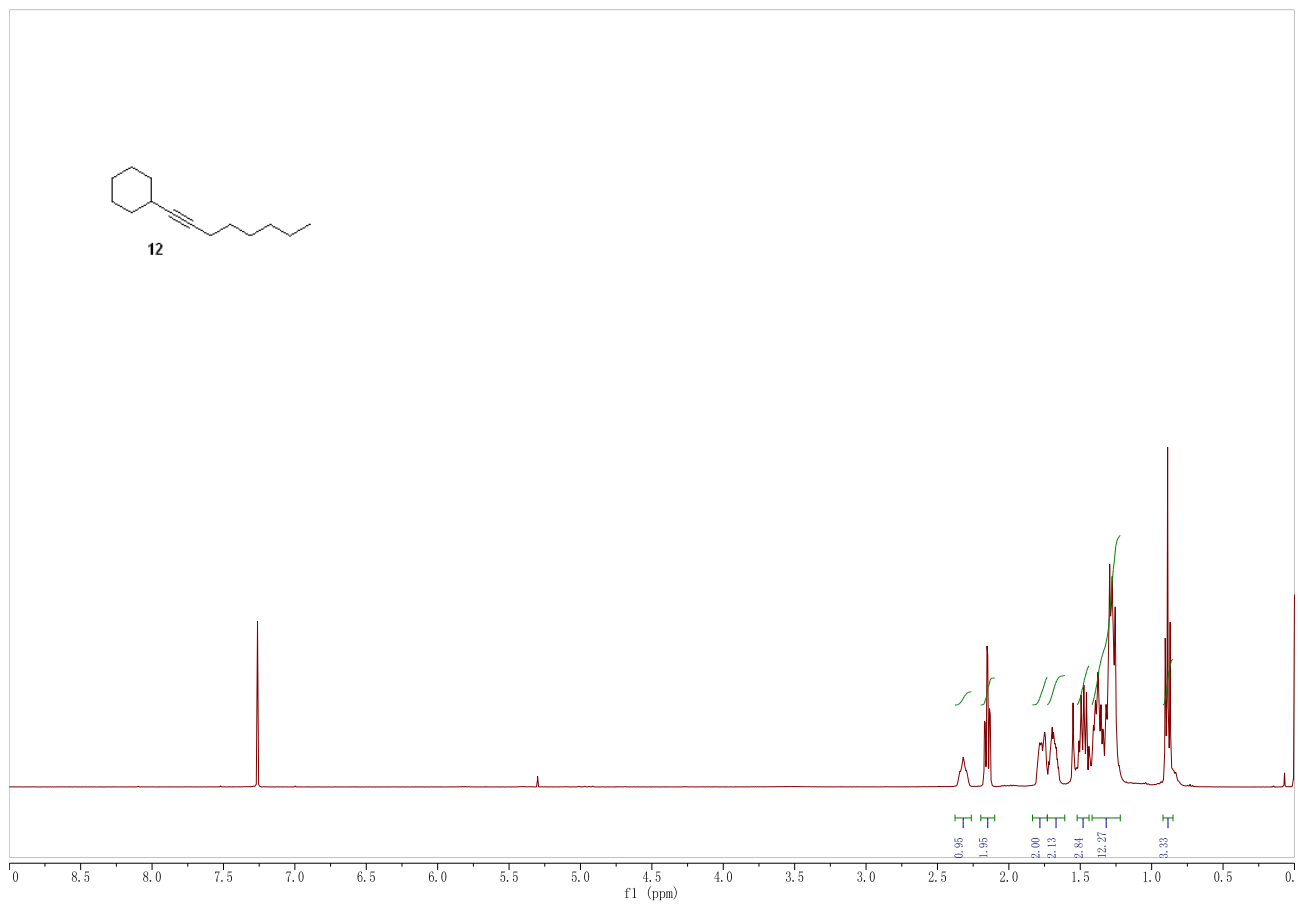
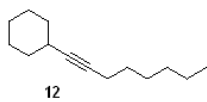
2012310YJ-IV-72-H\_C CARBON\_01  
2012310YJ-IV-72-H\_C

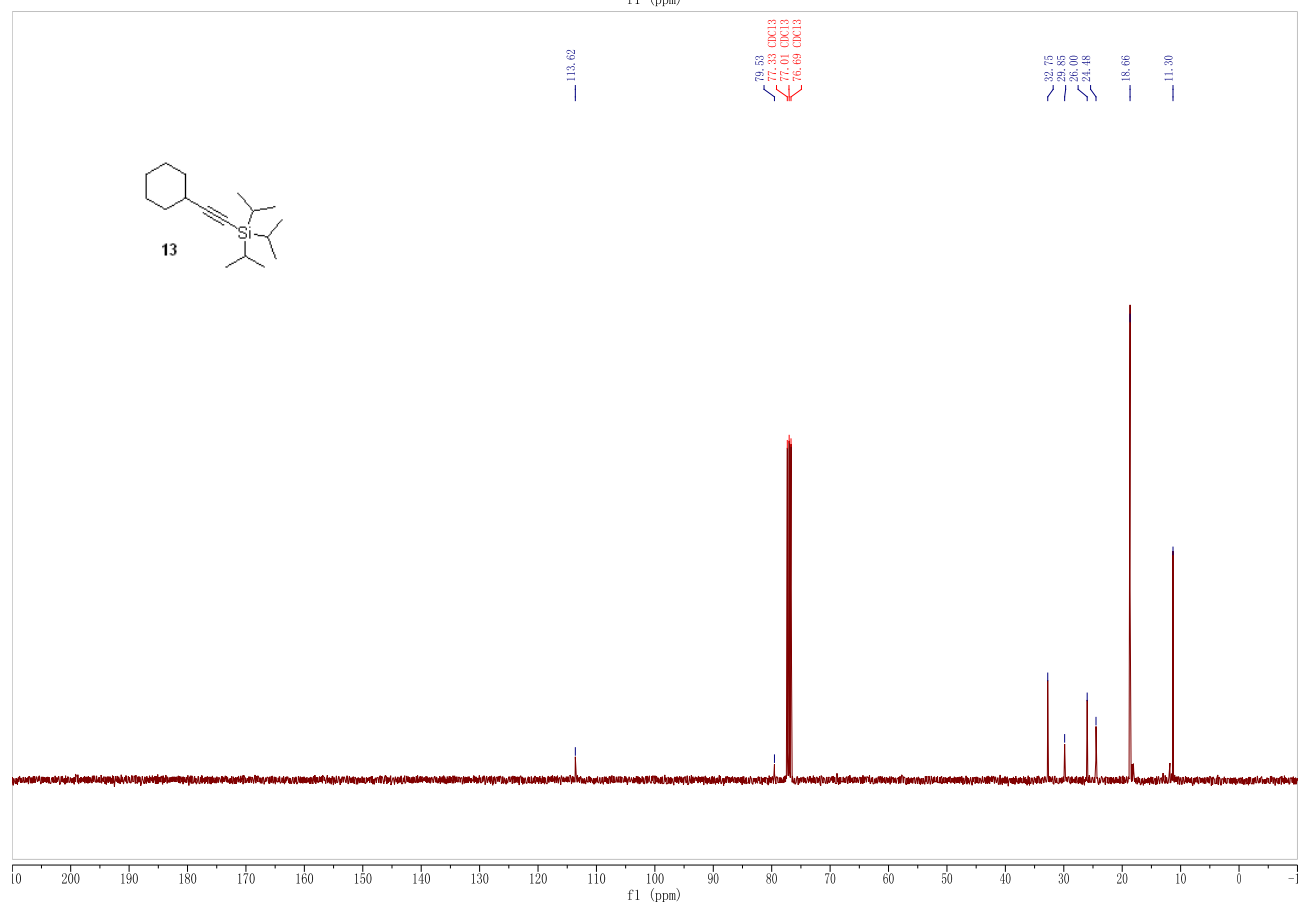
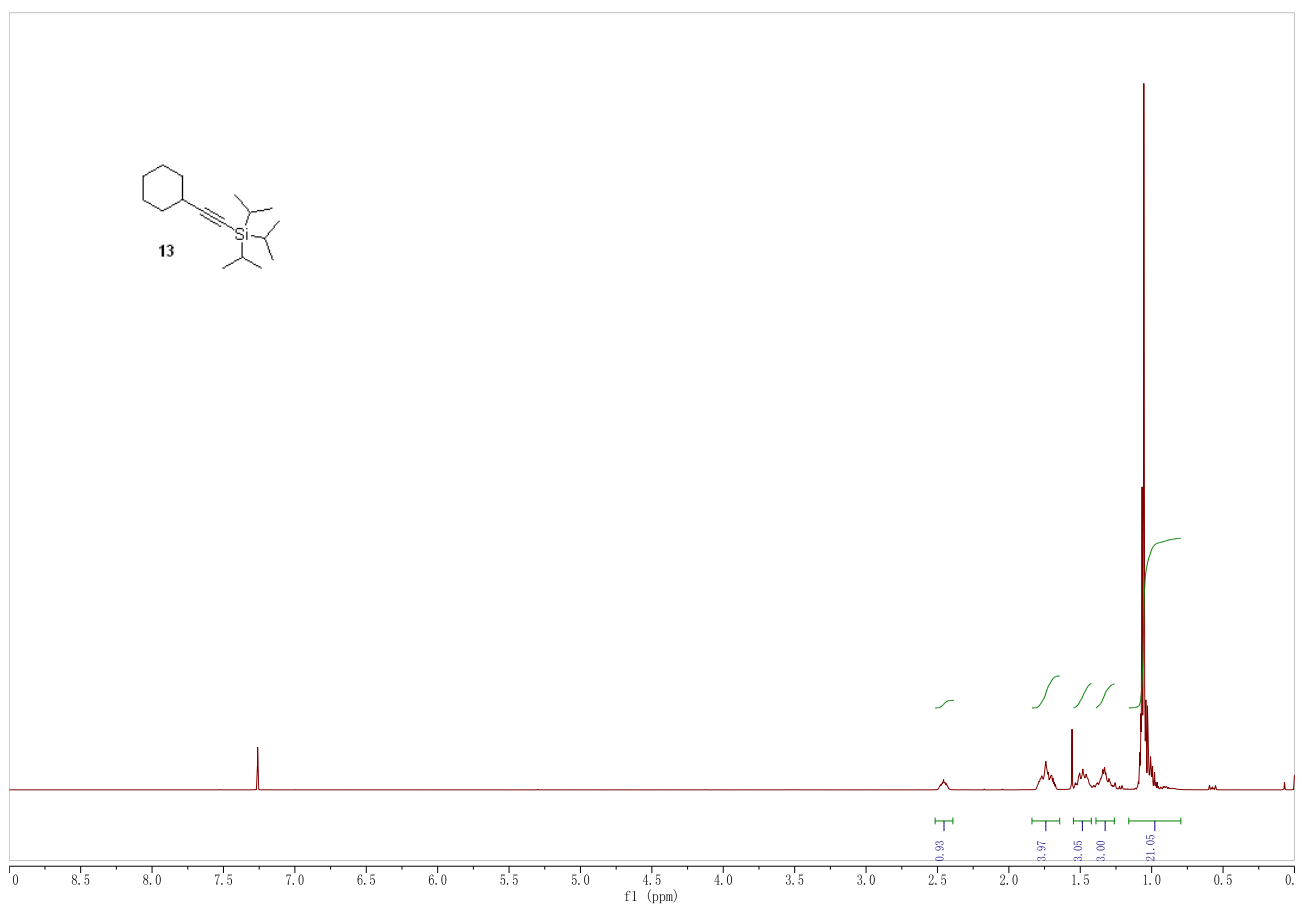




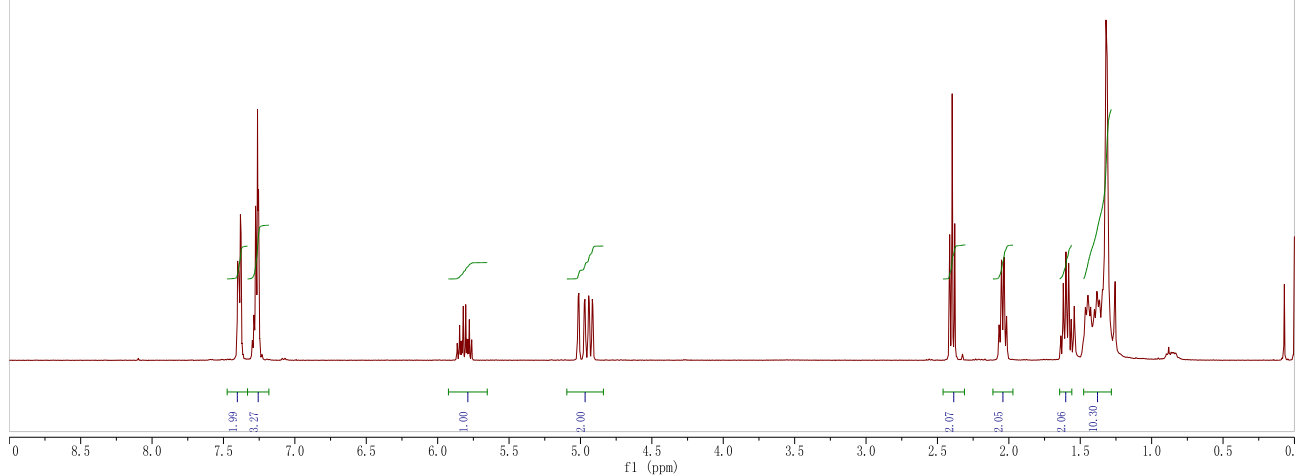
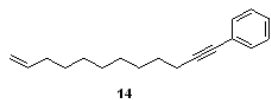




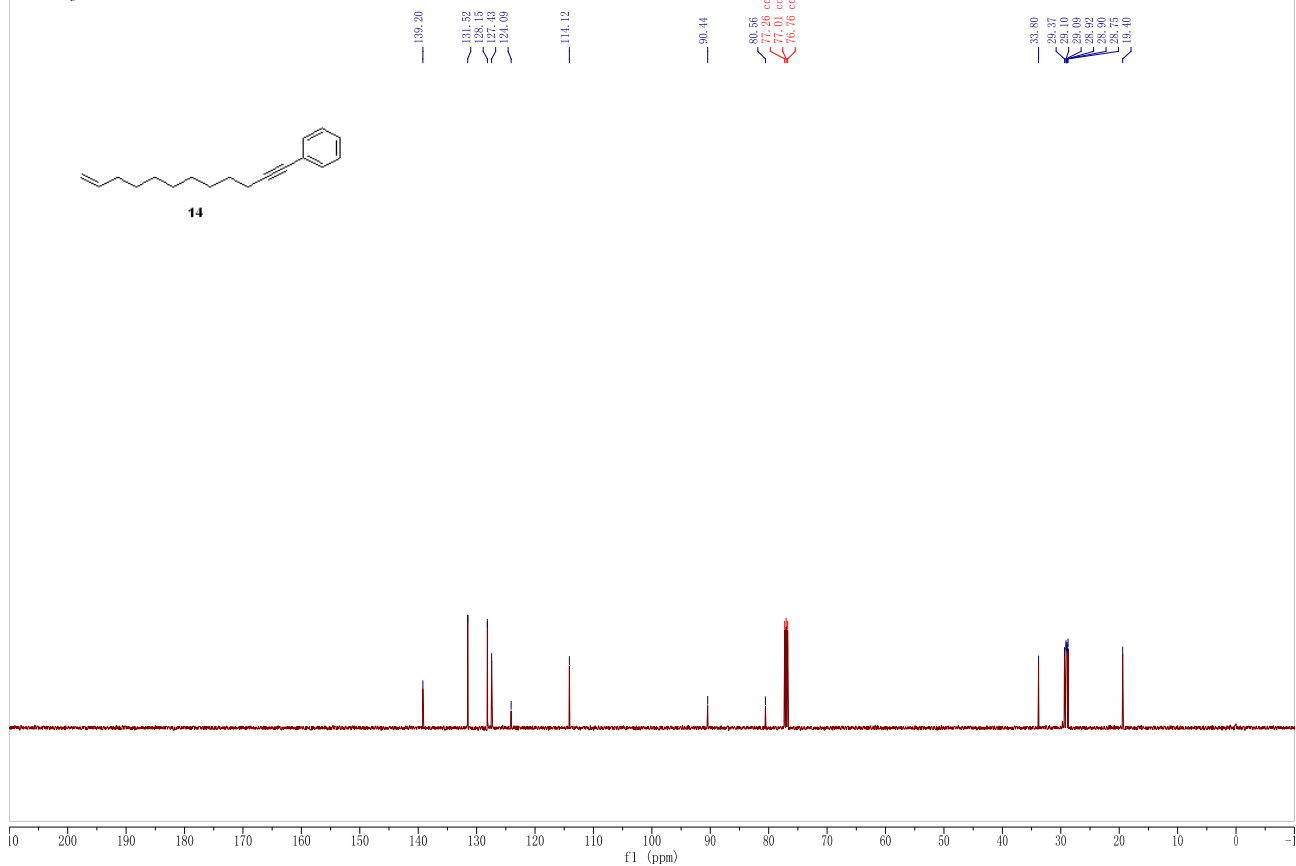
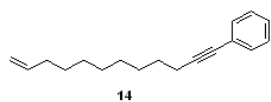




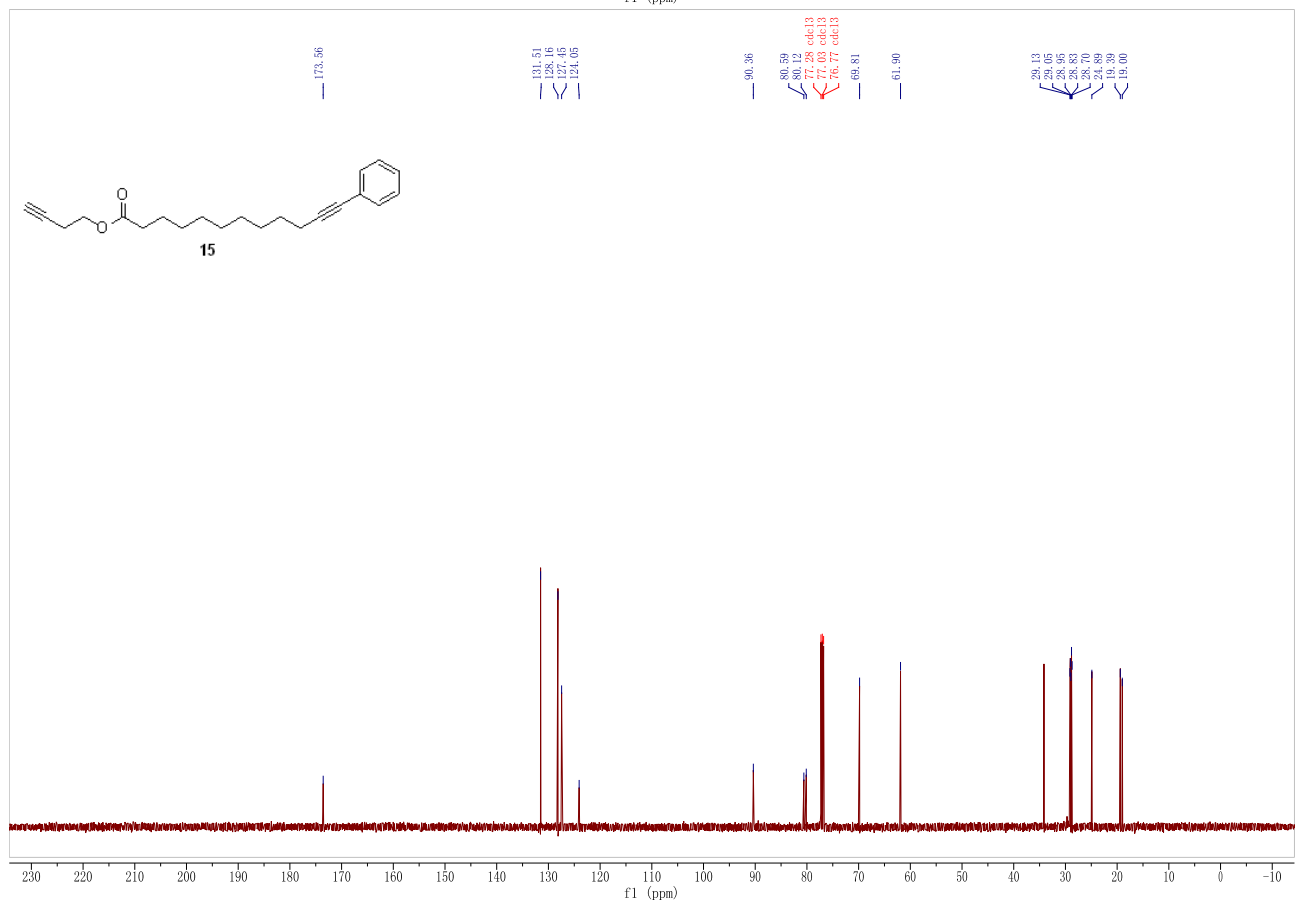
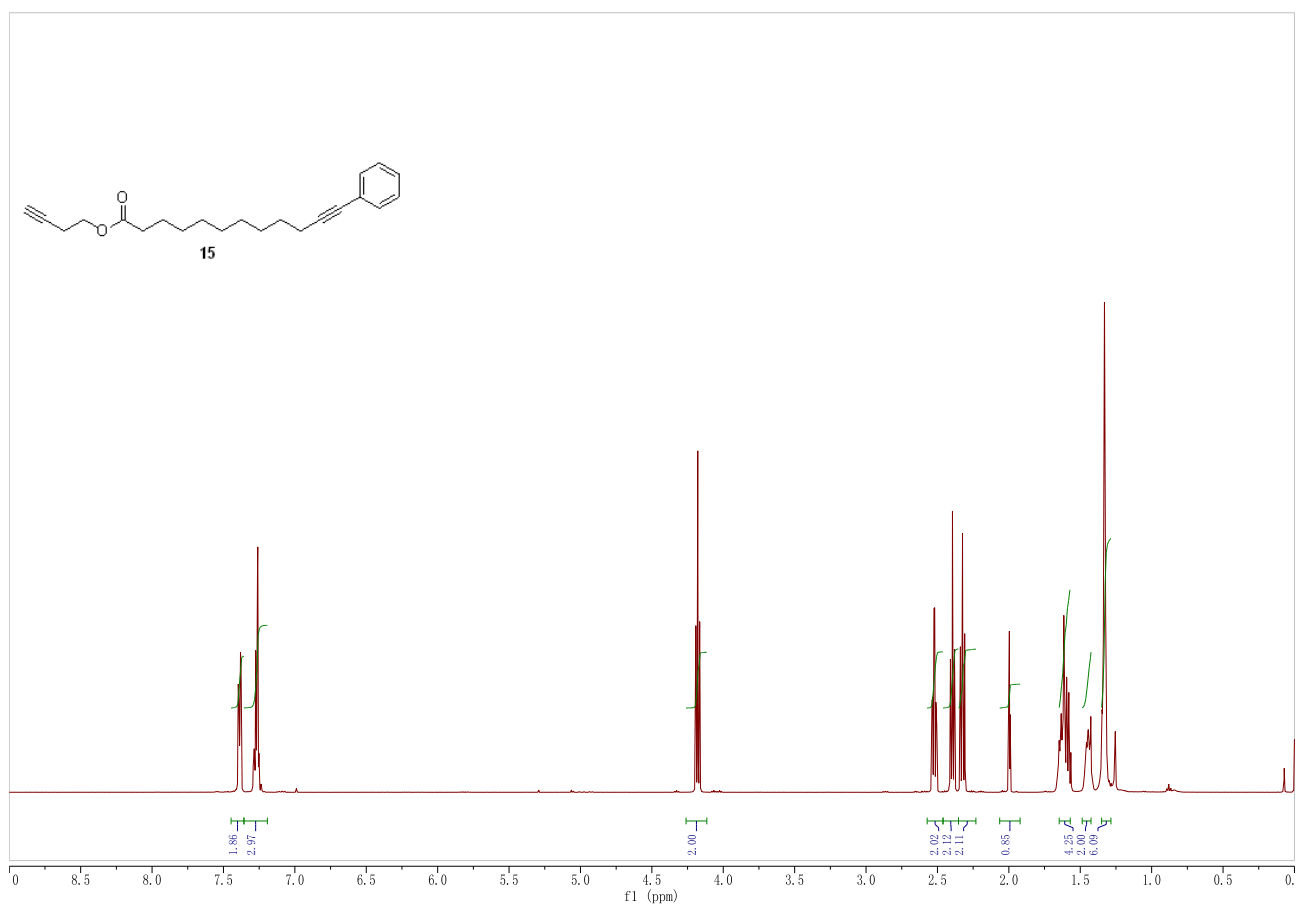
2012310YJ-VIIII-4-CO, 10. F1d

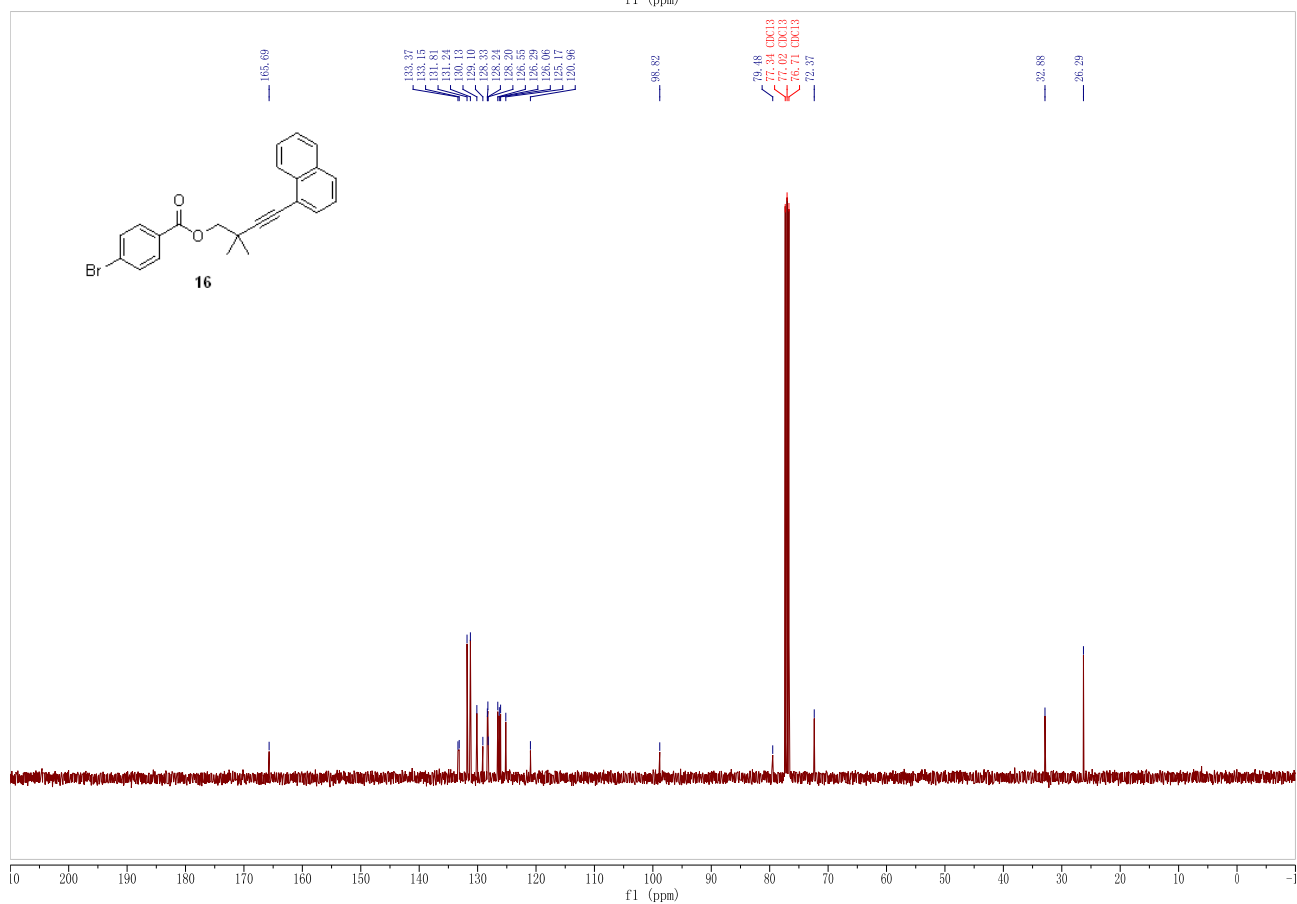
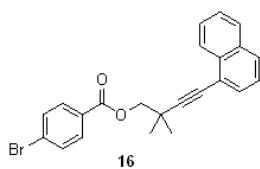
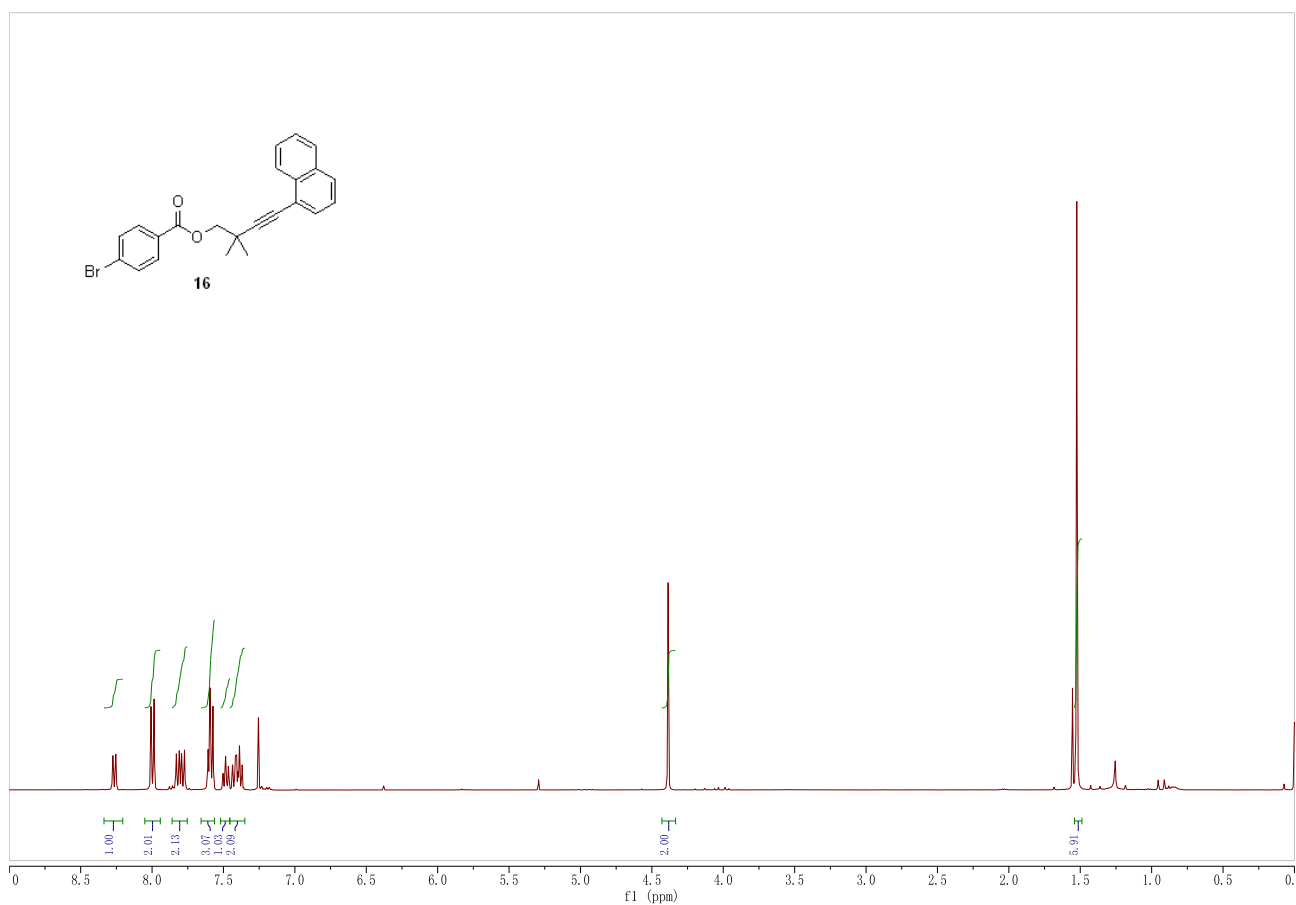
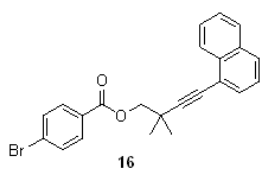


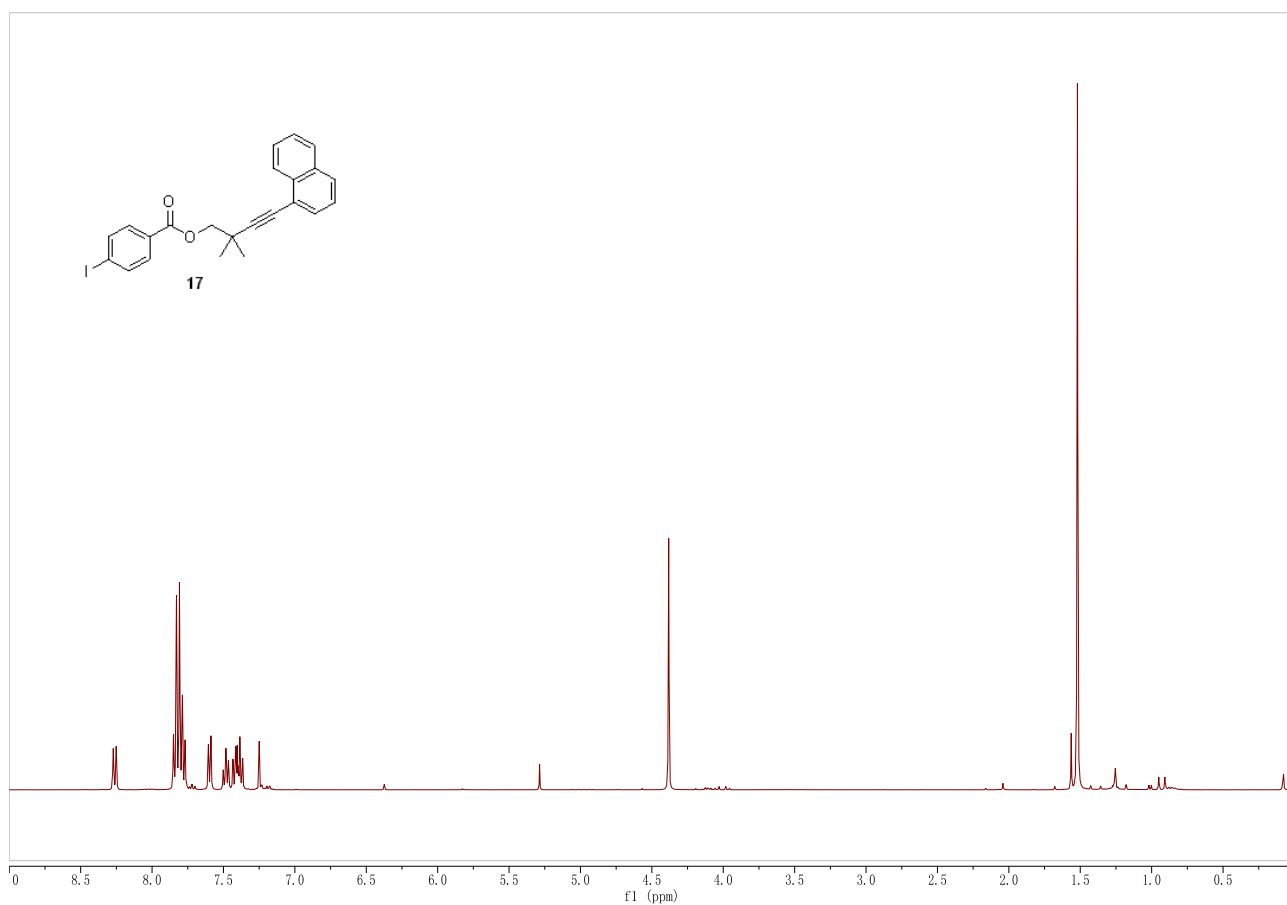
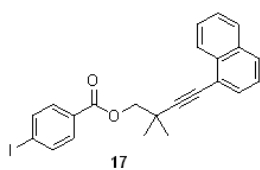
2012310YJ-IX-004-CO CARBON\_01  
2012310YJ-IX-004-CO



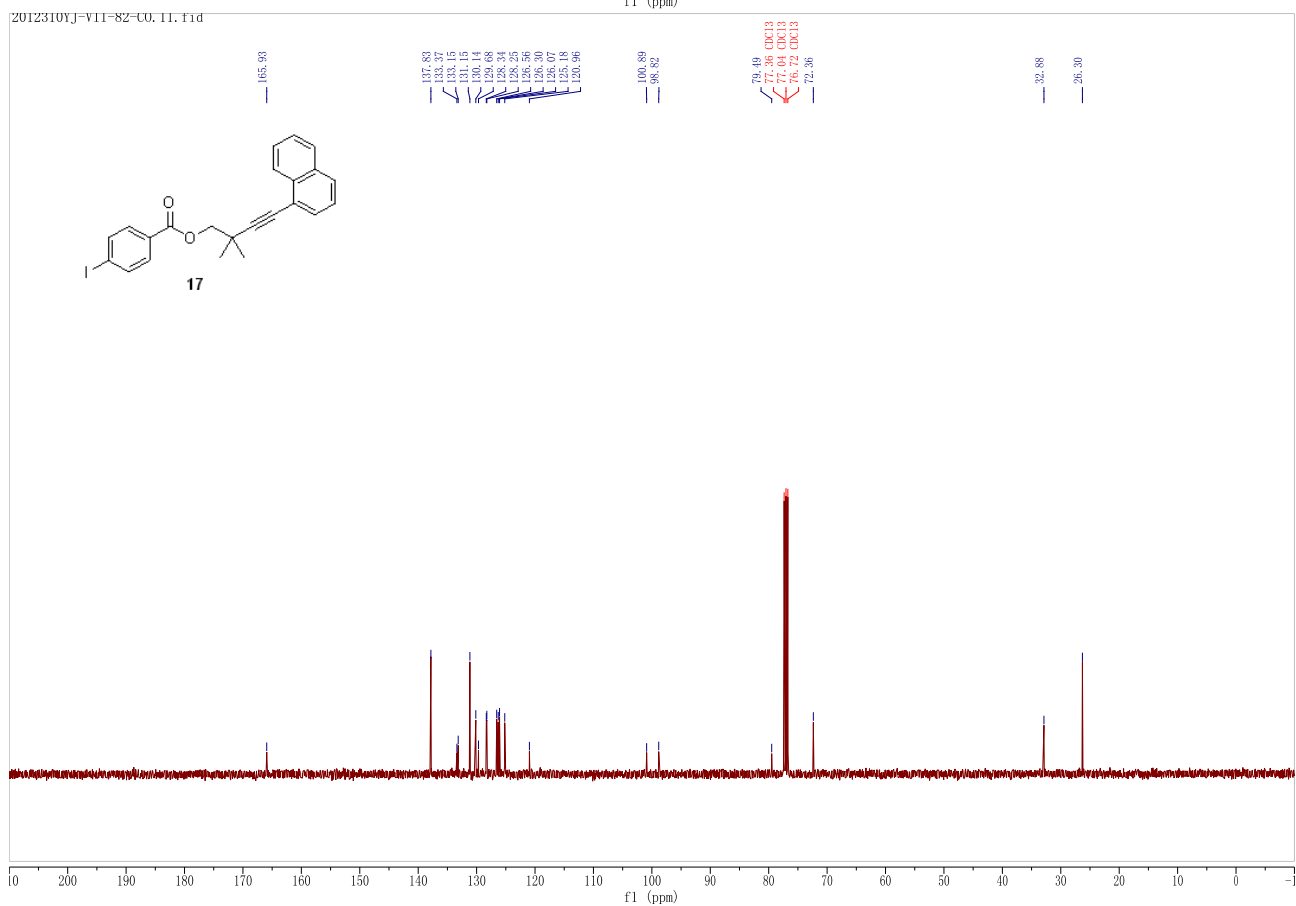
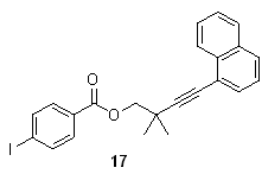


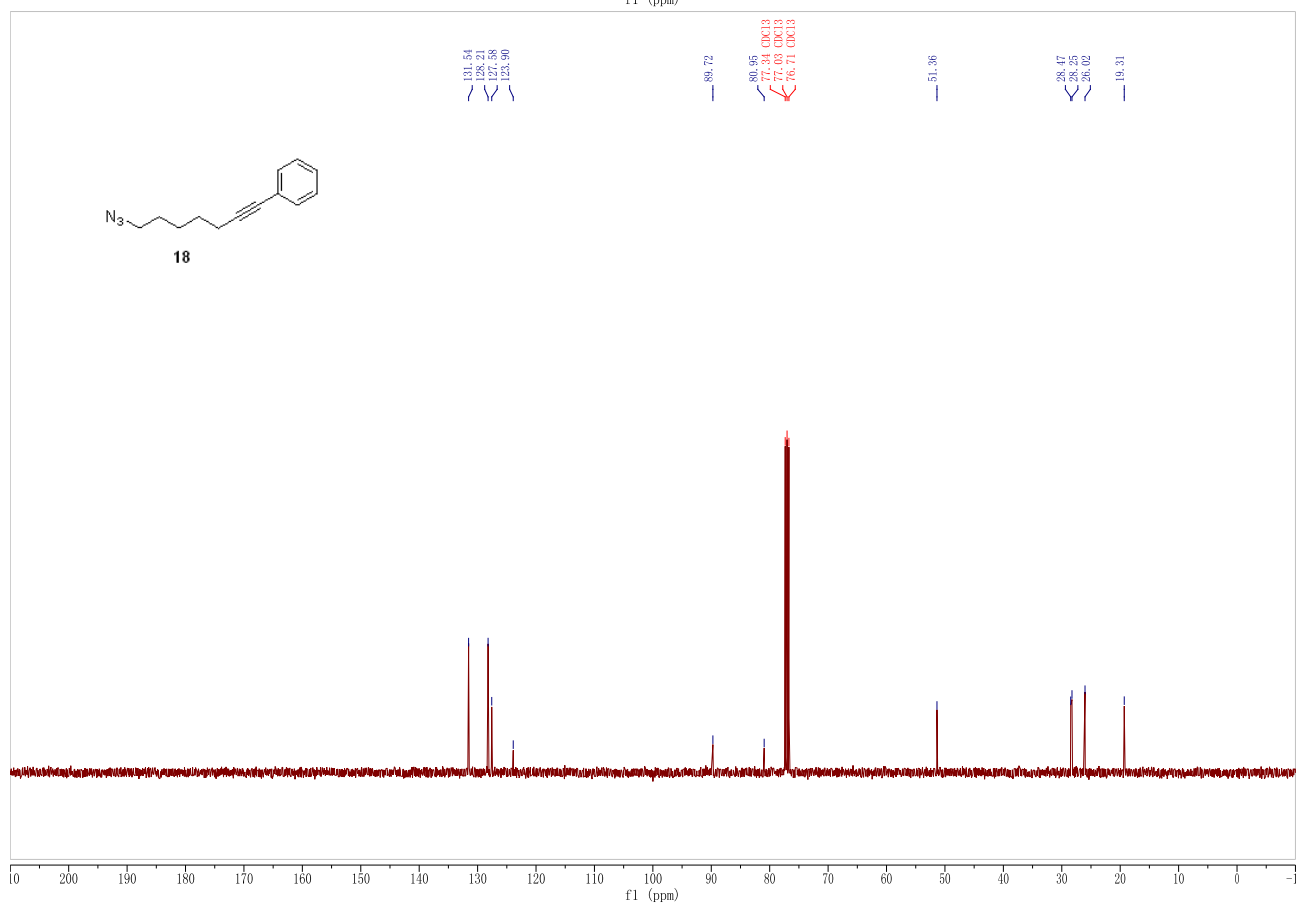
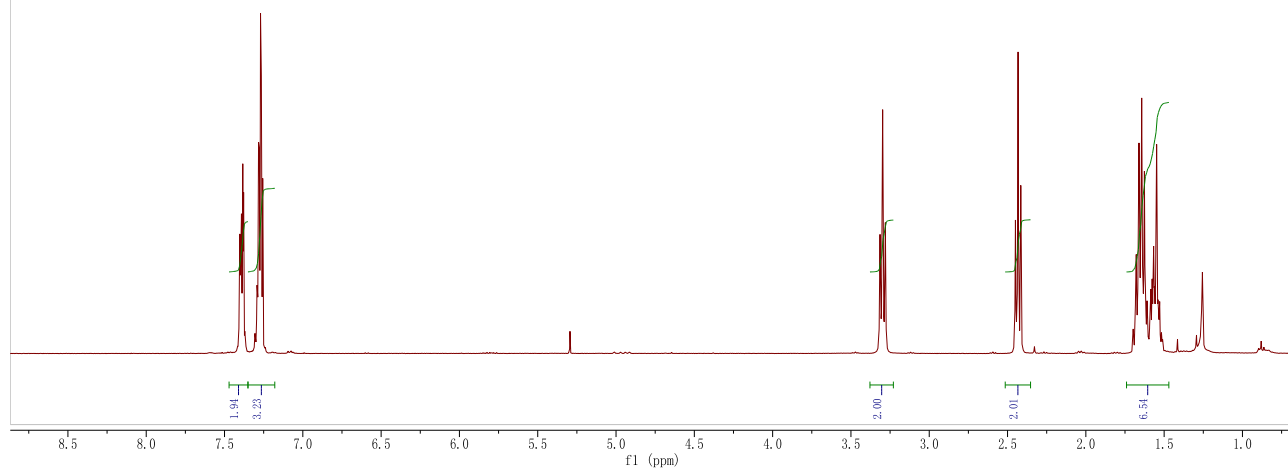
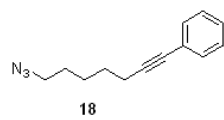


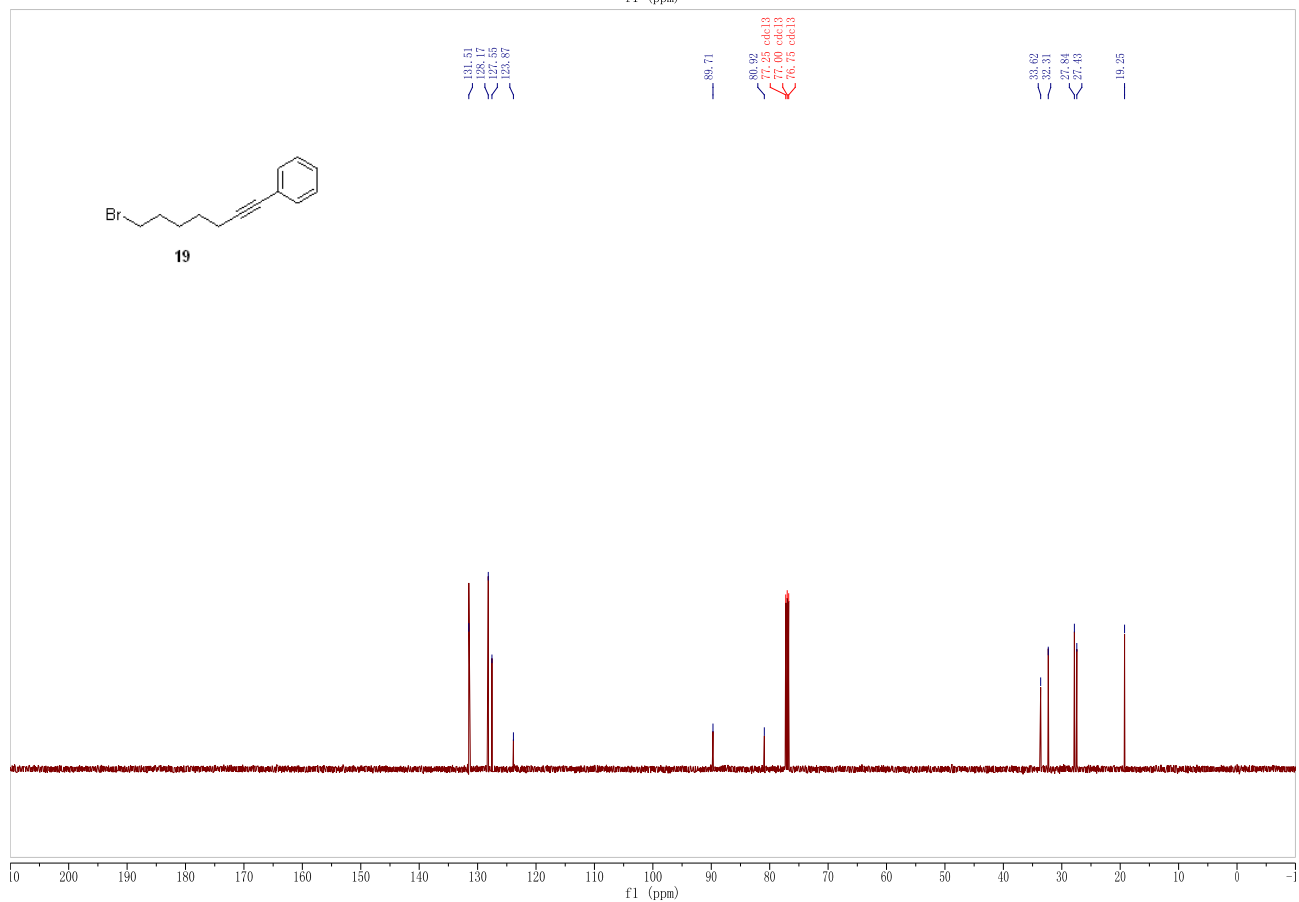
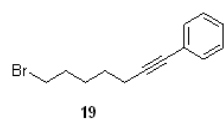
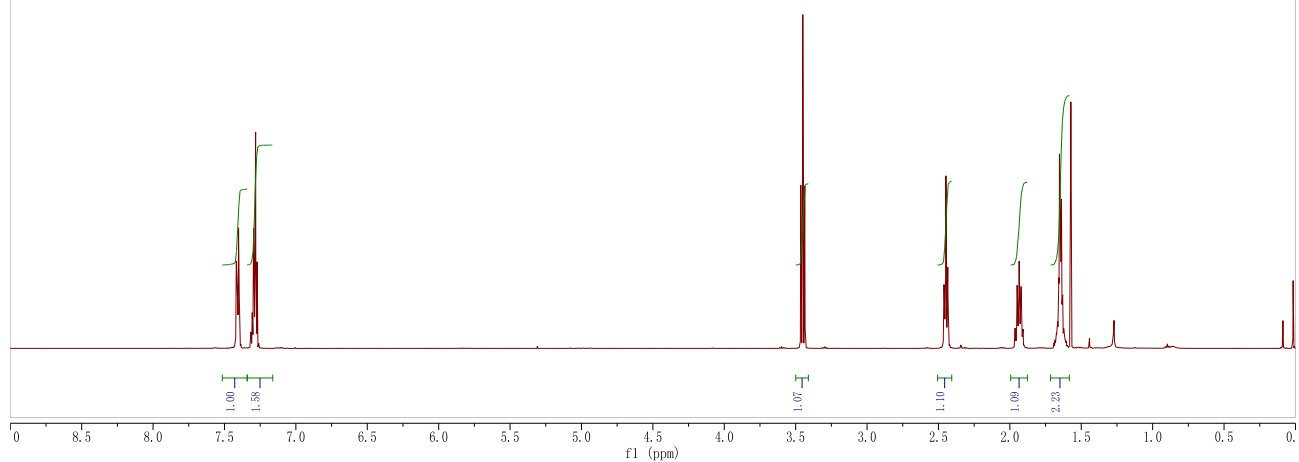
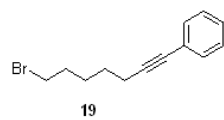




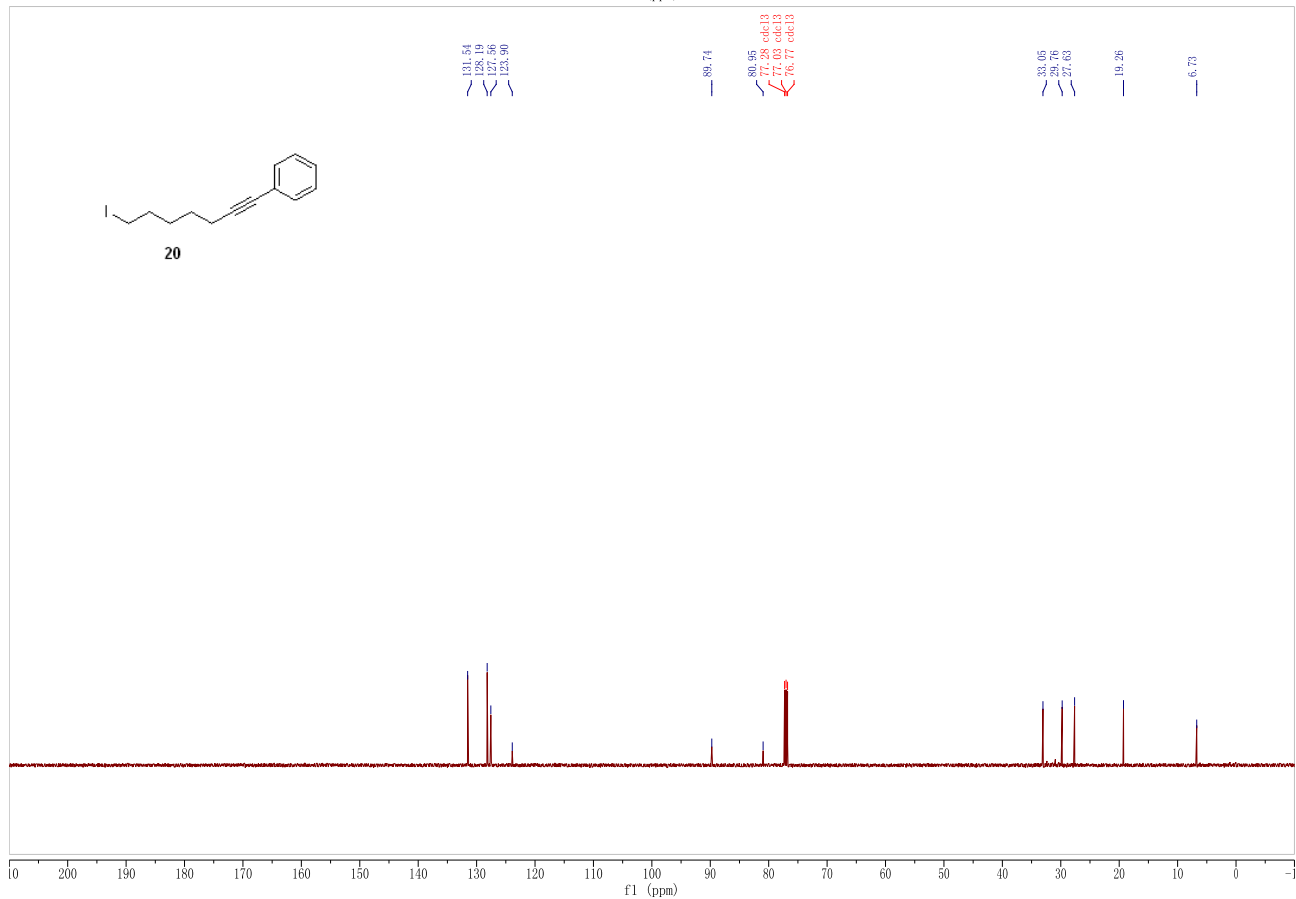
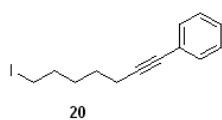
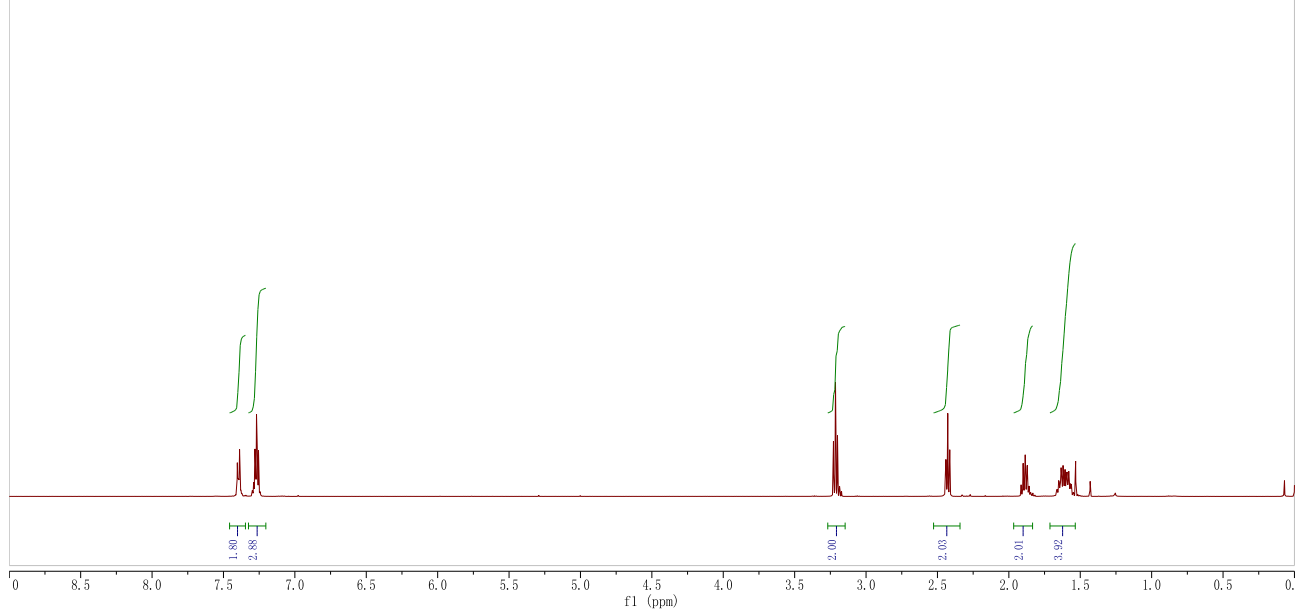
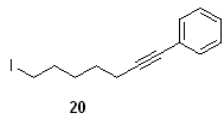
2012310VJ-VII-82-C0.11.f1d



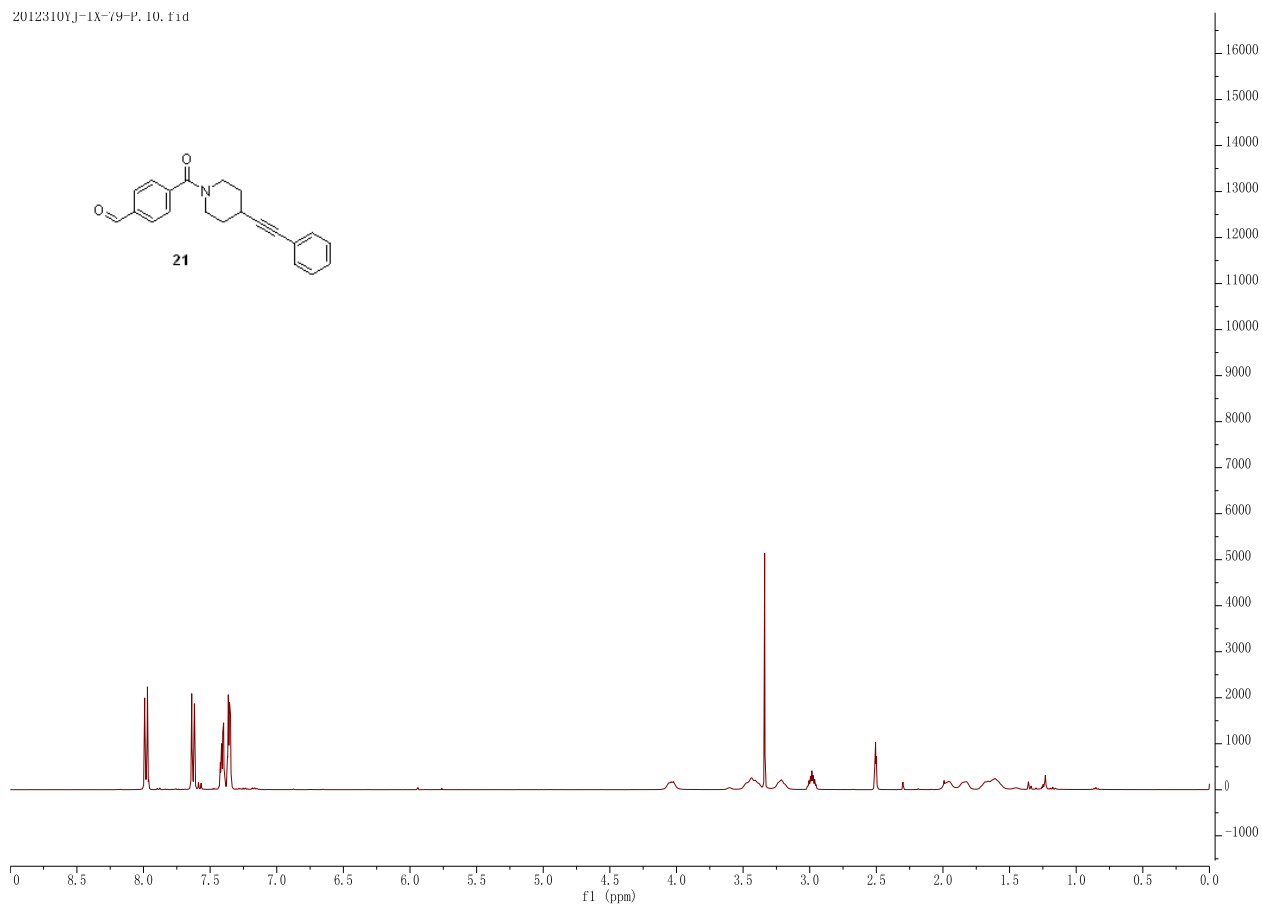
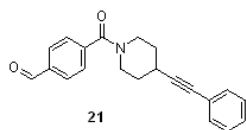




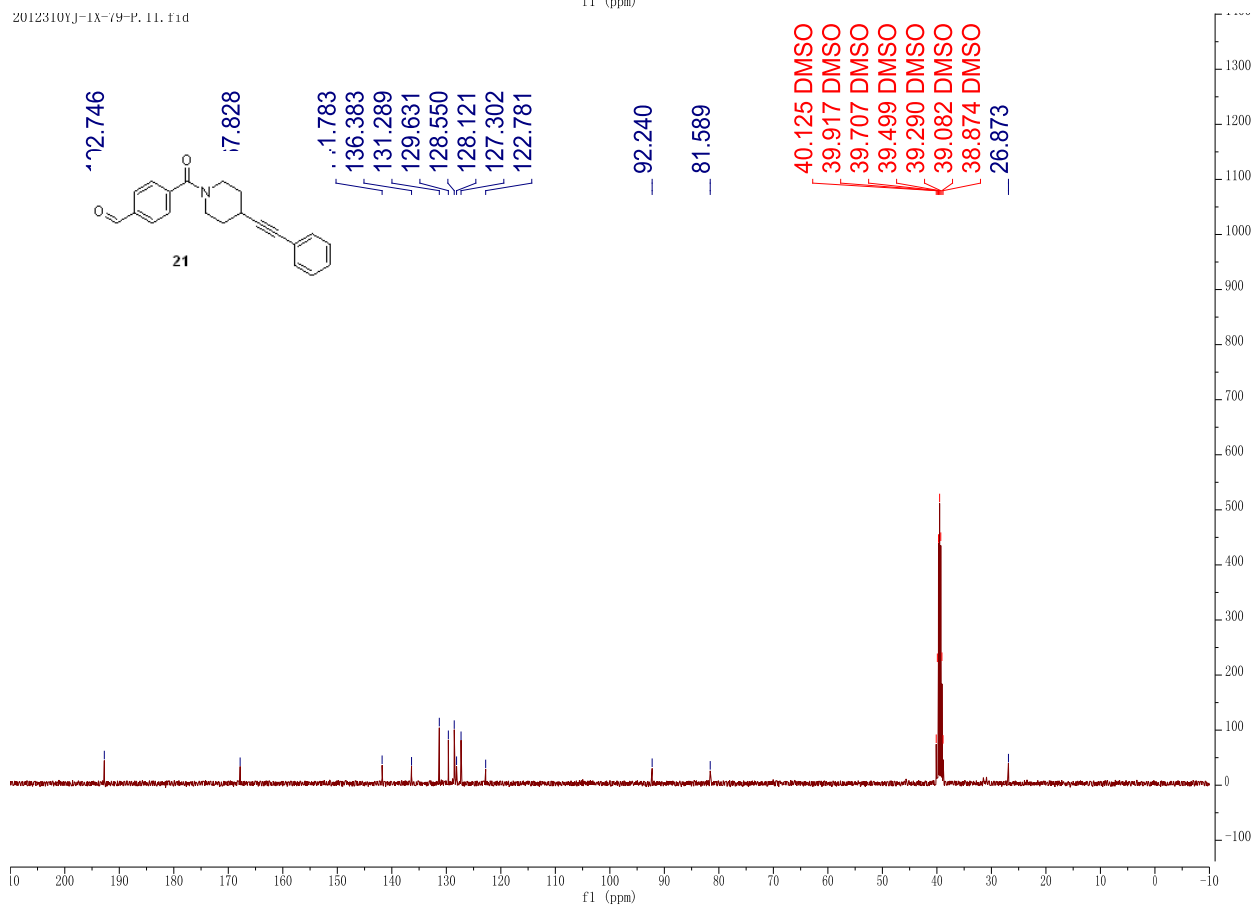
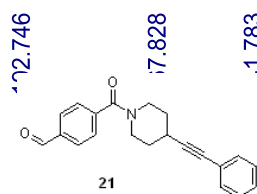
2012310YJ-10-74-CU\_PROTON\_01  
Gradient Shimming



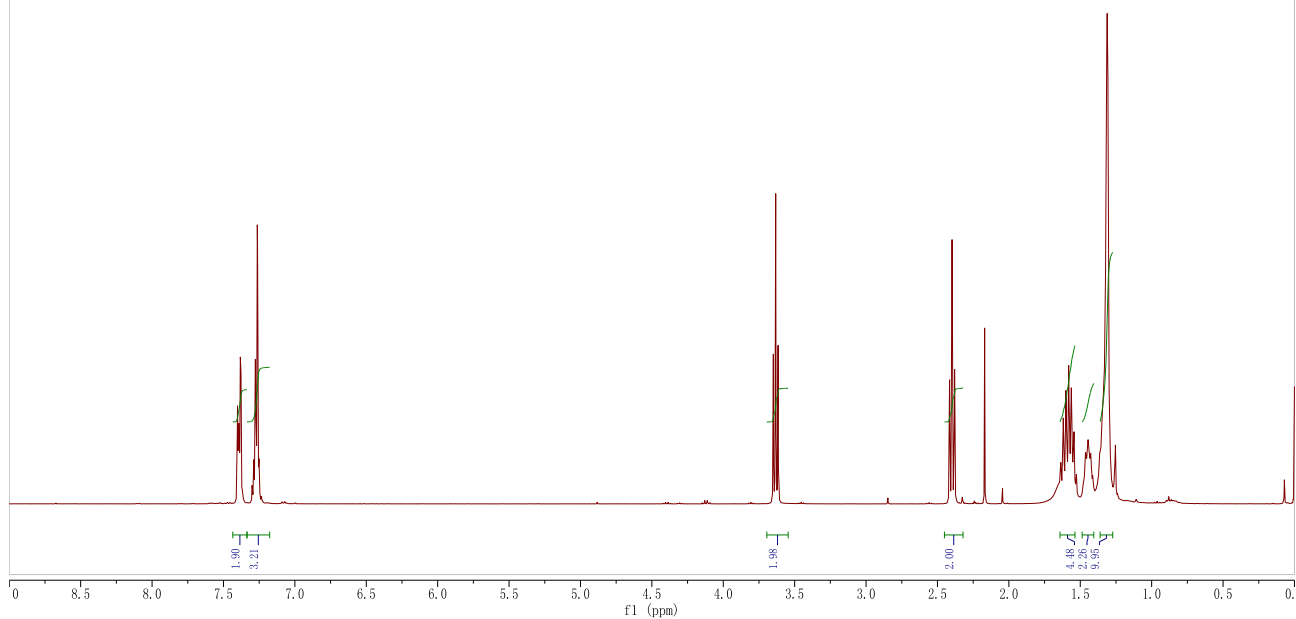
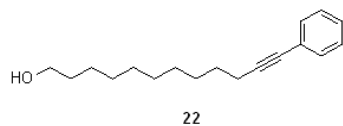
2012310YJ-1X-79-P, 10, f1d



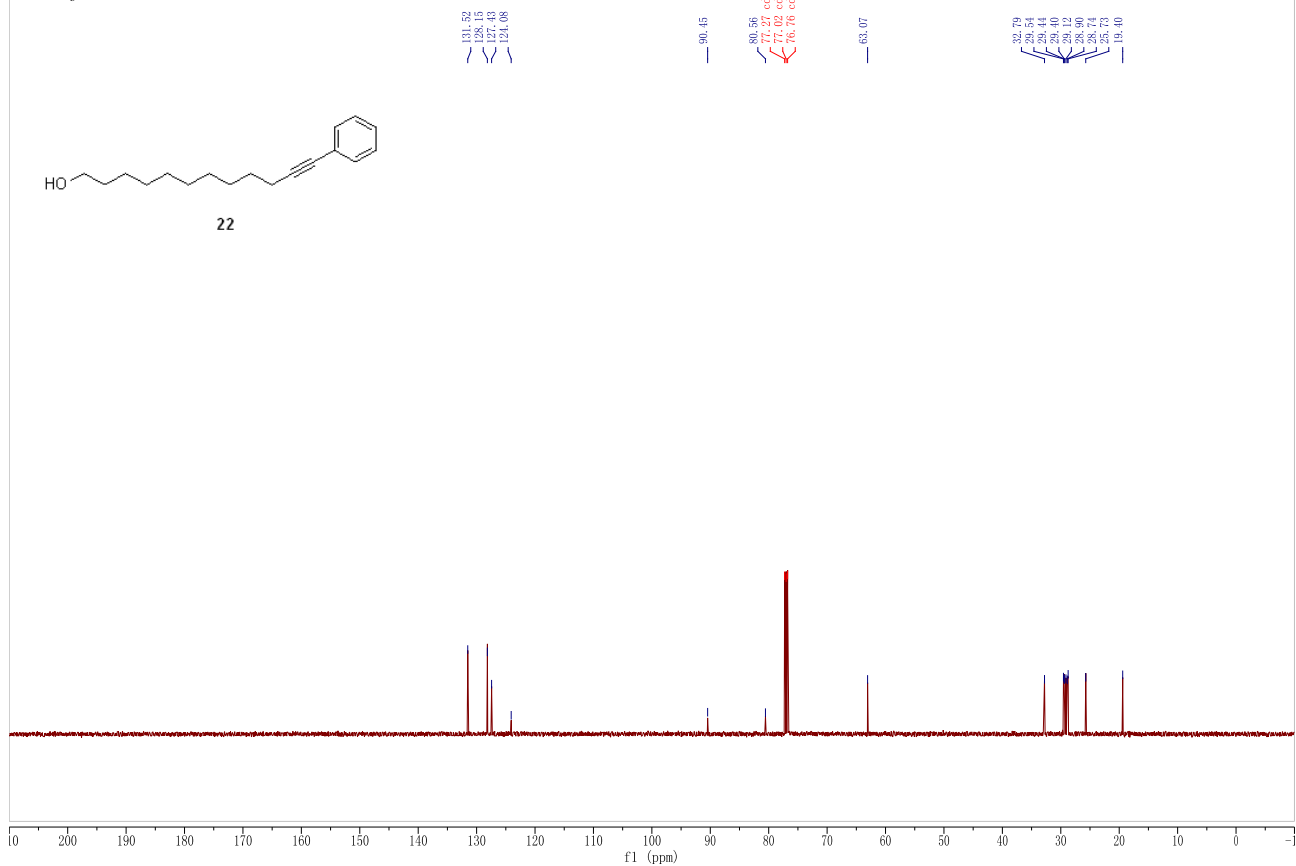
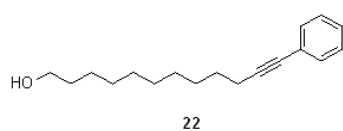
2012310YJ-1X-79-P, 11, f1d



2012310VJ-VIII-057-H-CDC13, 10, T1d

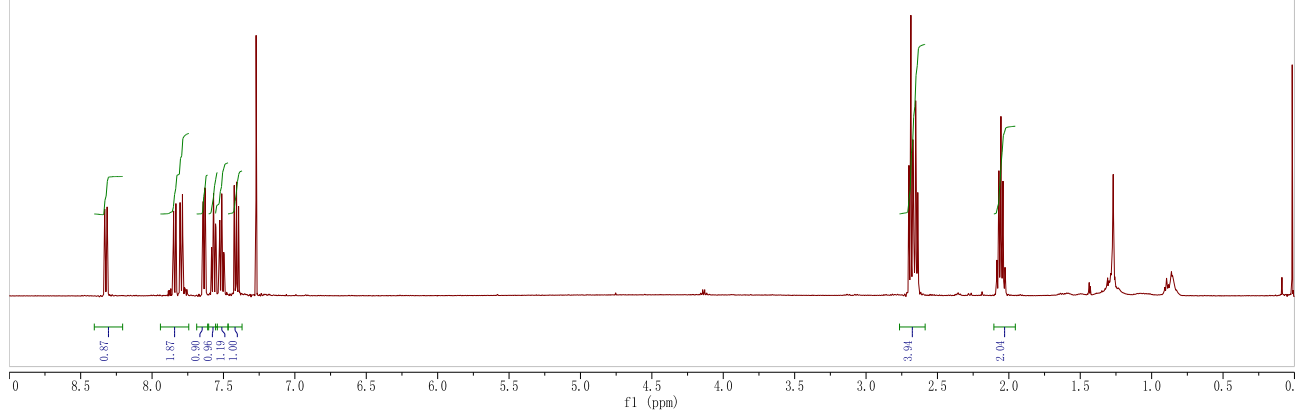
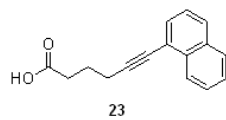


2012310VJ-VIII-057 CARBON\_01  
2012310VJ-VIII-57

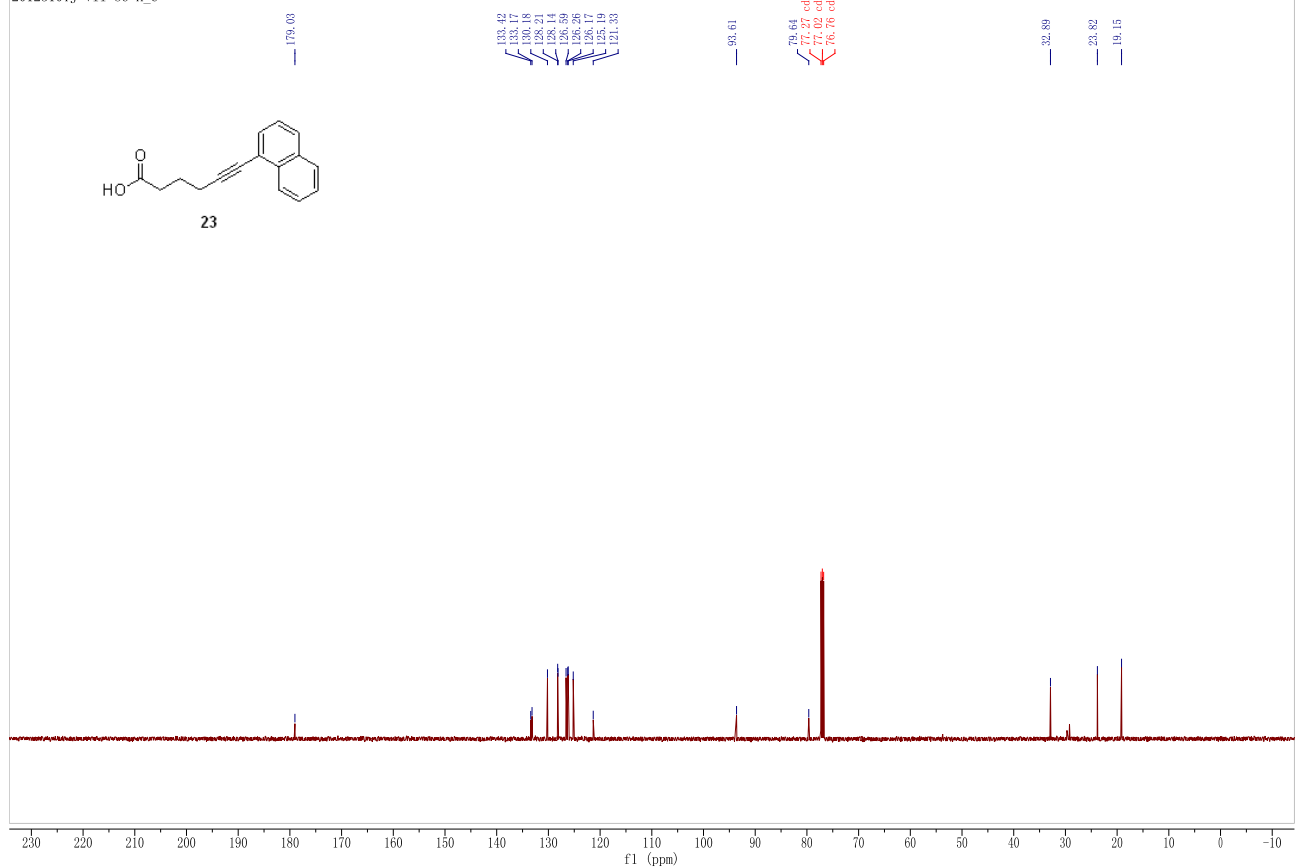
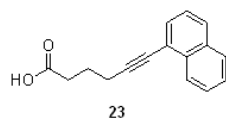




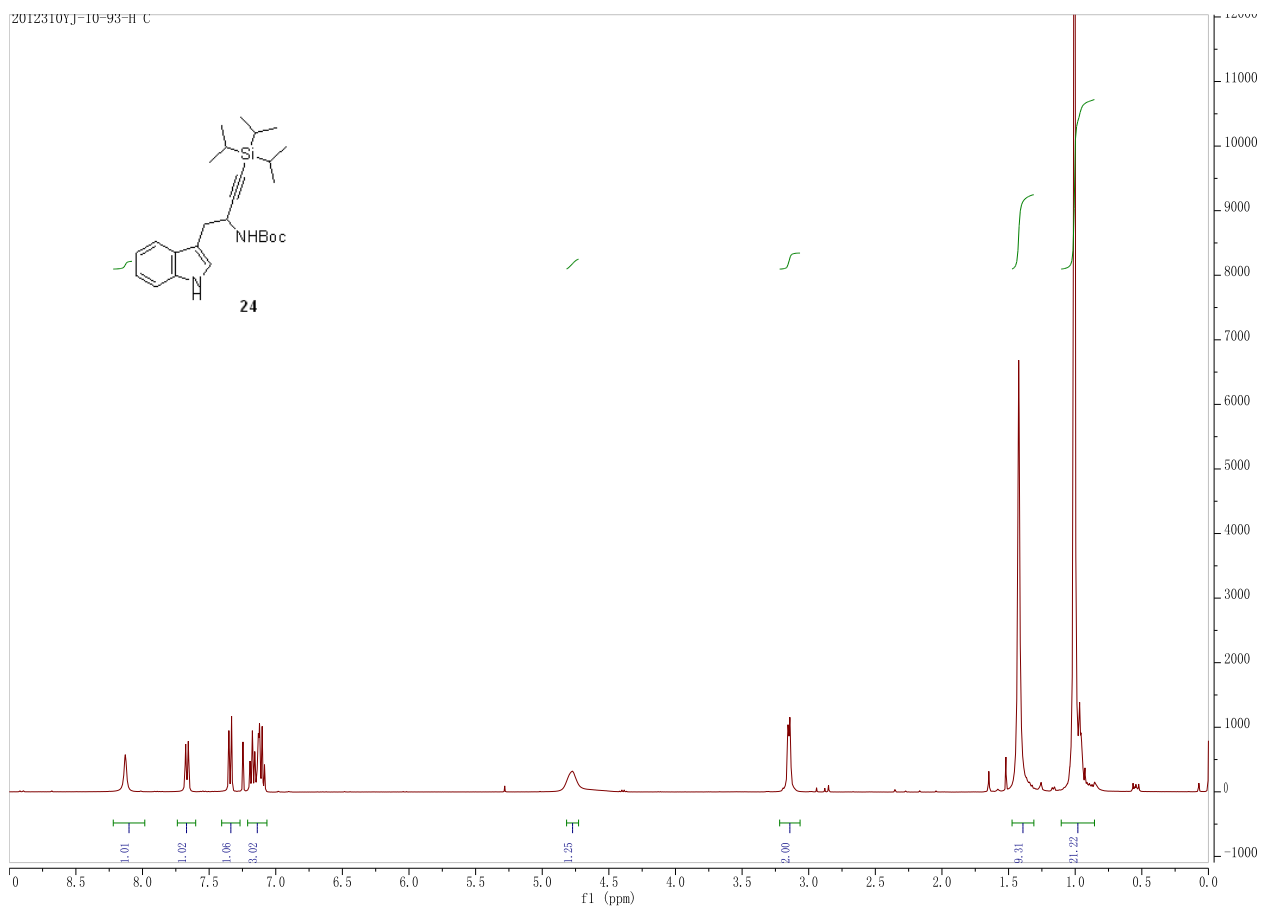
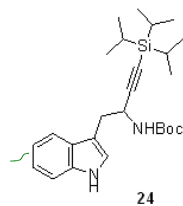
2012310VJ-VII-086-H\_C-PROTON\_01  
Gradient Shimming



2012310VJ-VII-86-H\_C CARBON\_01  
2012310VJ-VII-86-H\_C



2012310VJ-10-93-H C



2012310VJ-10-93-H C

