

Supporting Information

Silver-Catalyzed Conversion of CO₂ and 2-Ethynylanilines into 4-Hydroxyquinolin-2(1*H*)-ones in Protic Ionic Liquid at Atmospheric Pressure

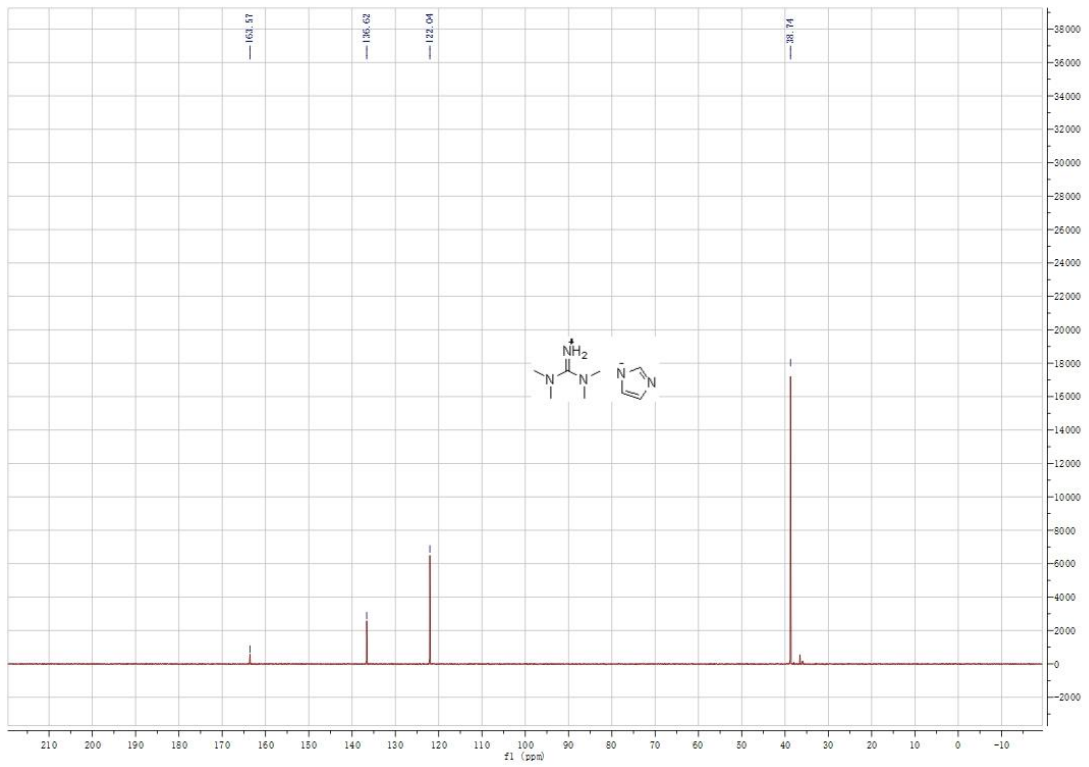
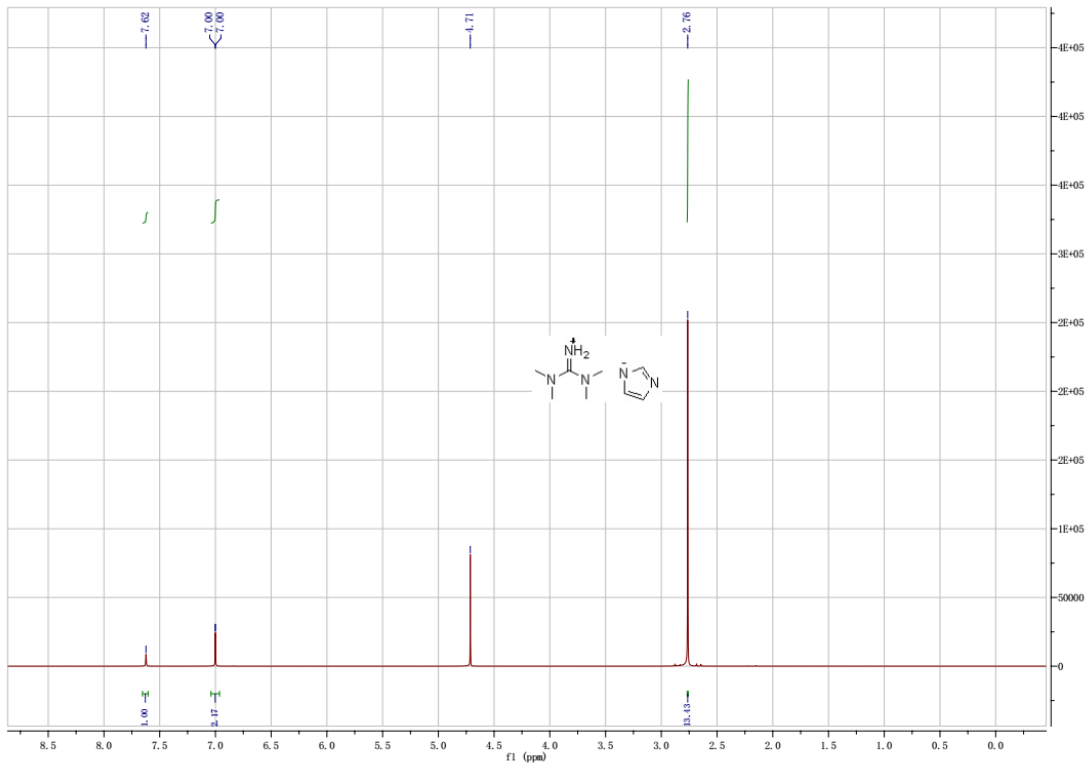
Qi Feng,^{*1} Keyan Yuan¹, Miaoqing Zhu¹, Jinzong You¹ and Congmin Wang²

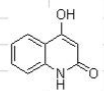
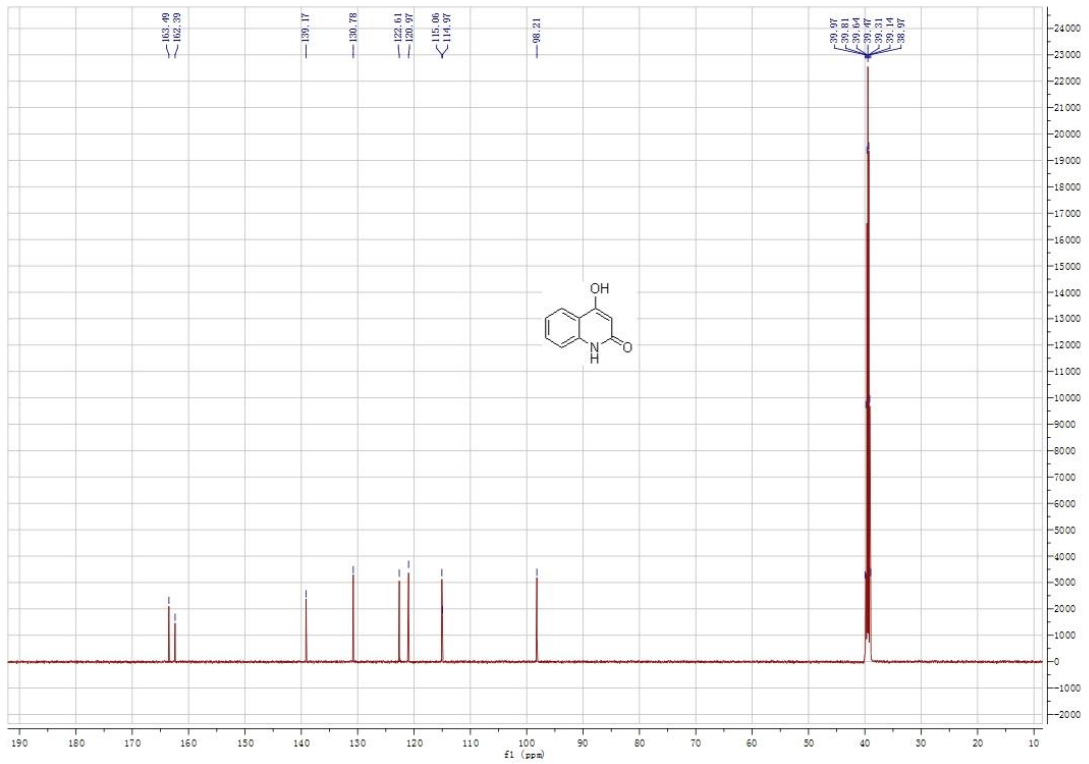
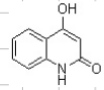
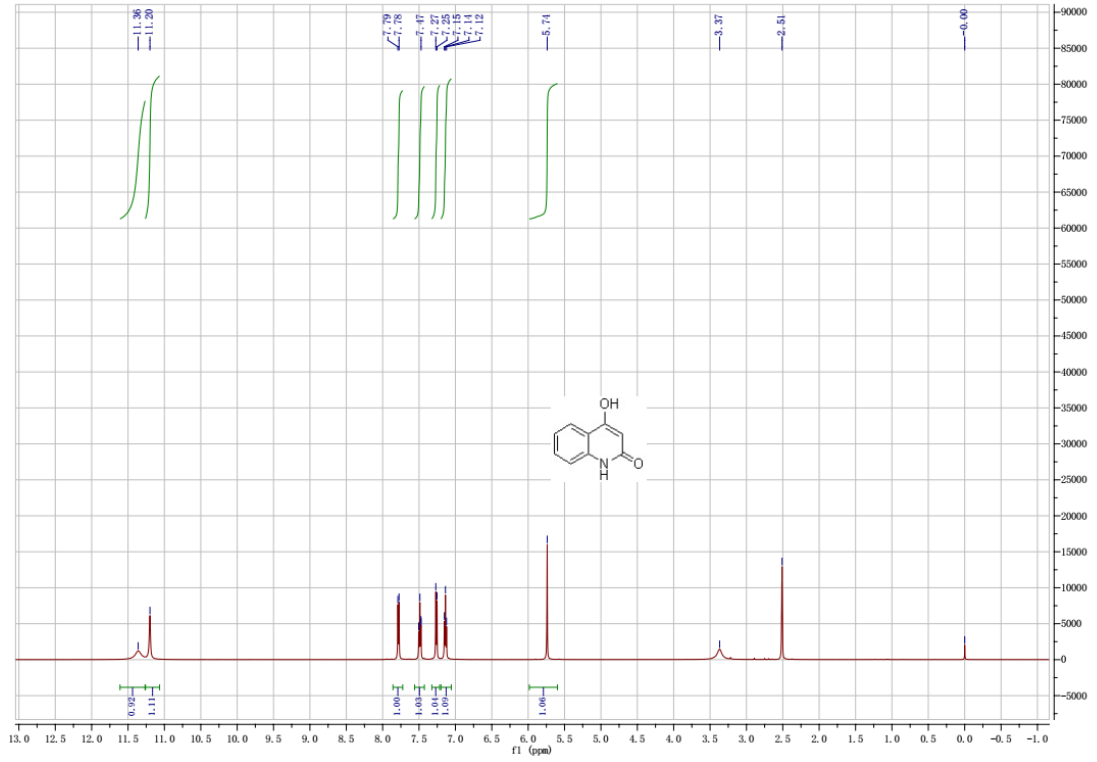
¹Department of Science Education, School of Education, Zhejiang International Studies University, Hangzhou, Zhejiang, 310023. Email: fengqi@zisu.edu.cn.

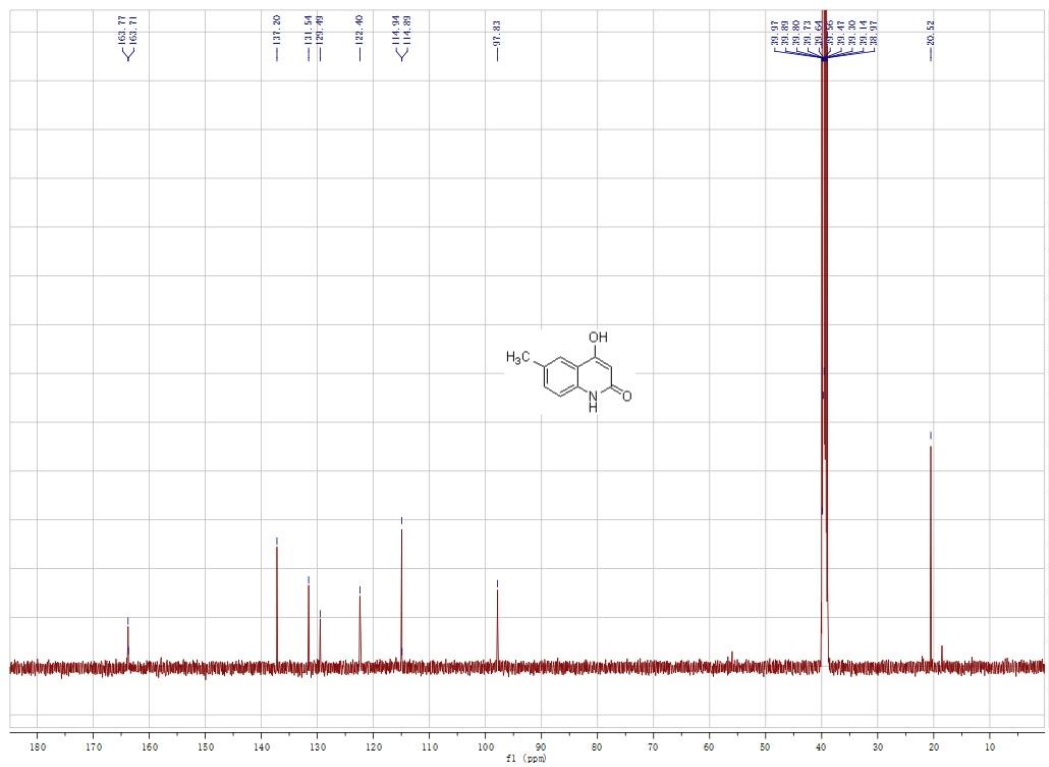
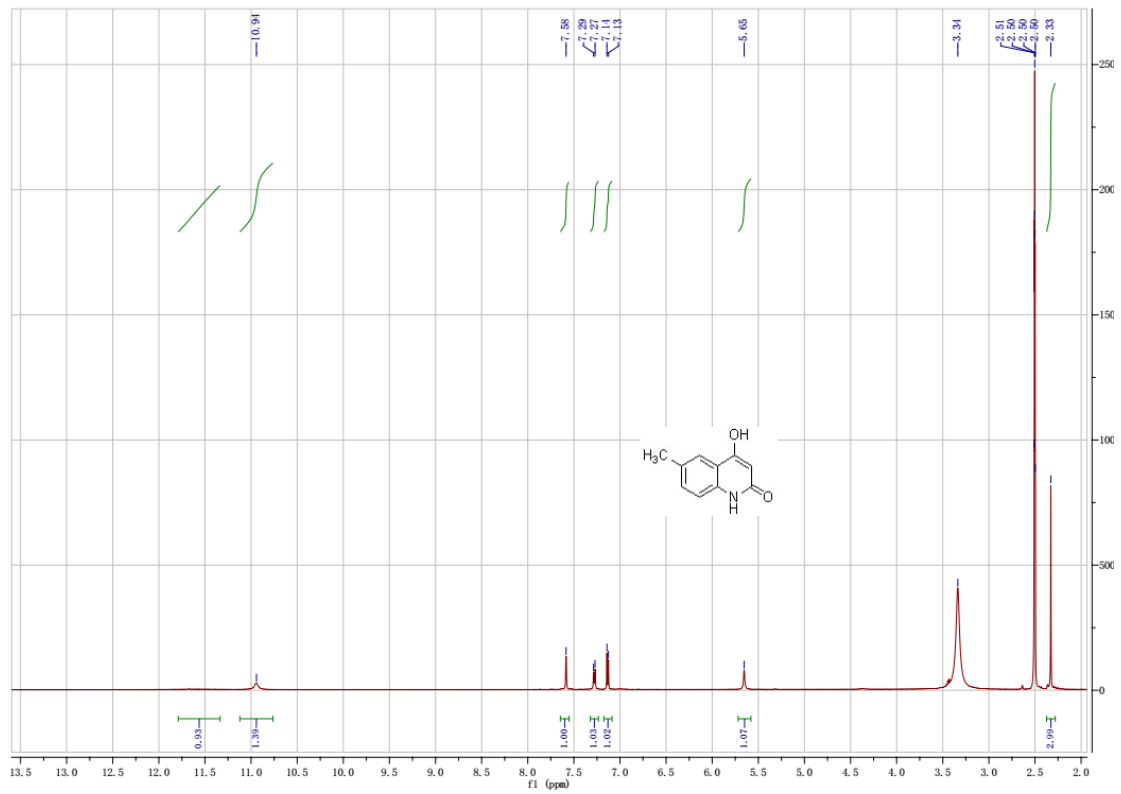
²Department of Chemistry, Zhejiang University, Hangzhou, Zhejiang, 310027.

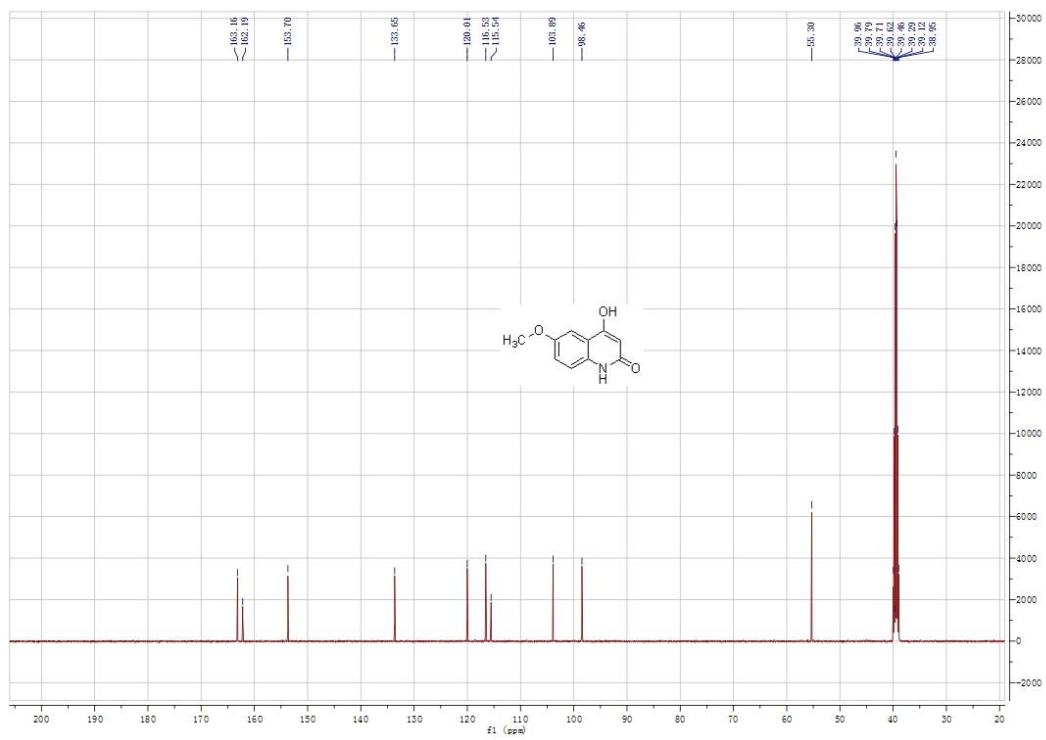
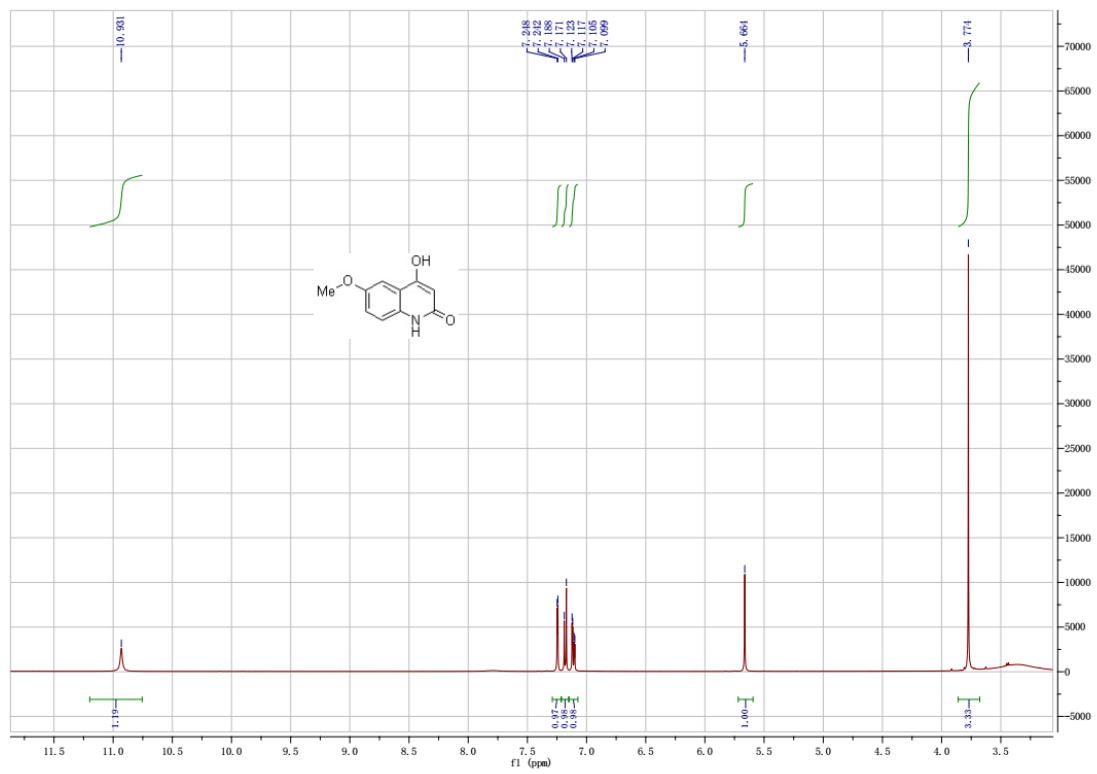
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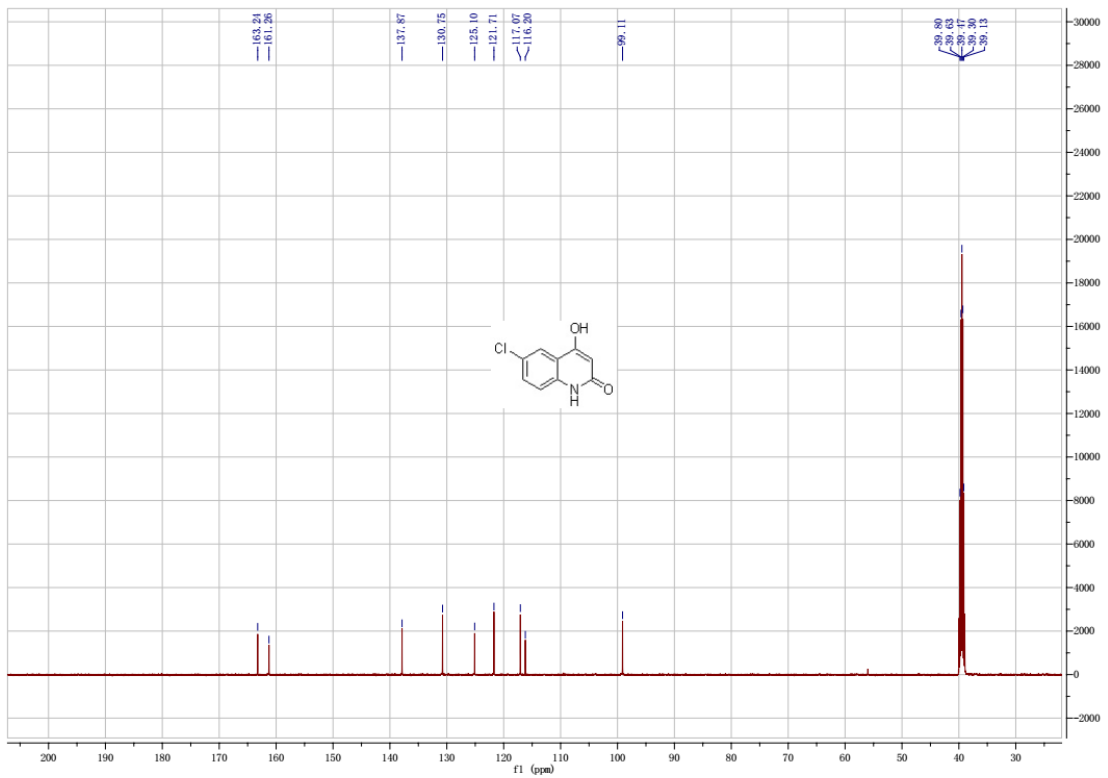
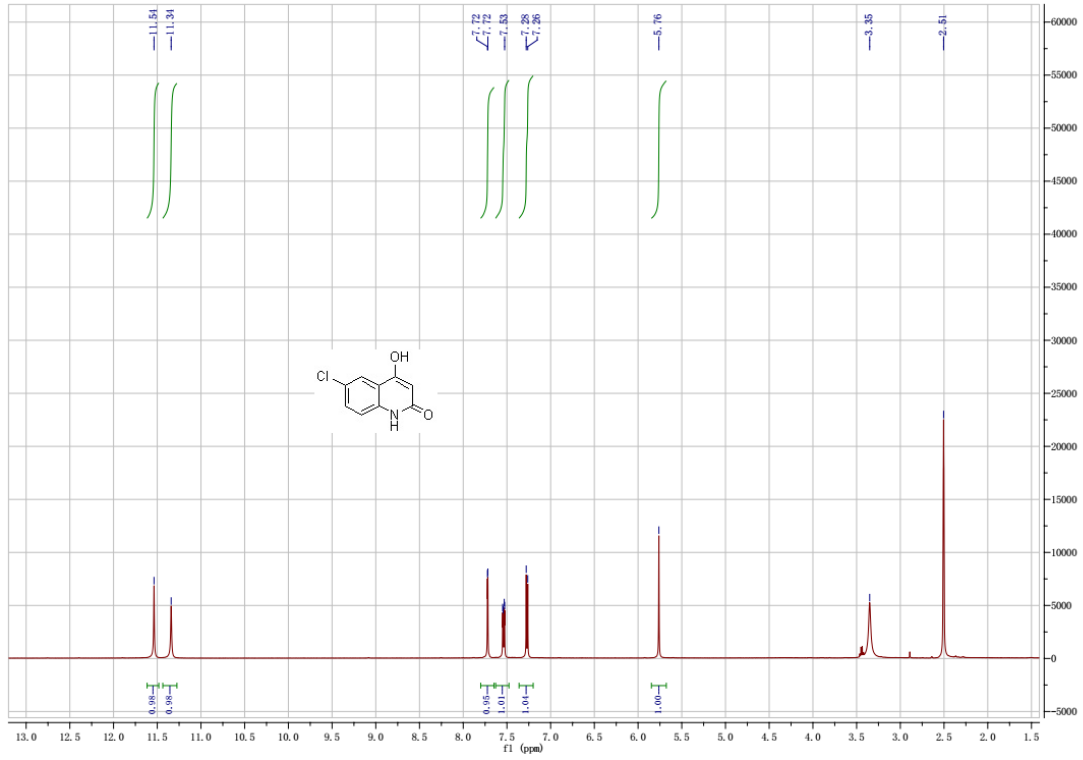
1. ¹H NMR and ¹³C NMR spectra of [HTMG][Im] and compound **2a-2h**.
2. HRMS of compounds **2d** and **2h**.

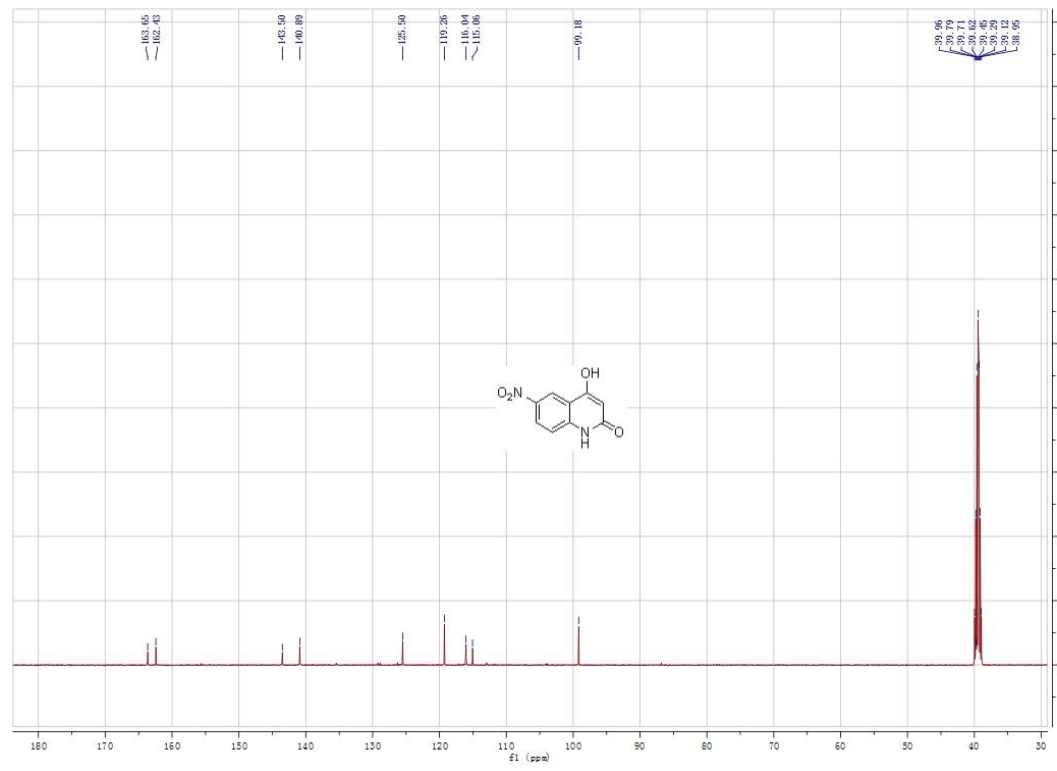
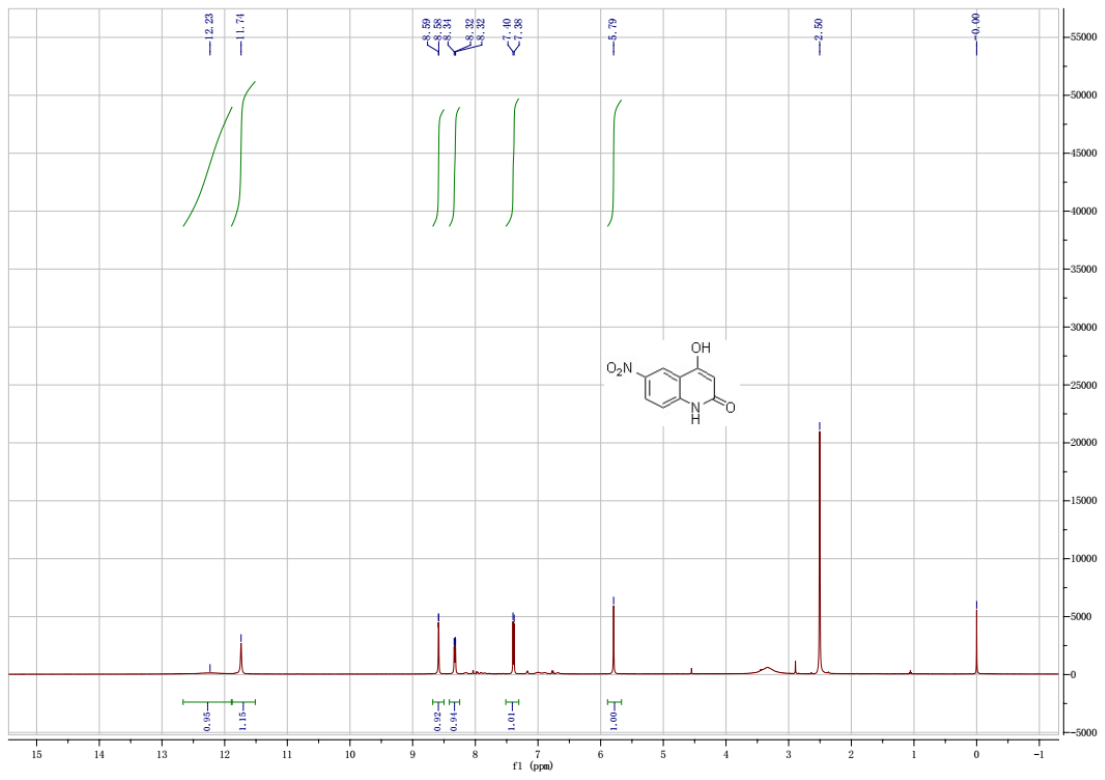


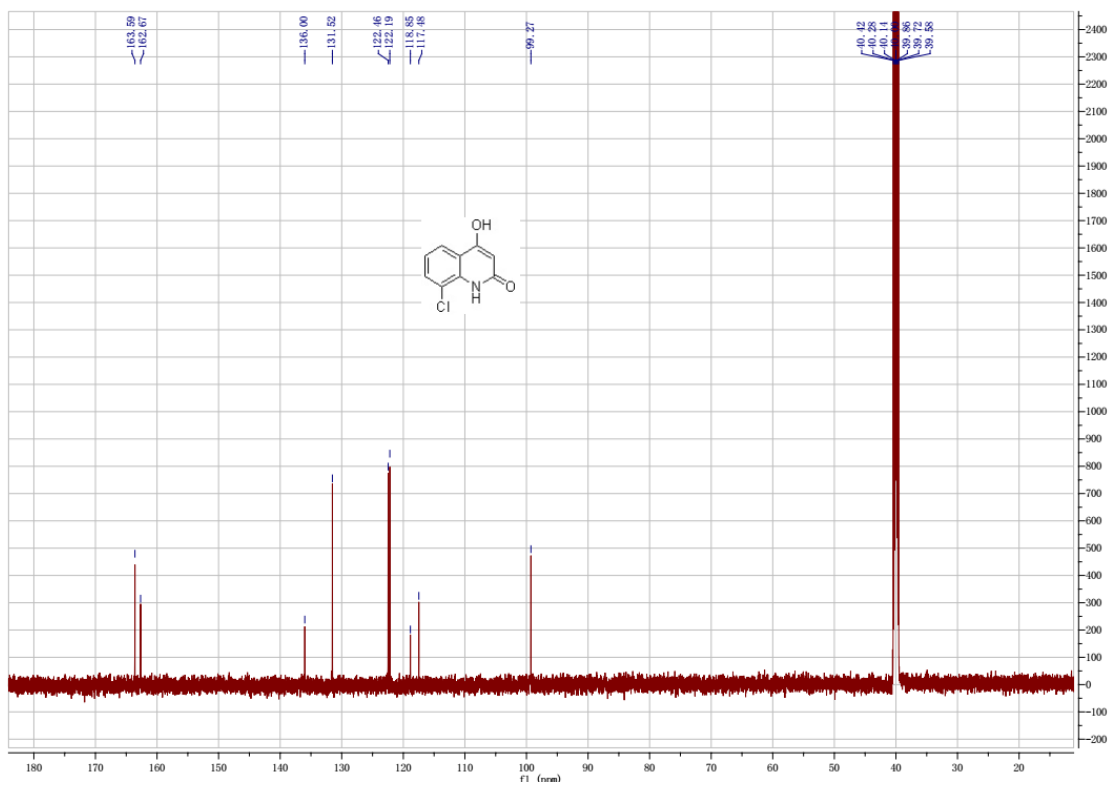
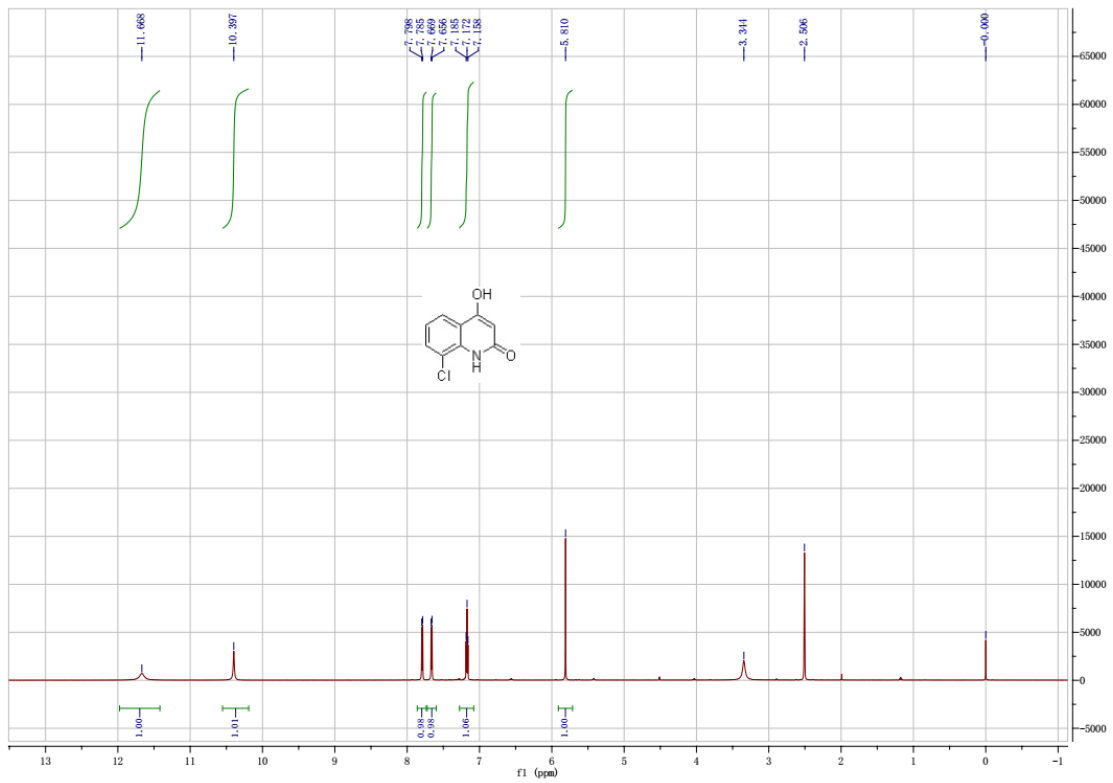


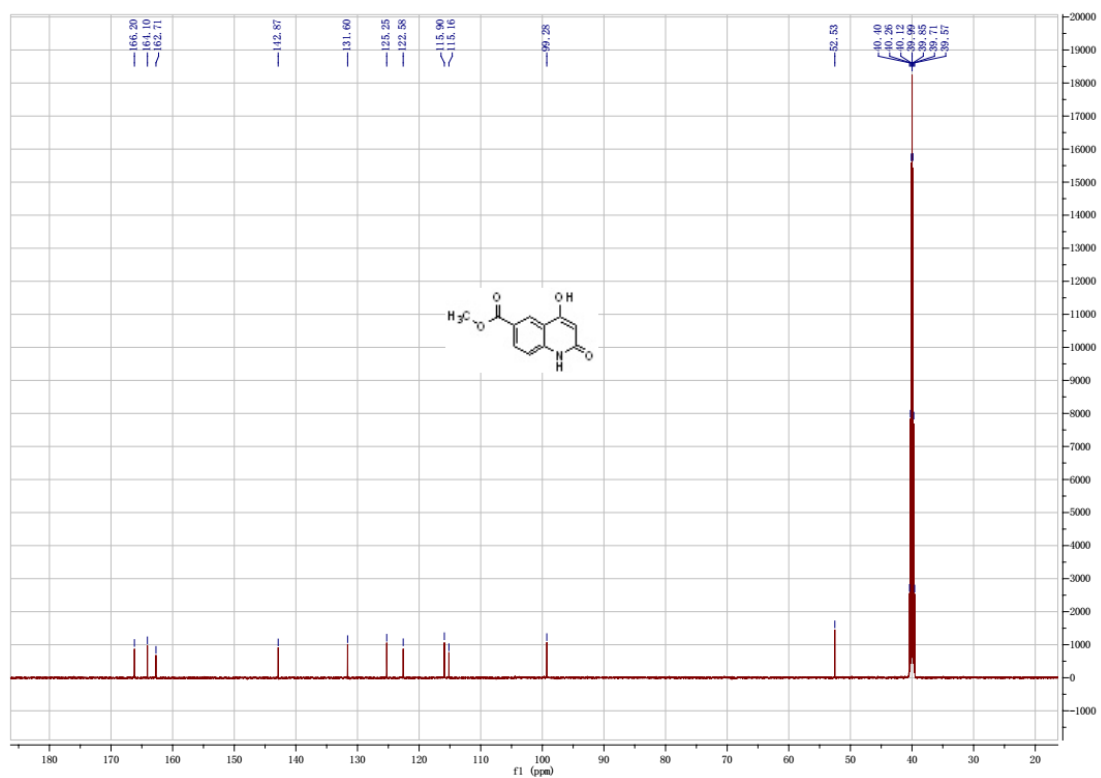
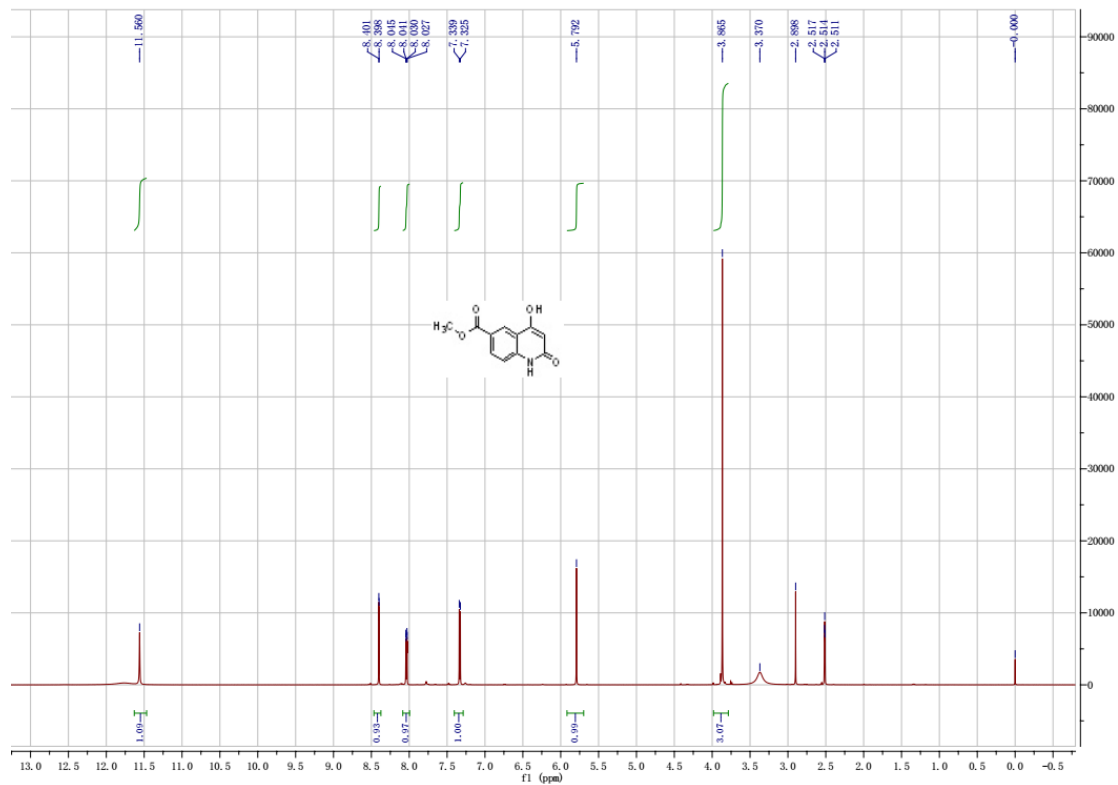


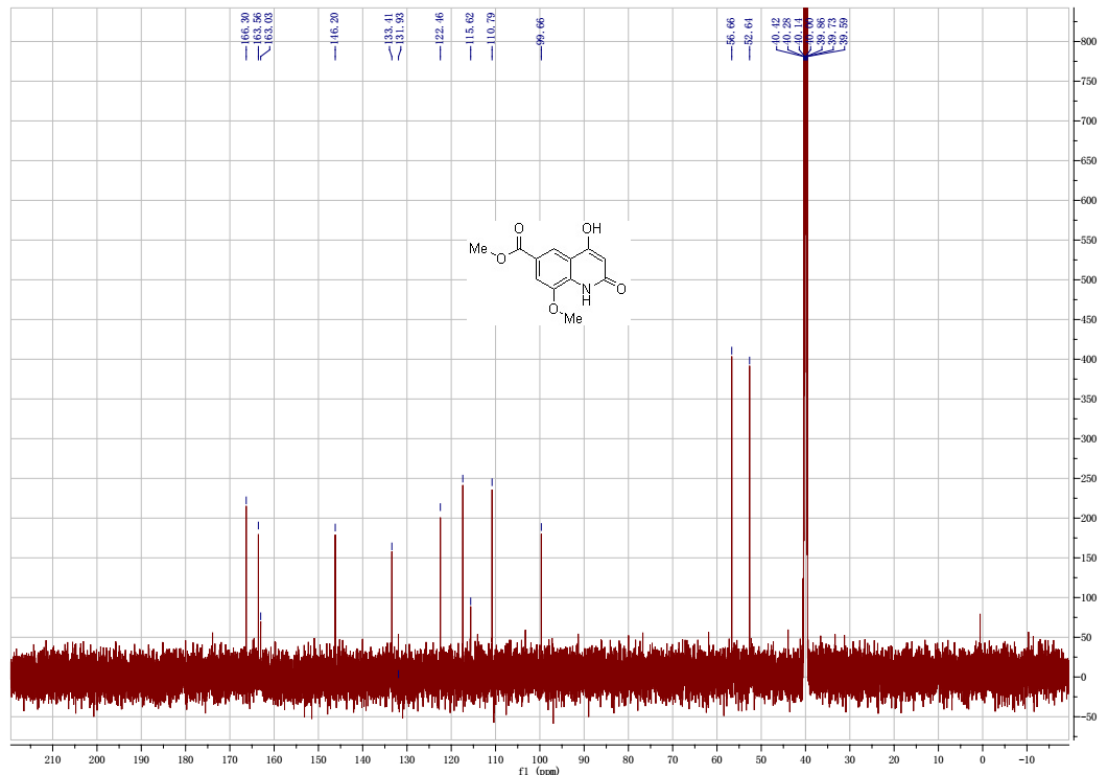
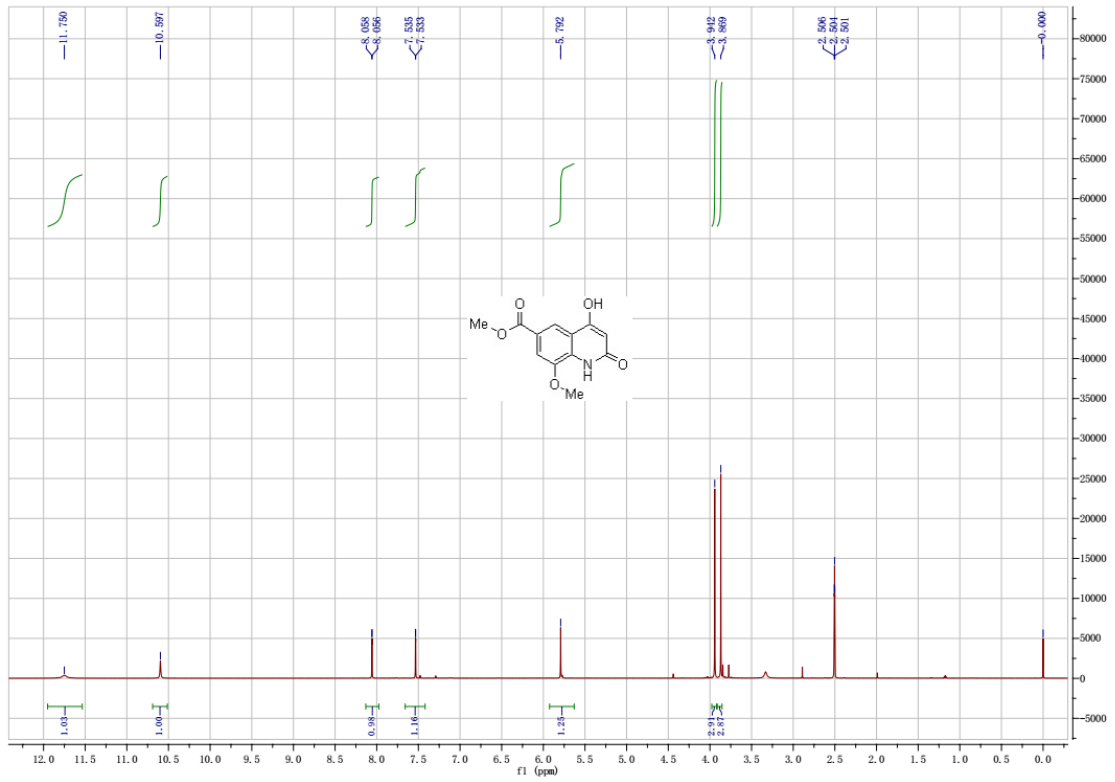




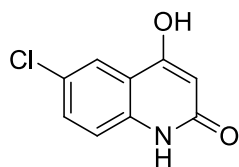
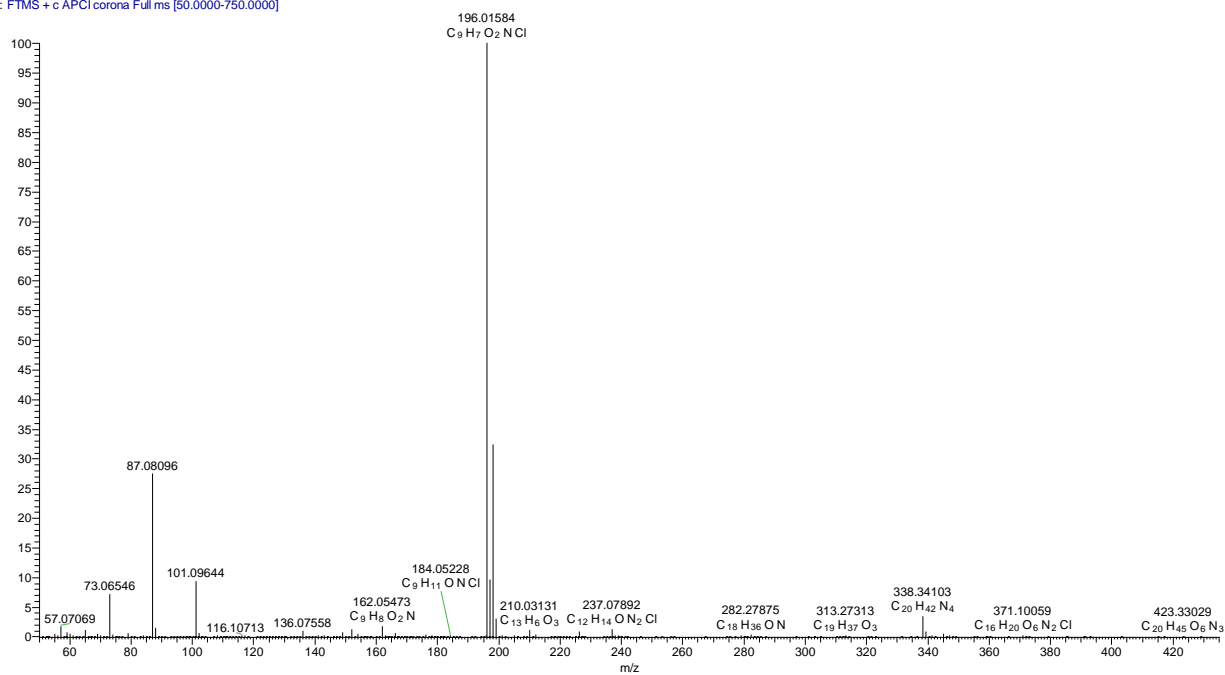






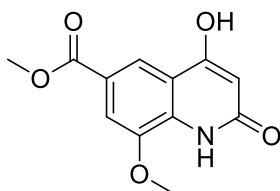
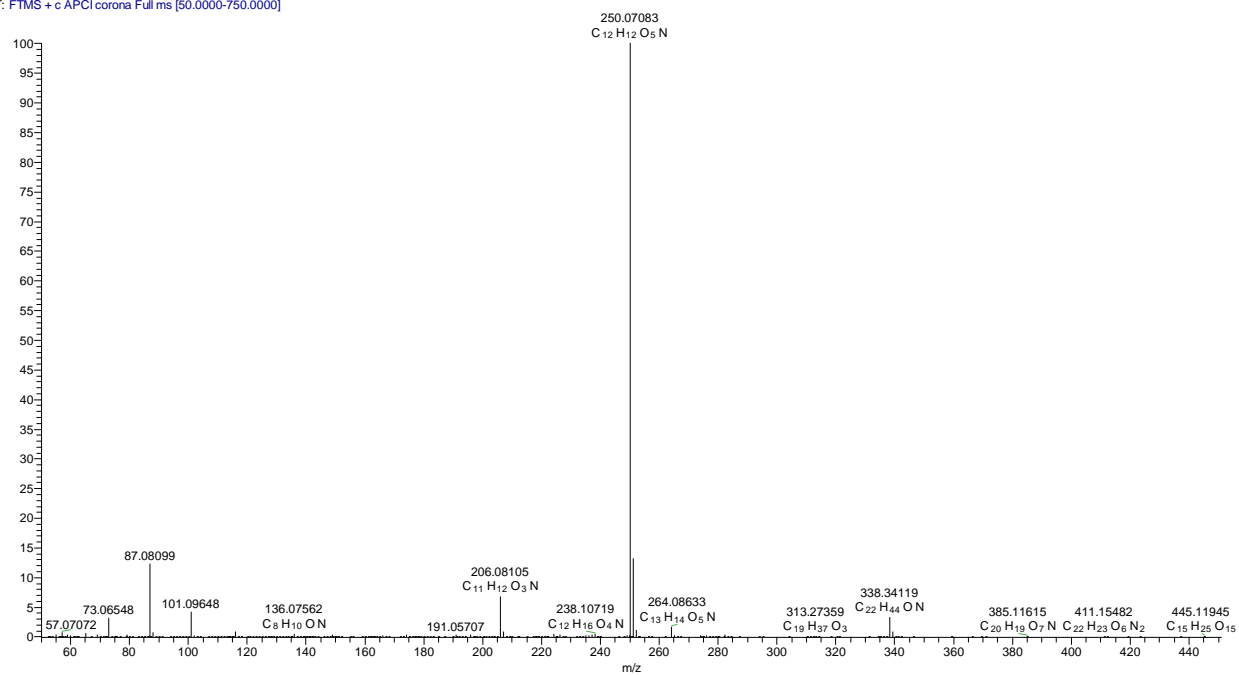


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T: FTMS + c APCI corona Full ms [50.0000-750.0000]



Chemical Formula: C₉H₆ClNO₂
Molecular Weight: 195.60

2 #15 RT: 0.16 AV: 1 NL: 1.97E9
T: FTMS + c APCI corona Full ms [50.0000-750.0000]



Chemical Formula: C₁₂H₁₁NO₅
Molecular Weight: 249.22