

Supplementary Material

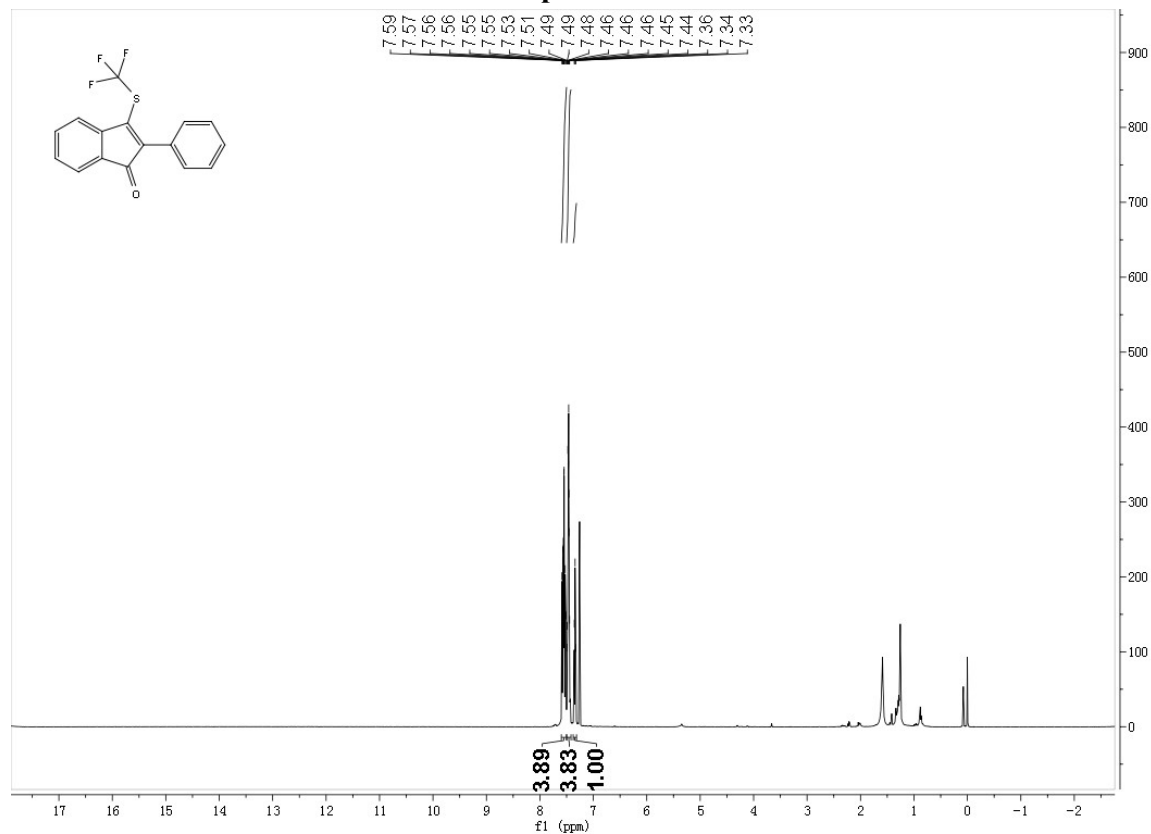
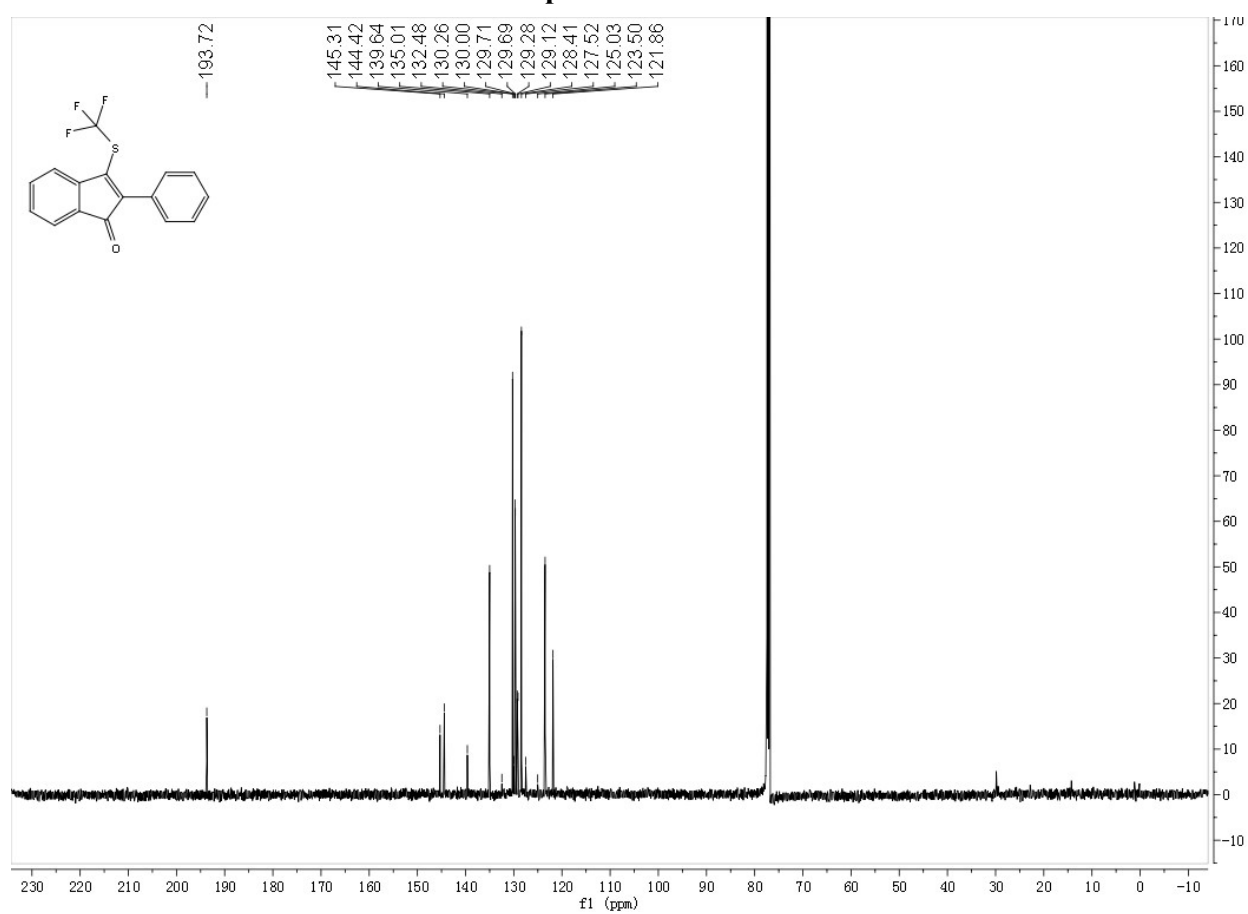
A facile trifluoromethylthiolation of 3-chloro-1*H*-inden-1-ones employing AgSCF₃ and KI

Biao Dong,¹ Xiaofei Zhang,² Ruiling Liu,² and Chunhao Yang*²

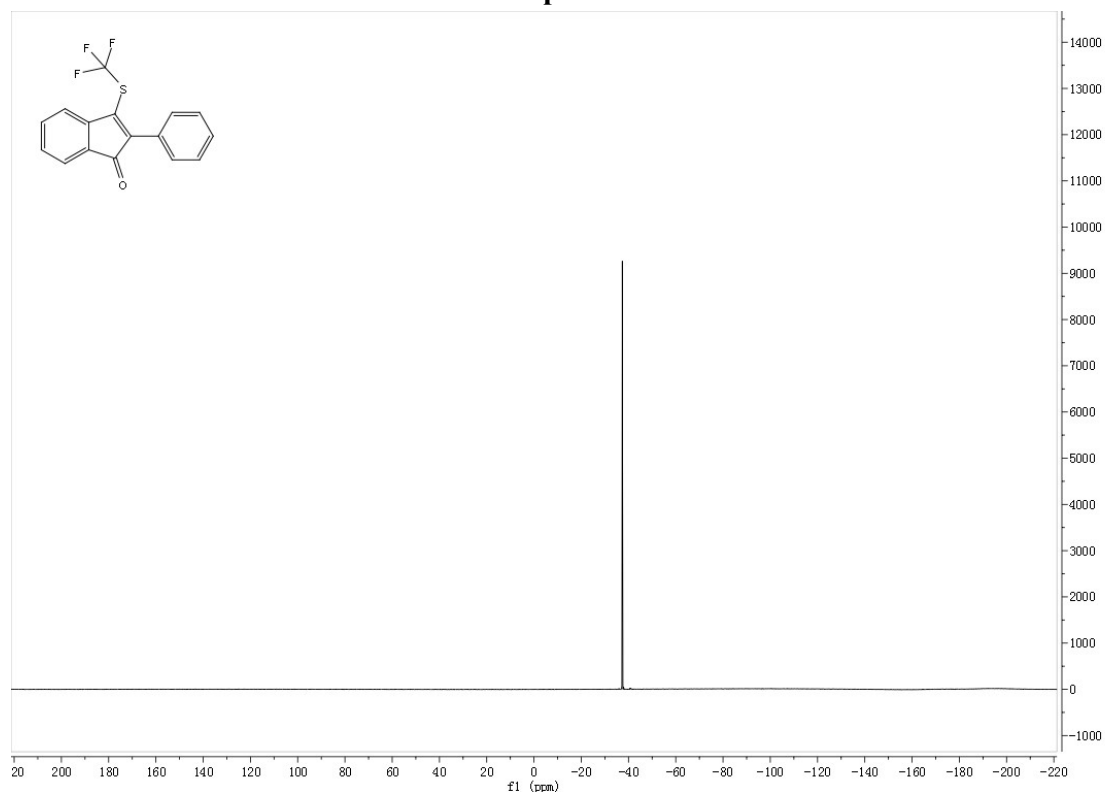
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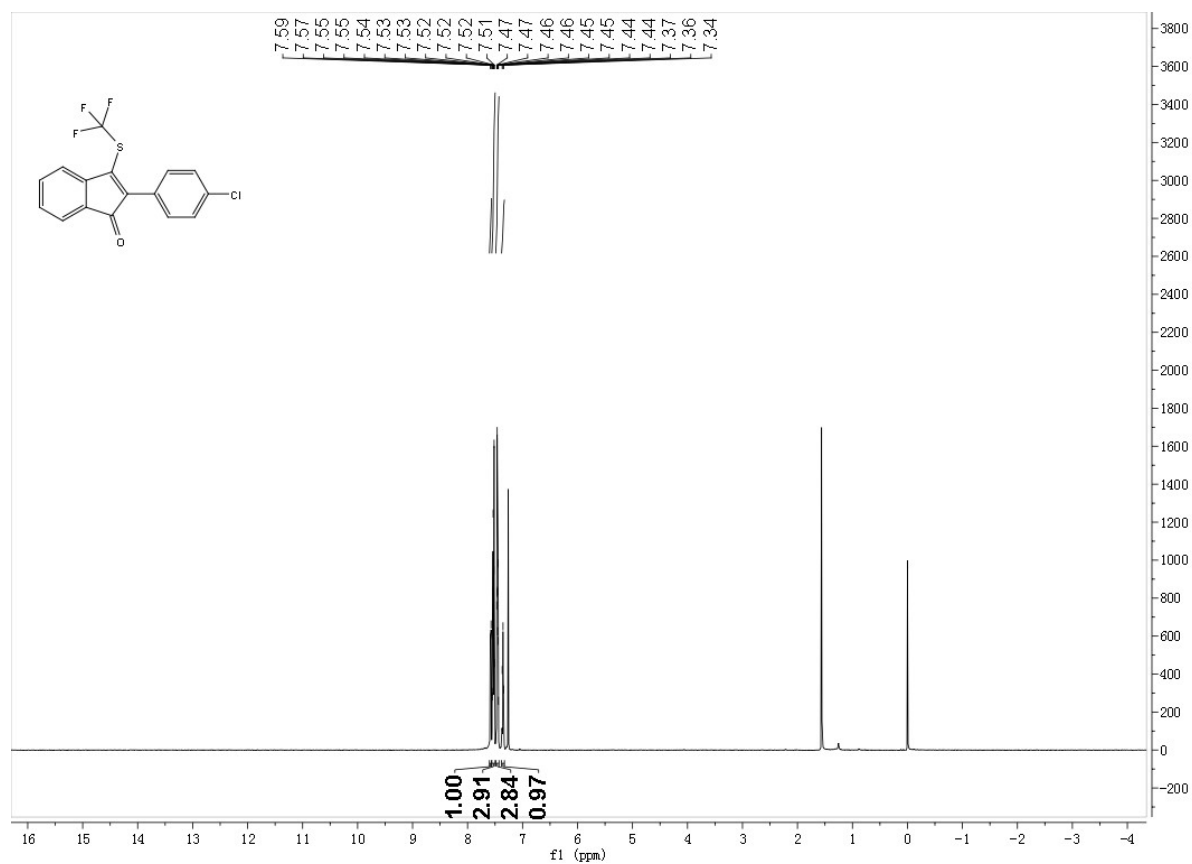
Email: chyang@simm.ac.cn

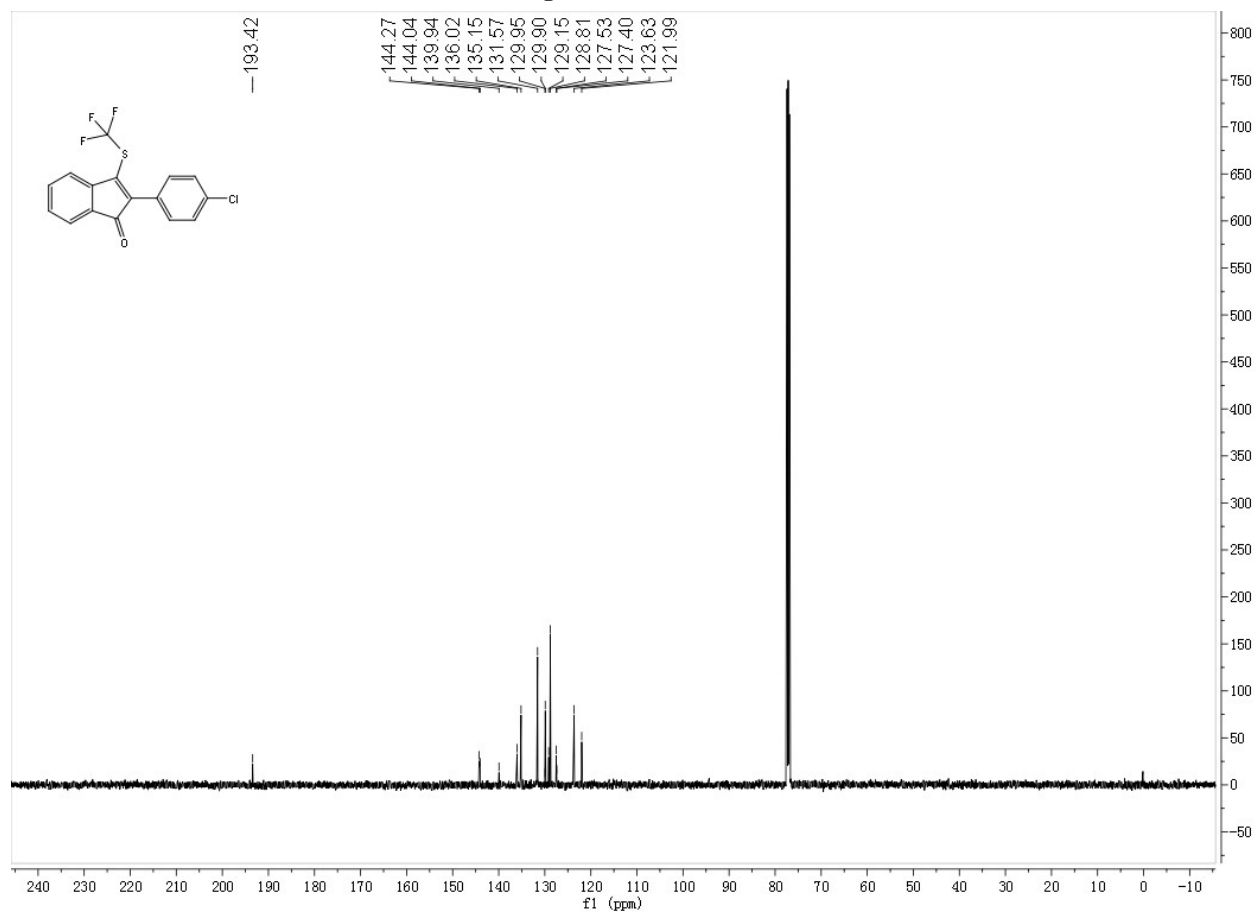
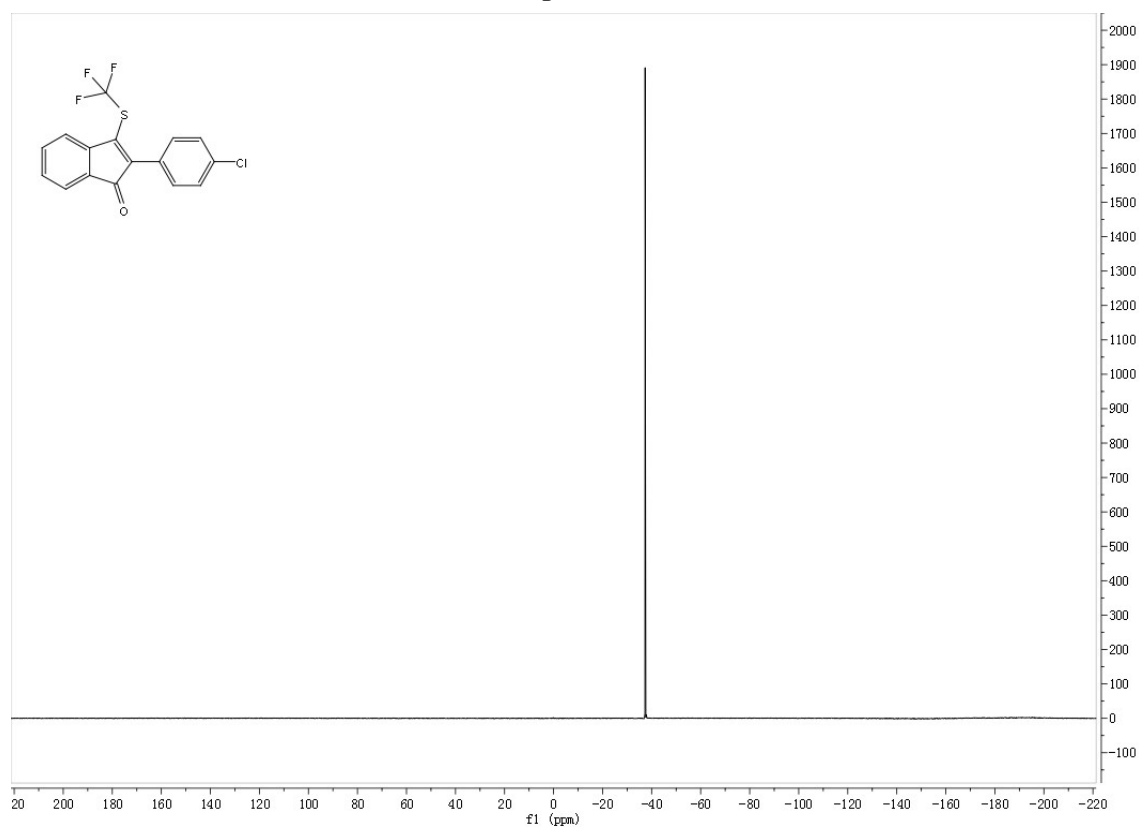
¹H NMR spectrum of 2a**¹³C NMR spectrum of 2a**

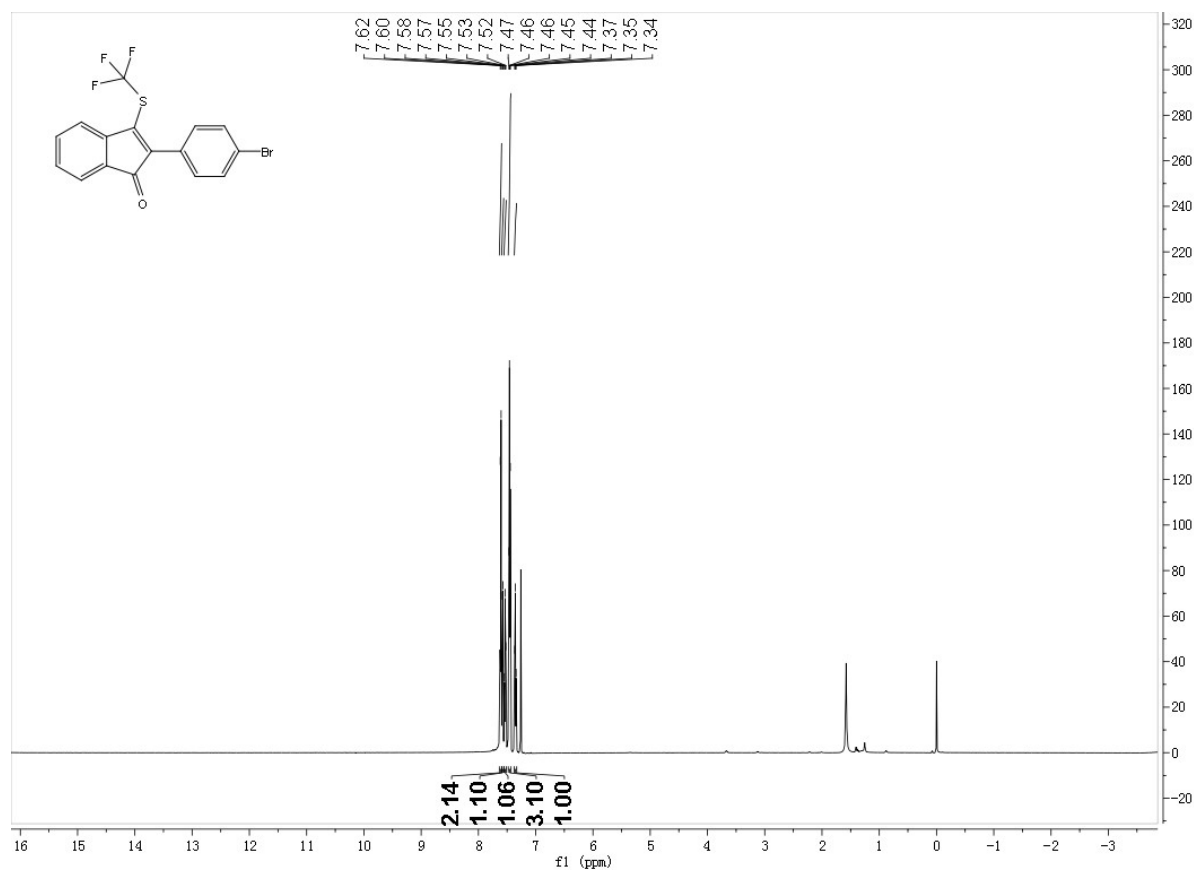
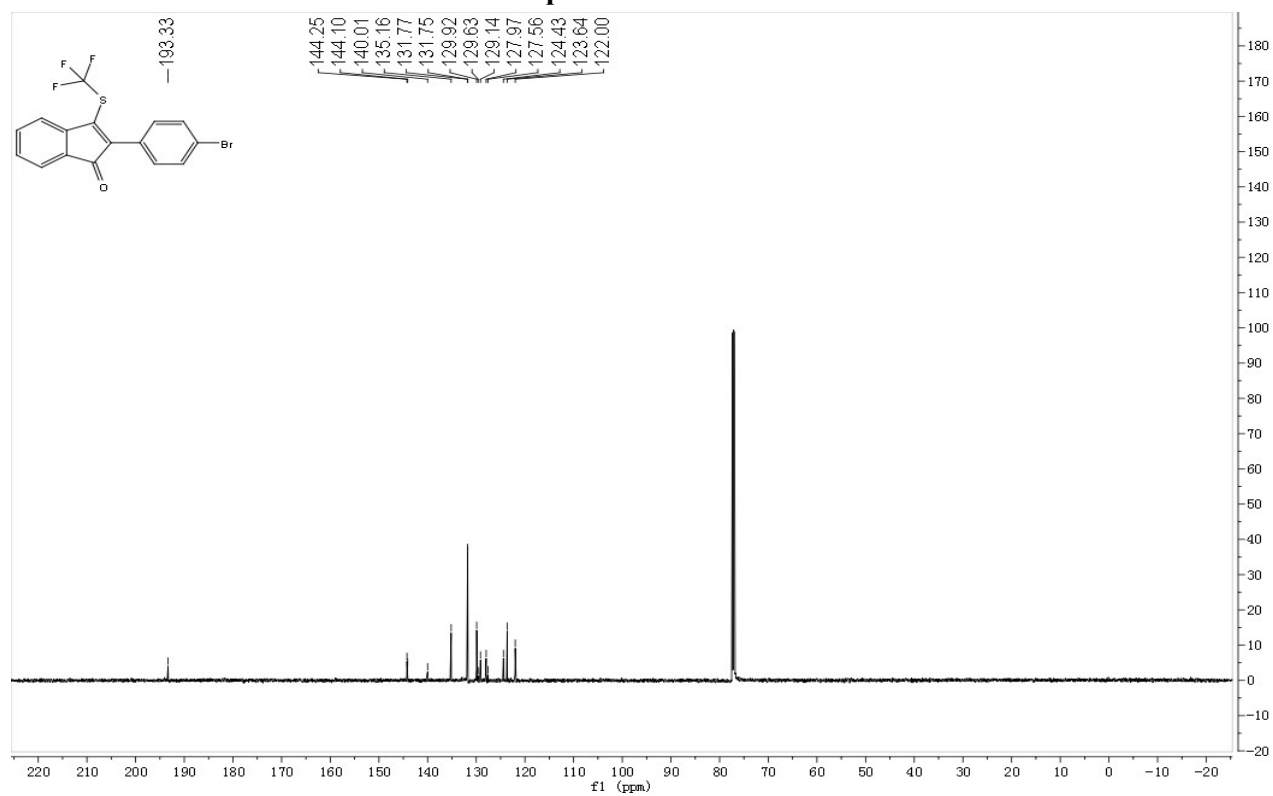
¹⁹F NMR spectrum of 2a

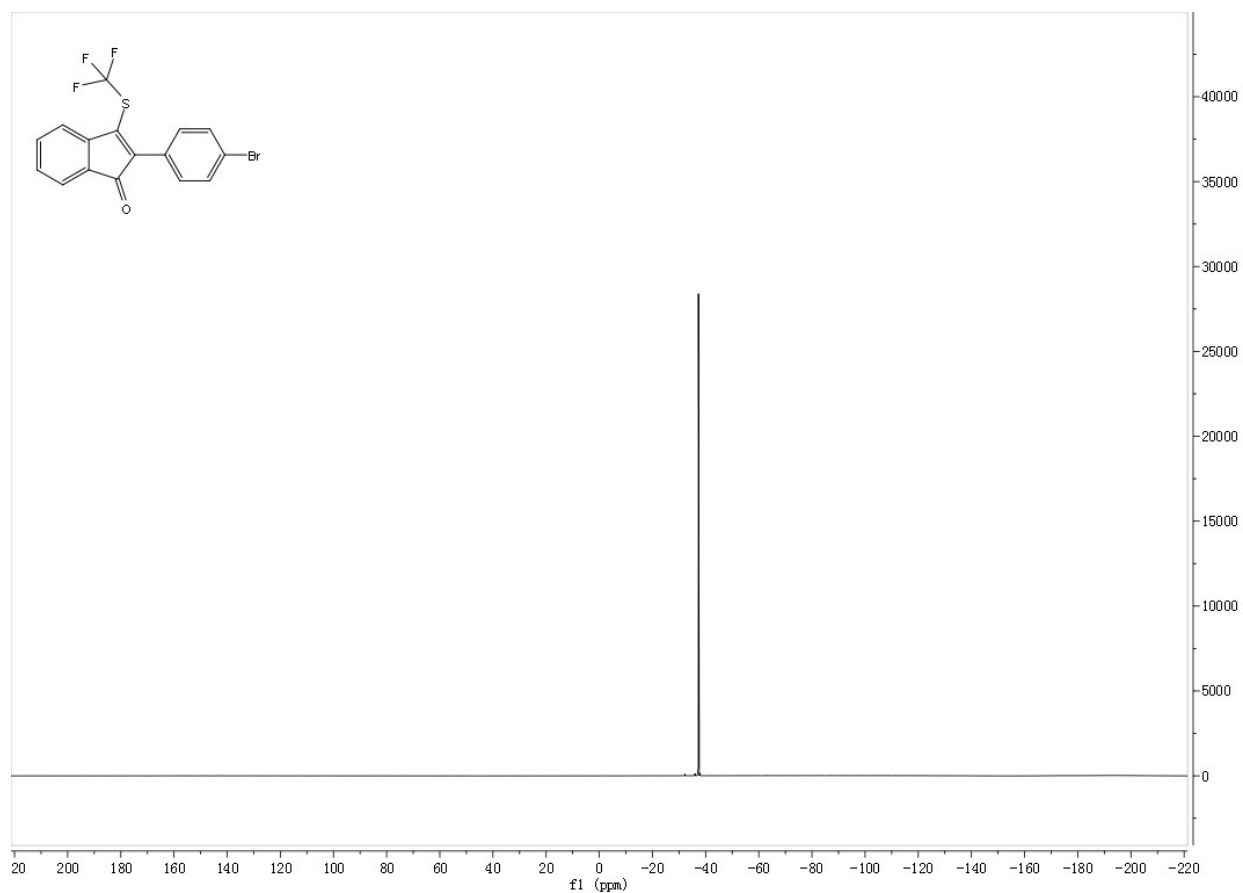
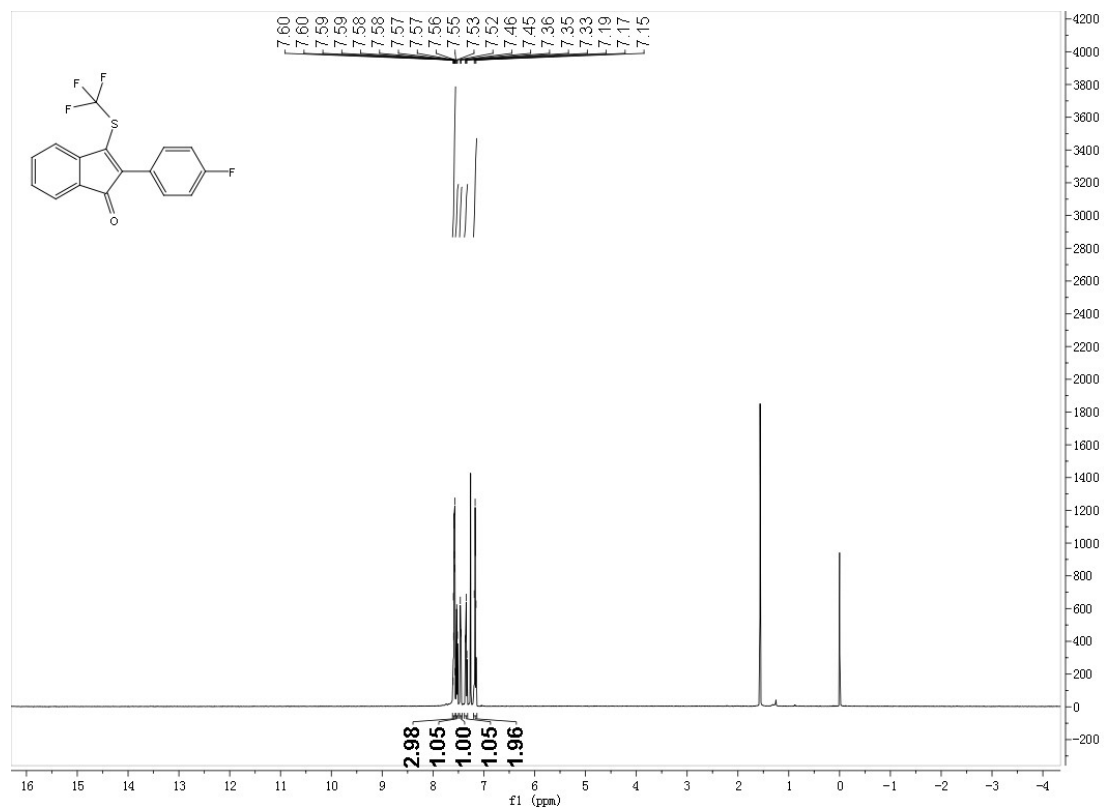


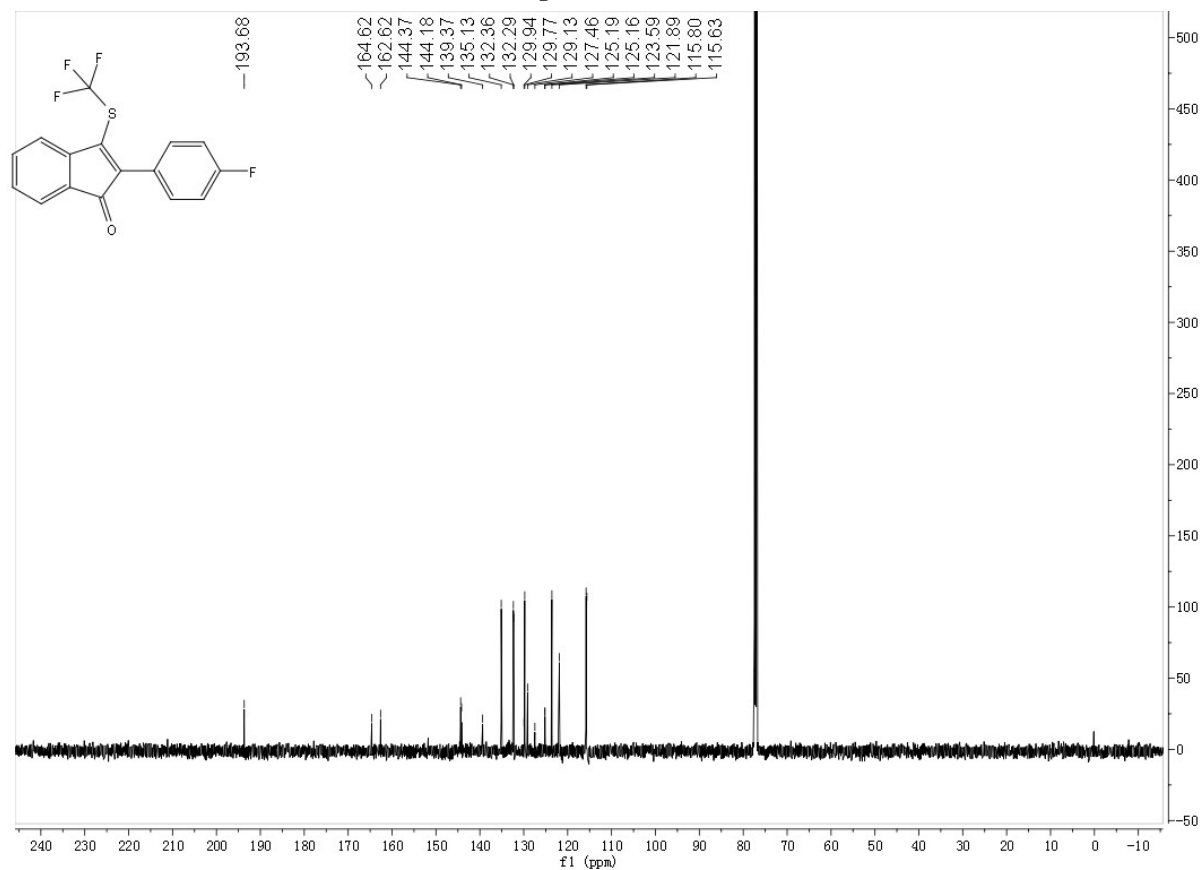
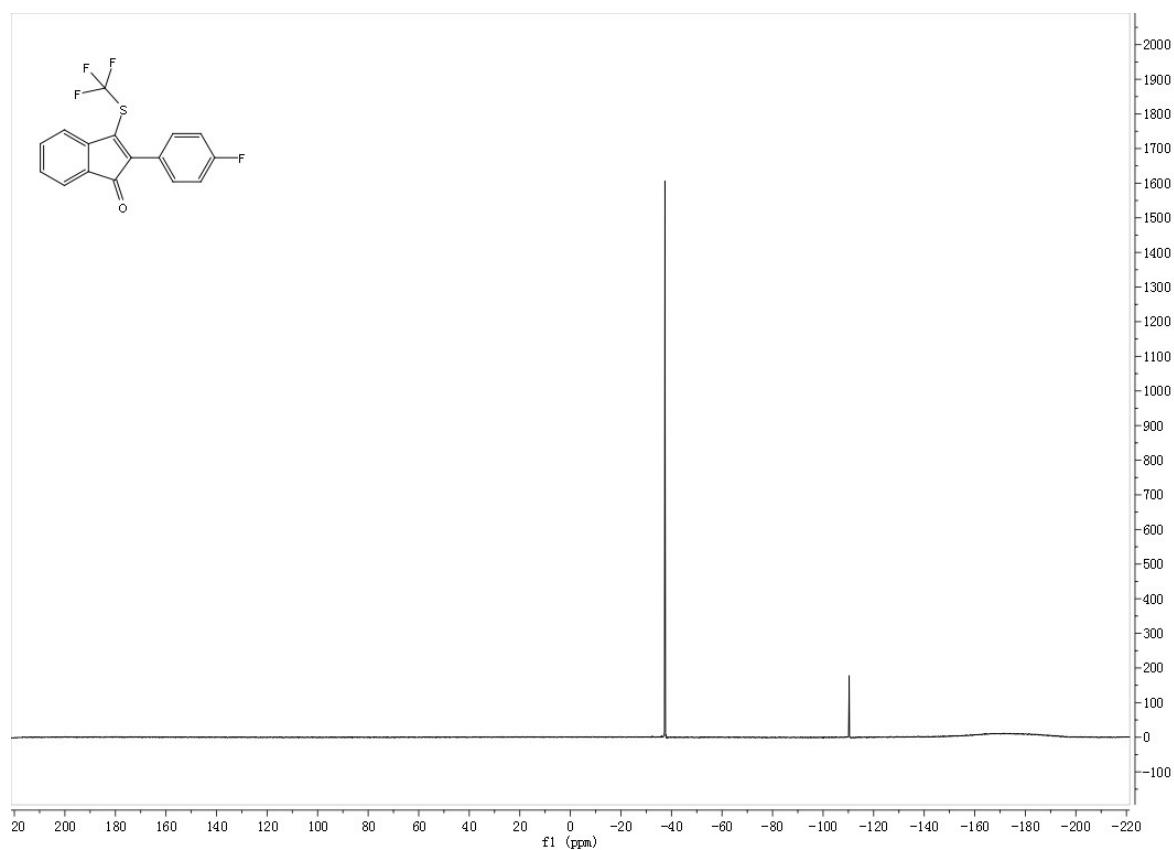
¹H NMR spectrum of 2b

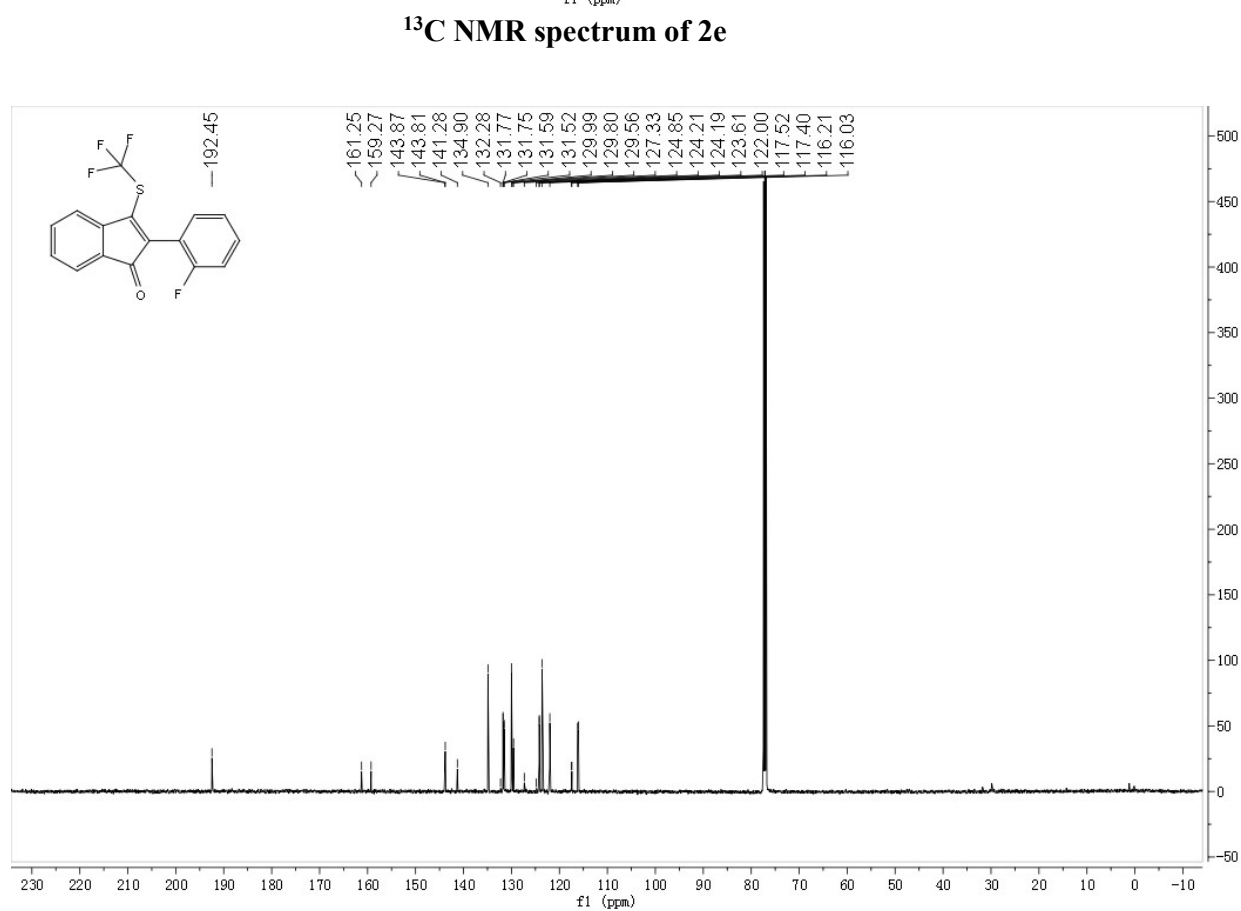
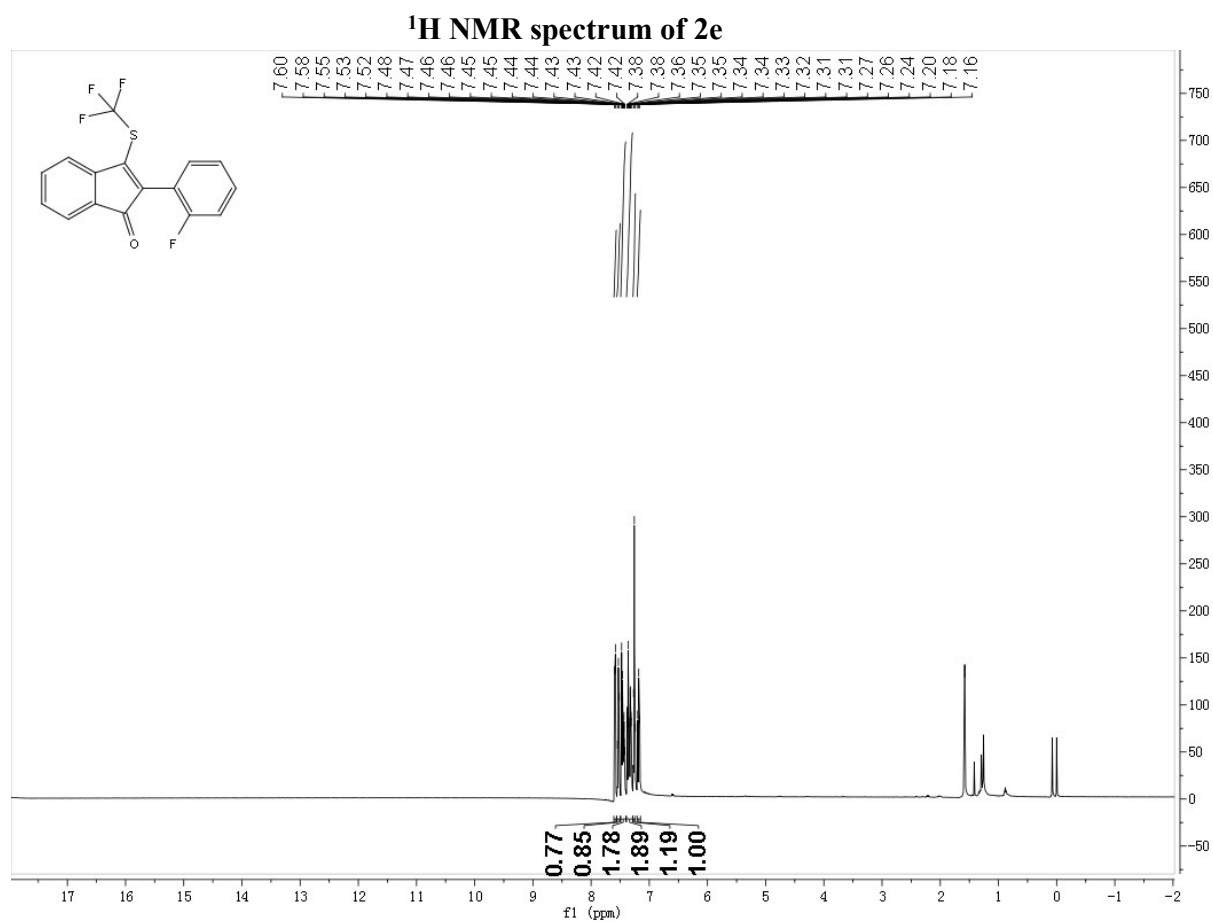


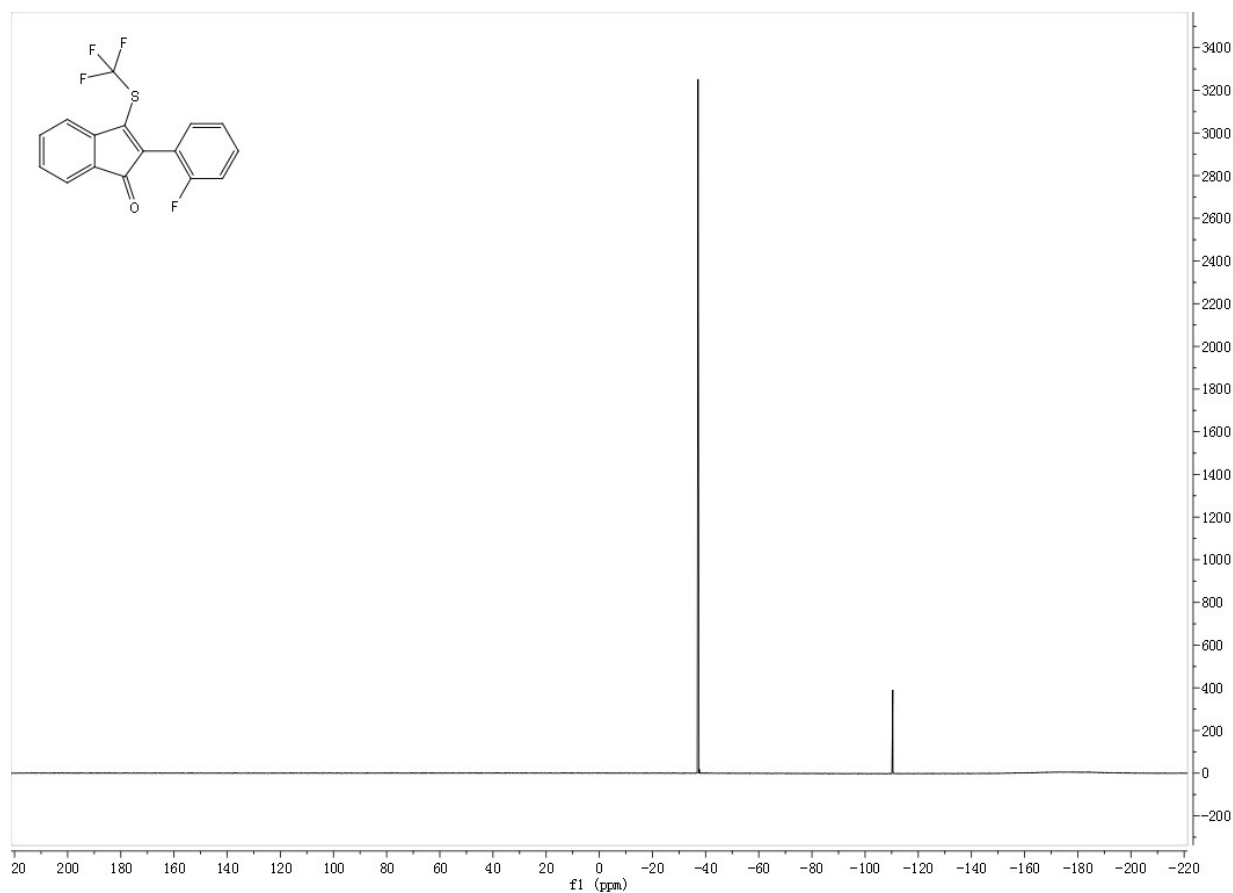
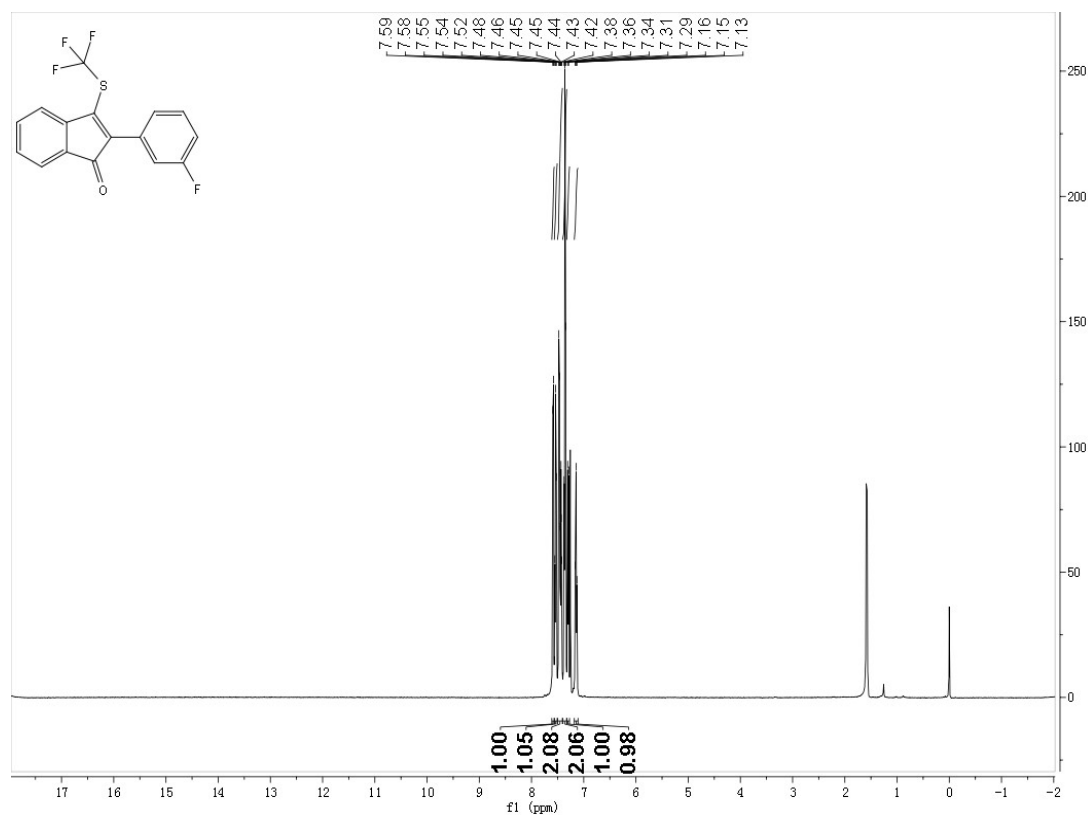
¹³C NMR spectrum of 2b**¹⁹F NMR spectrum of 2b**

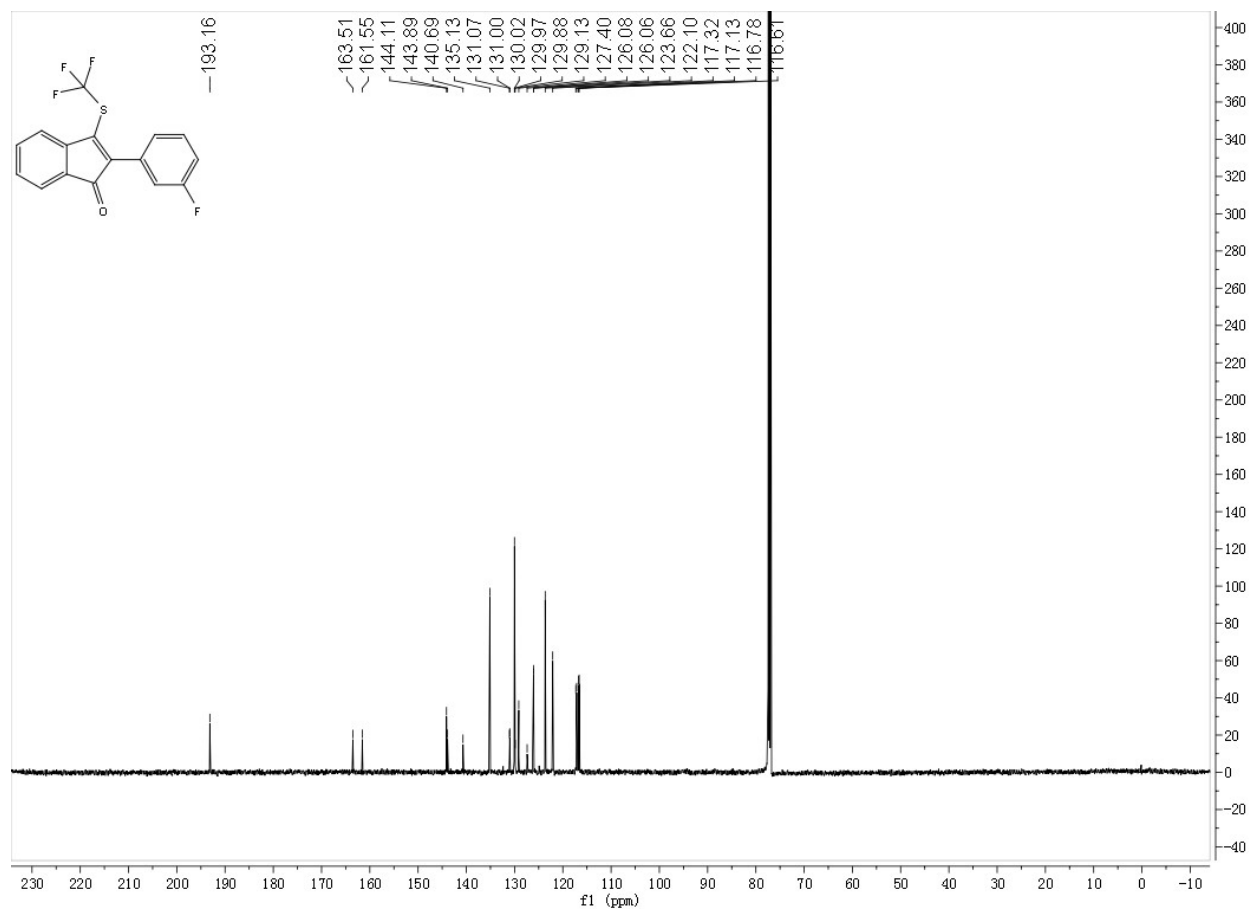
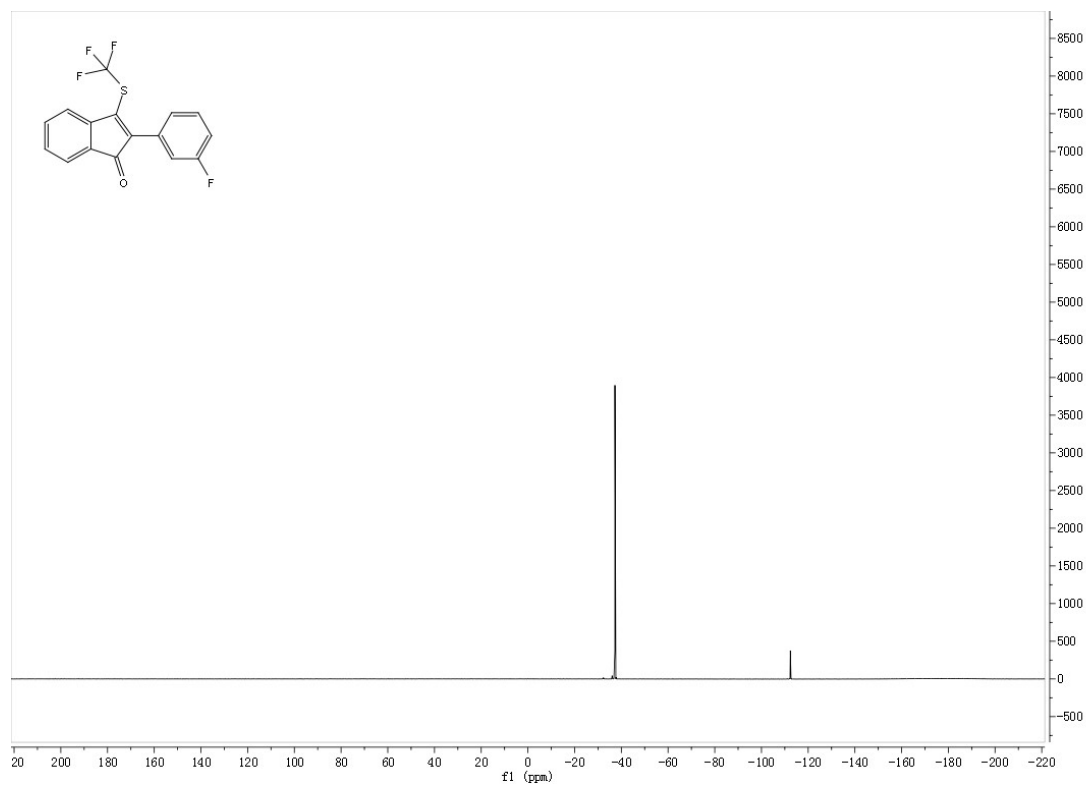
¹H NMR spectrum of 2c**¹³C NMR spectrum of 2c**

¹⁹F NMR spectrum of 2c**¹H NMR spectrum of 2d**

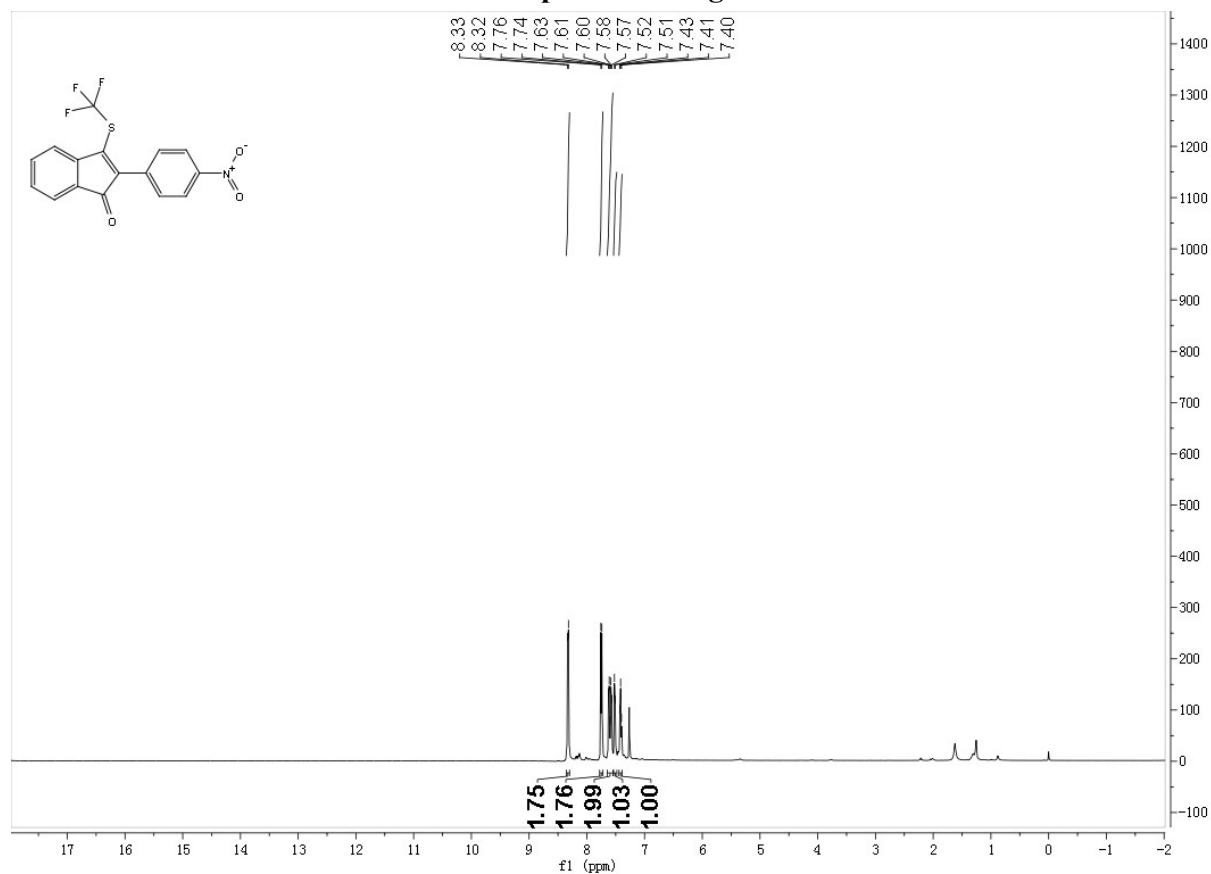
¹³C NMR spectrum of 2d**¹⁹F NMR spectrum of 2d**



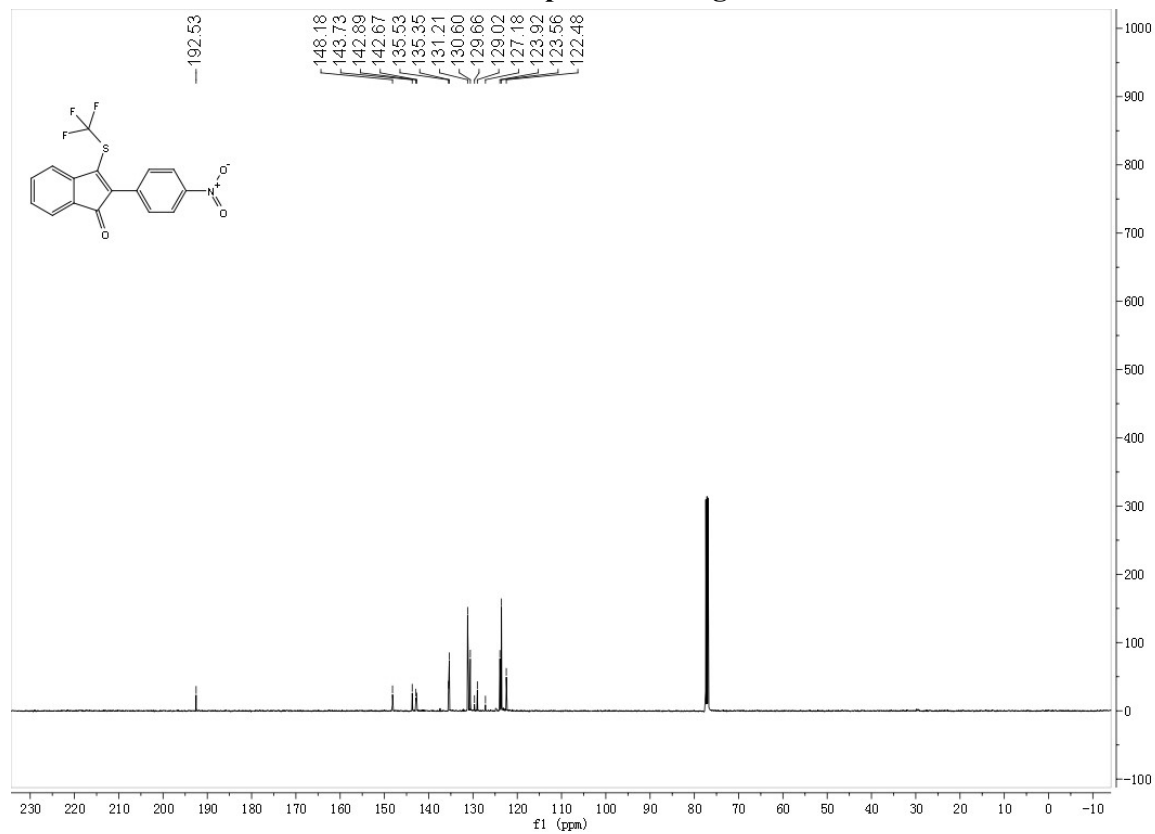
^{19}F NMR spectrum of 2e **^1H NMR spectrum of 2f**

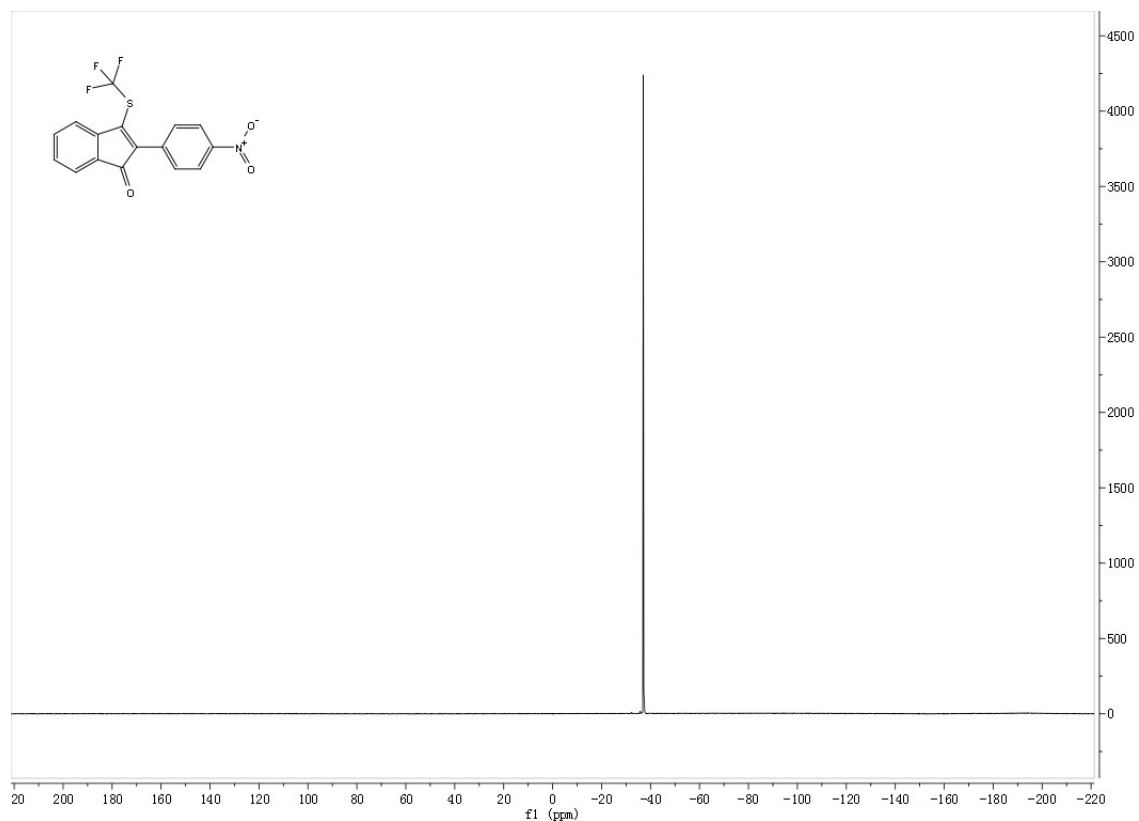
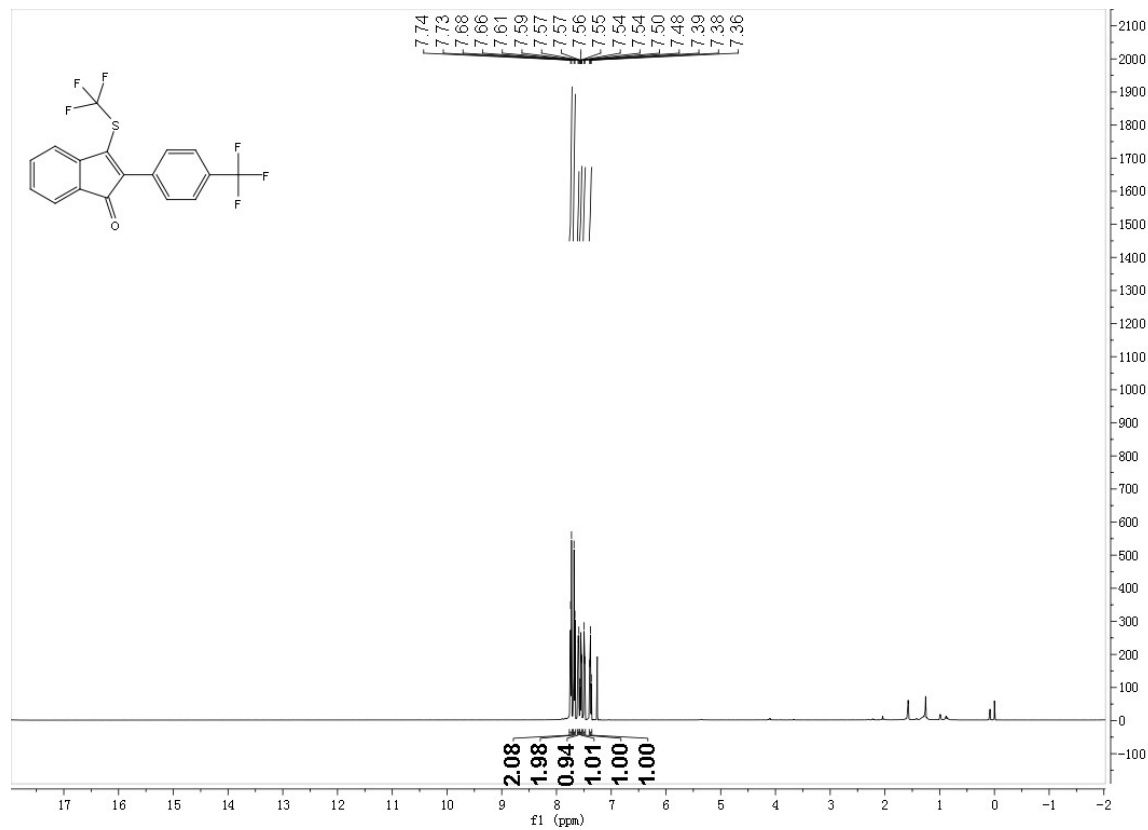
^{13}C NMR spectrum of 2f **^{19}F NMR spectrum of 2f**

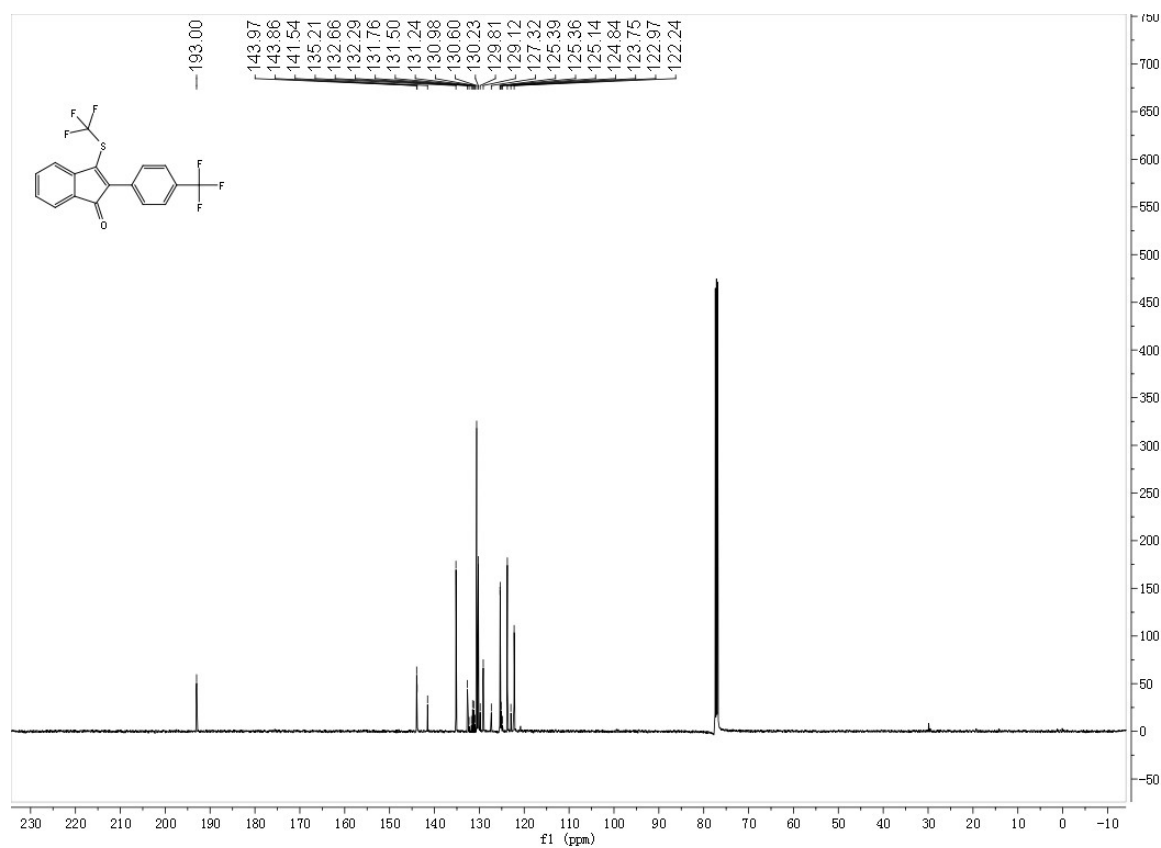
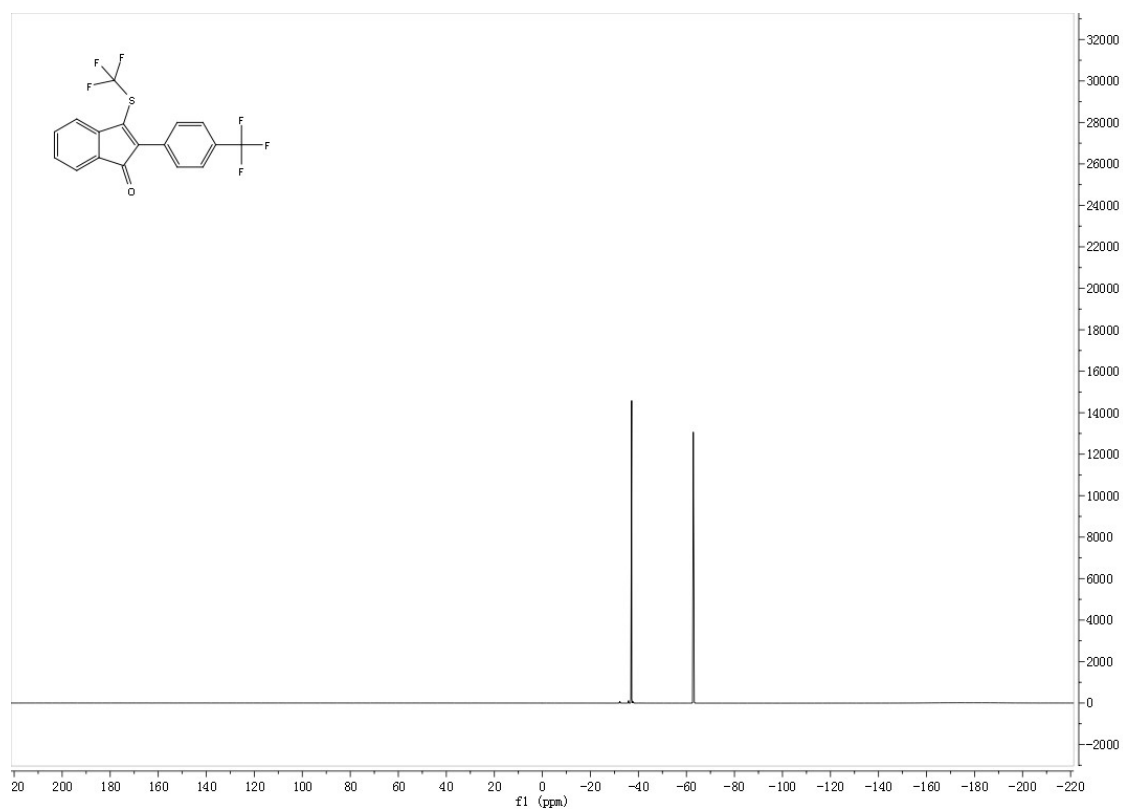
¹H NMR spectrum of 2g

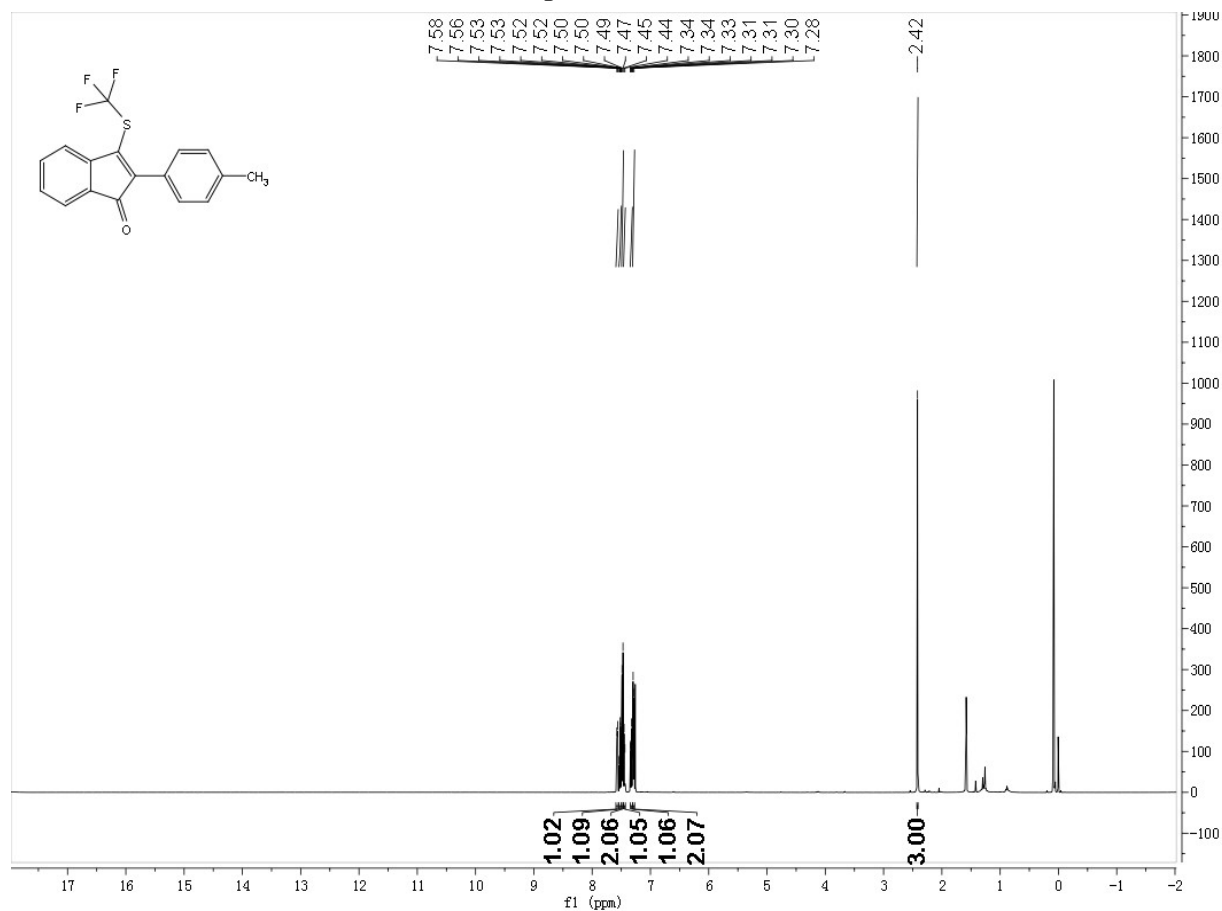
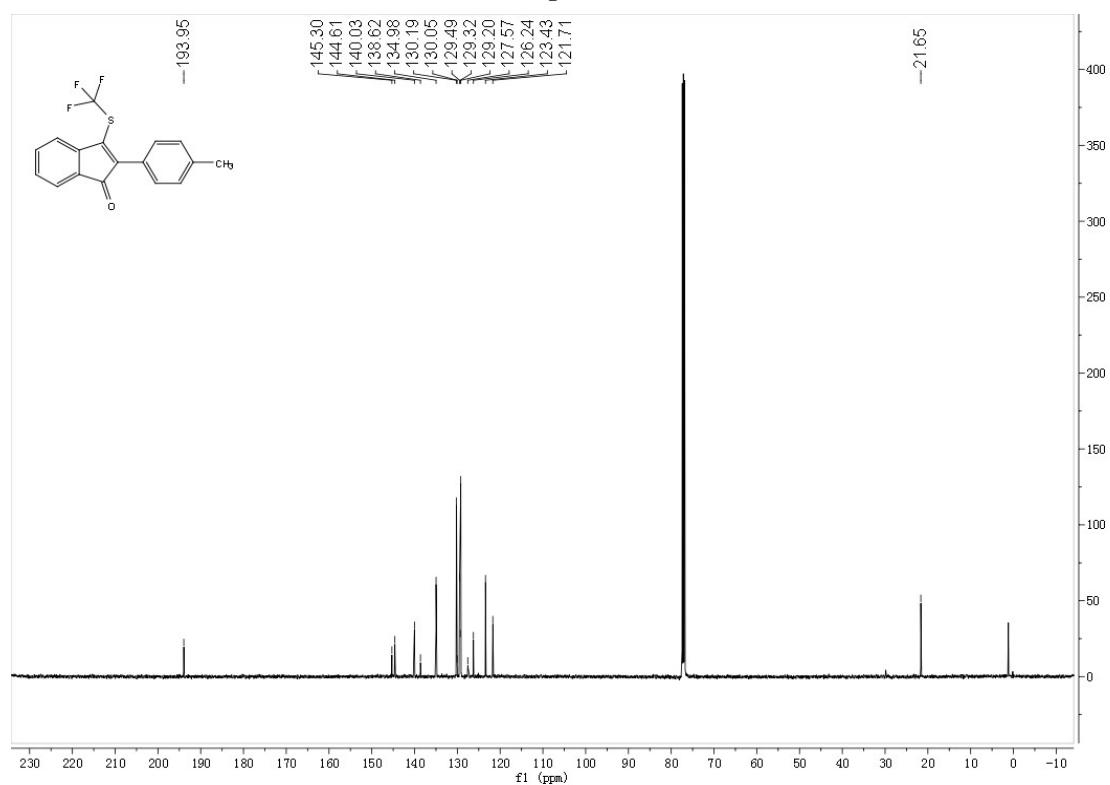


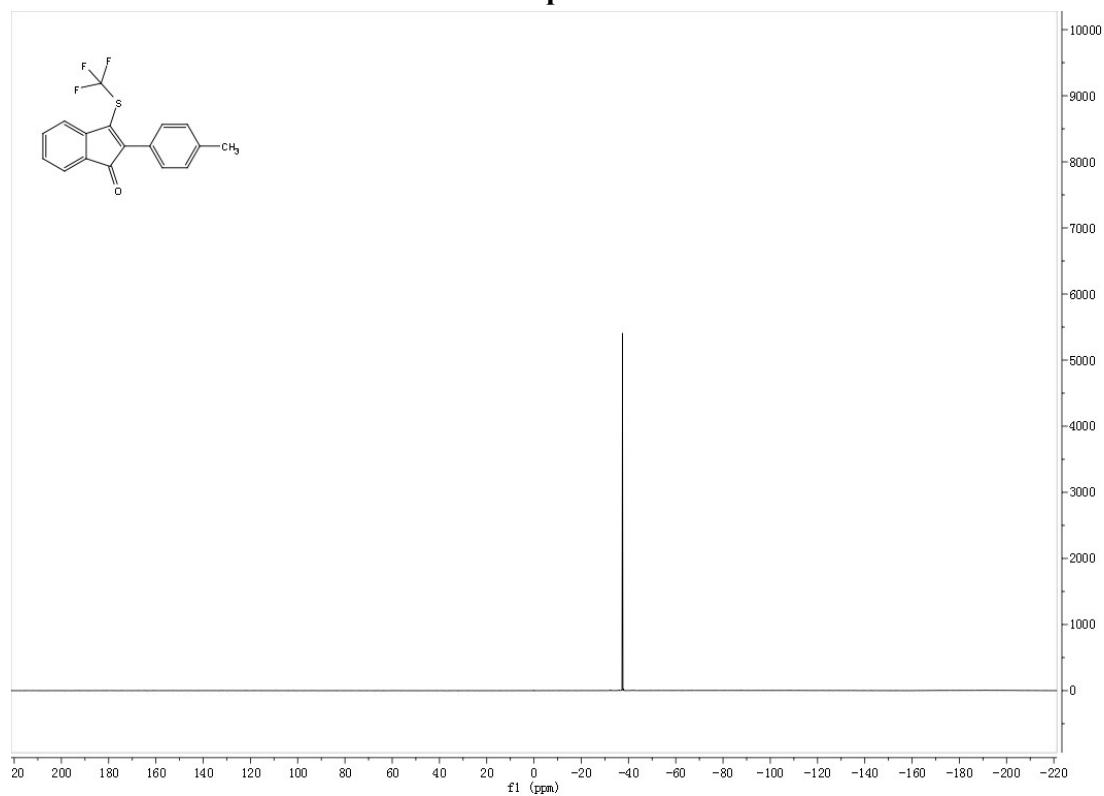
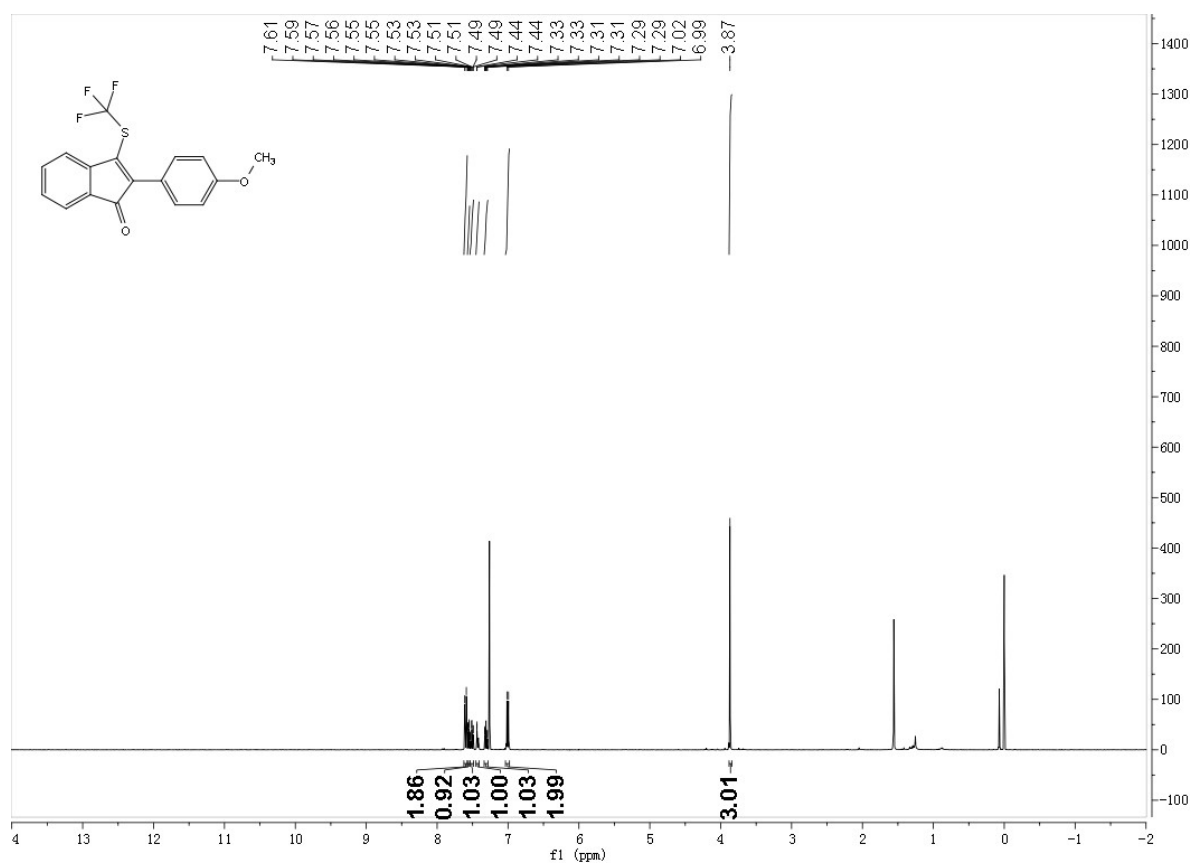
¹³C NMR spectrum of 2g

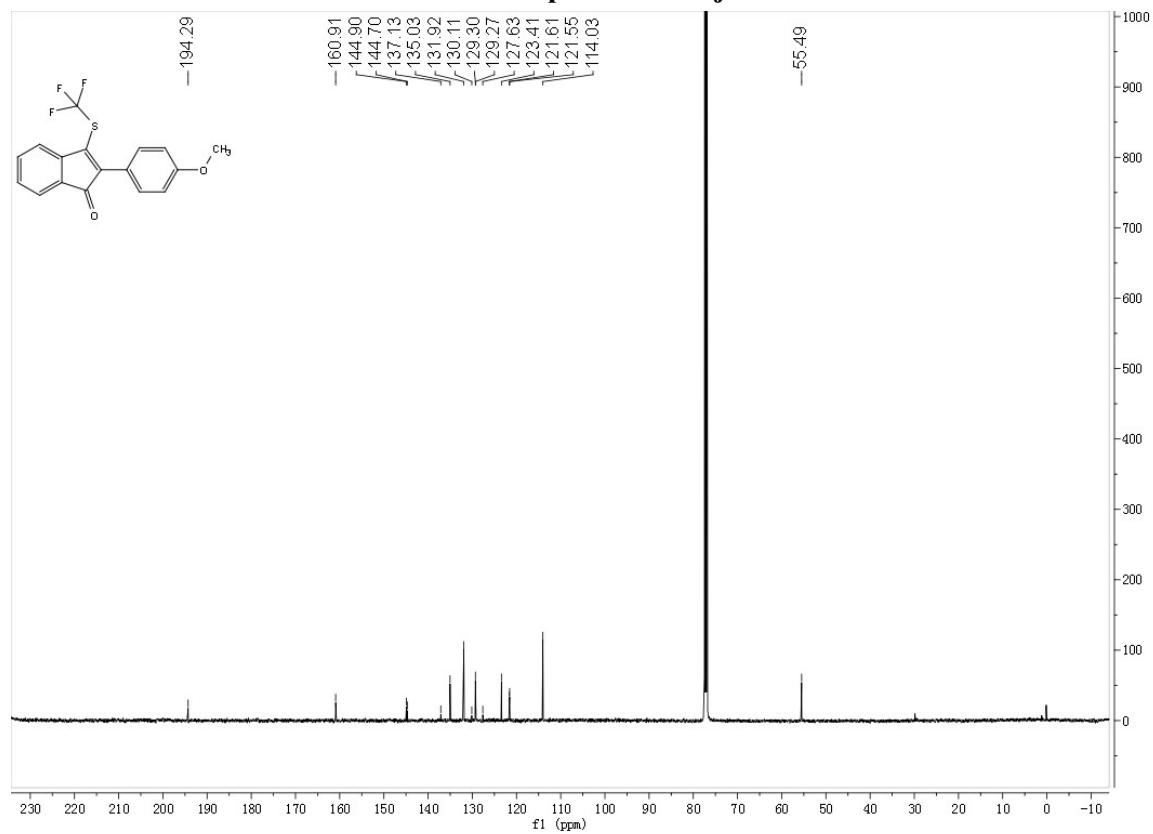
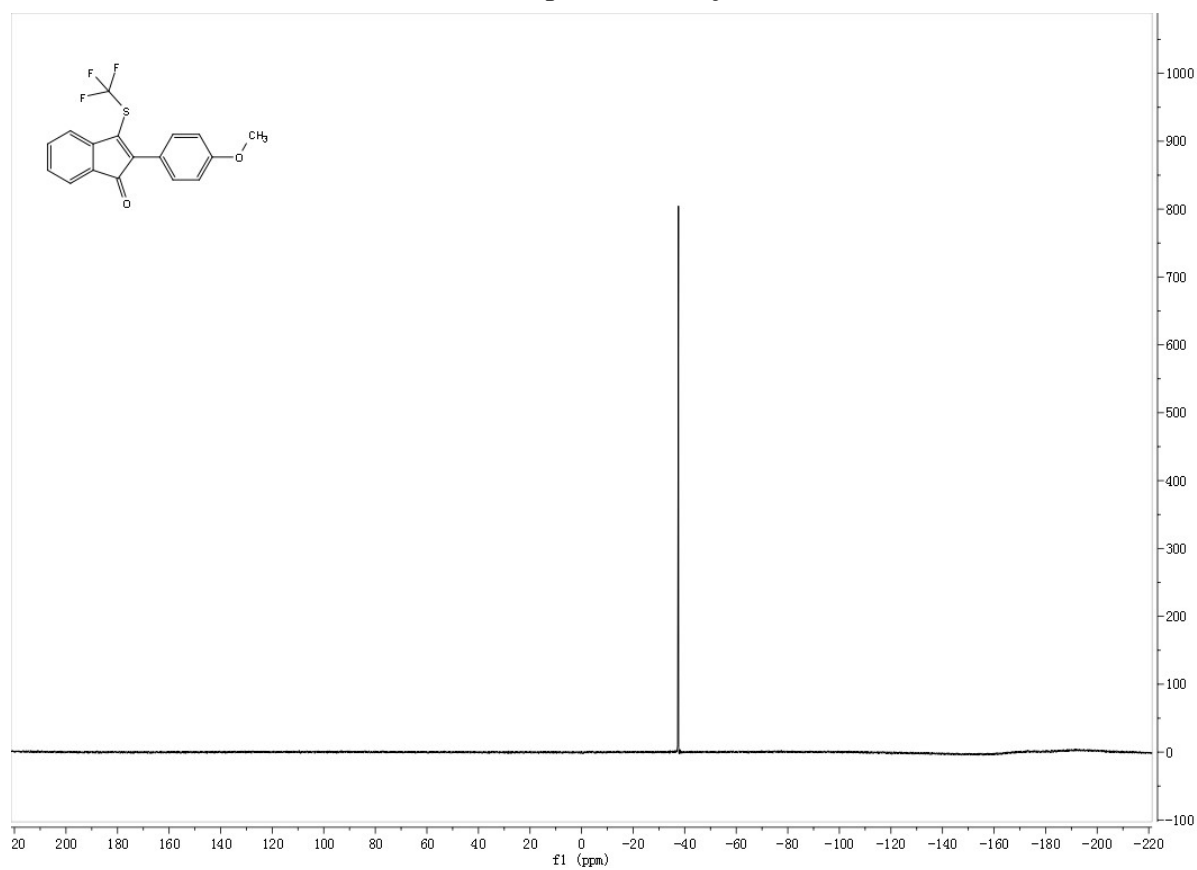


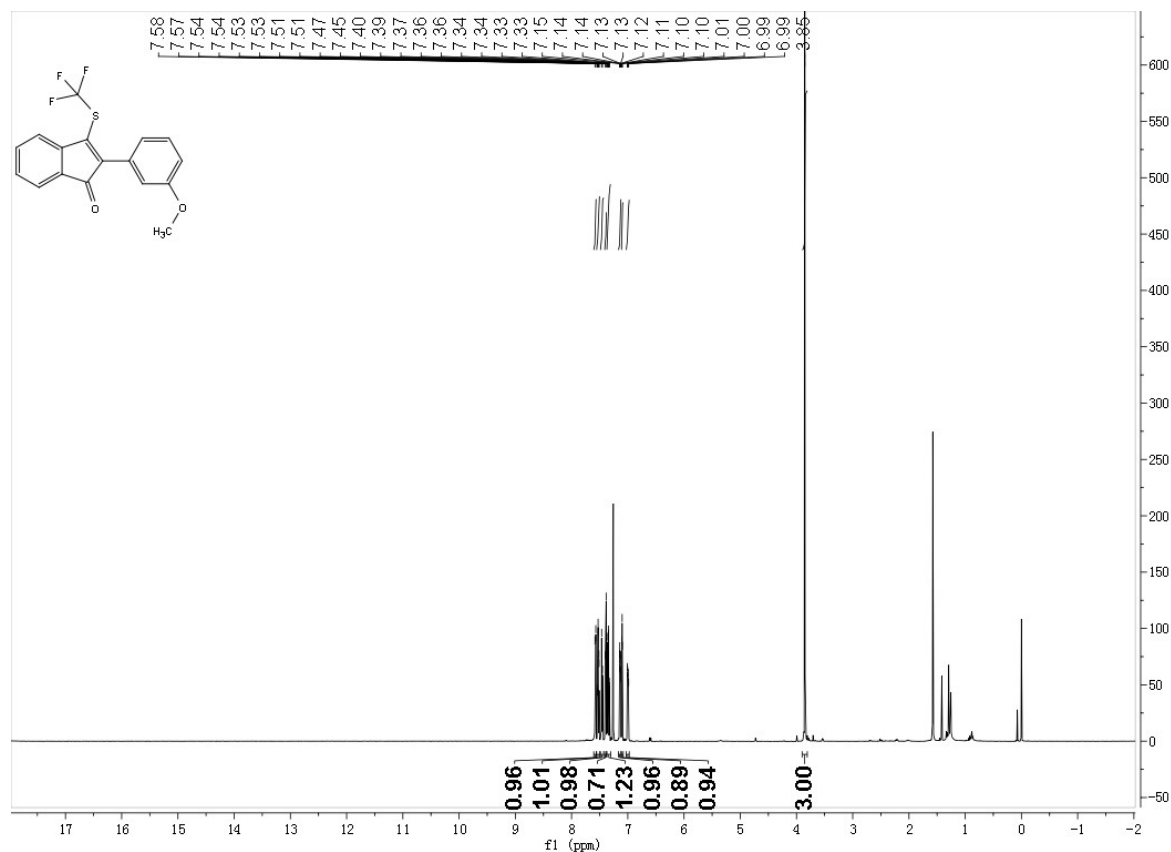
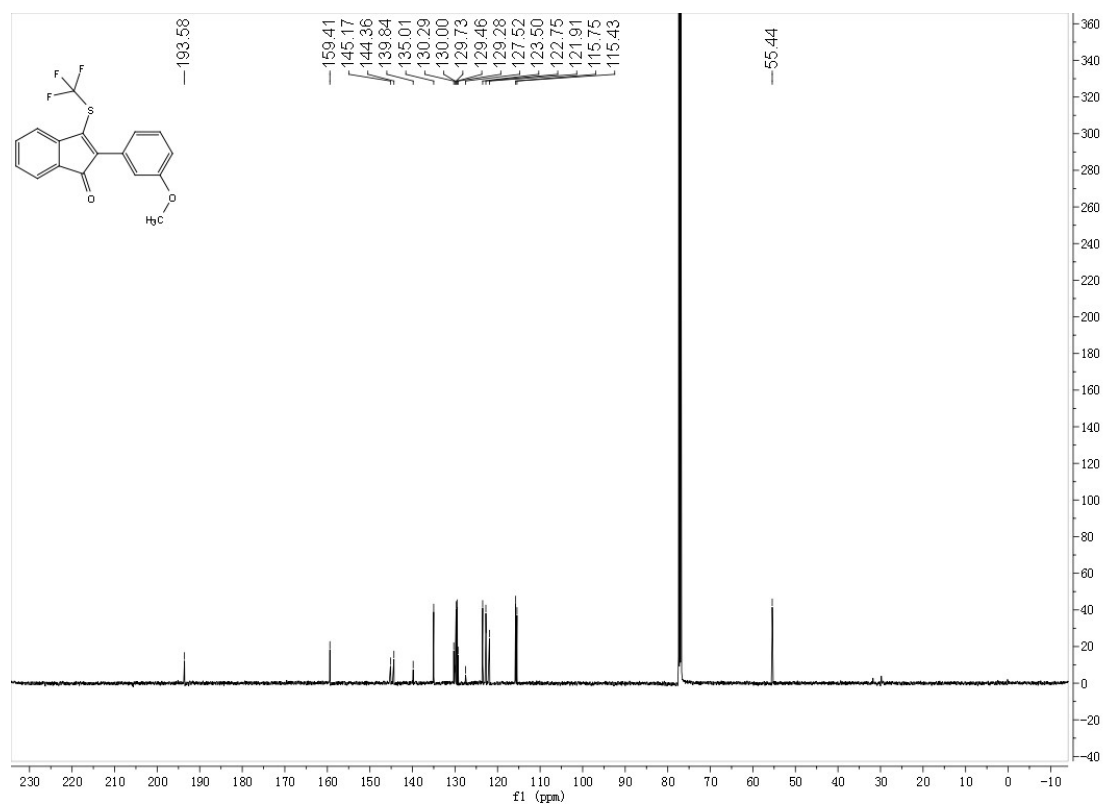
^{19}F NMR spectrum of 2g **^1H NMR spectrum of 2h**

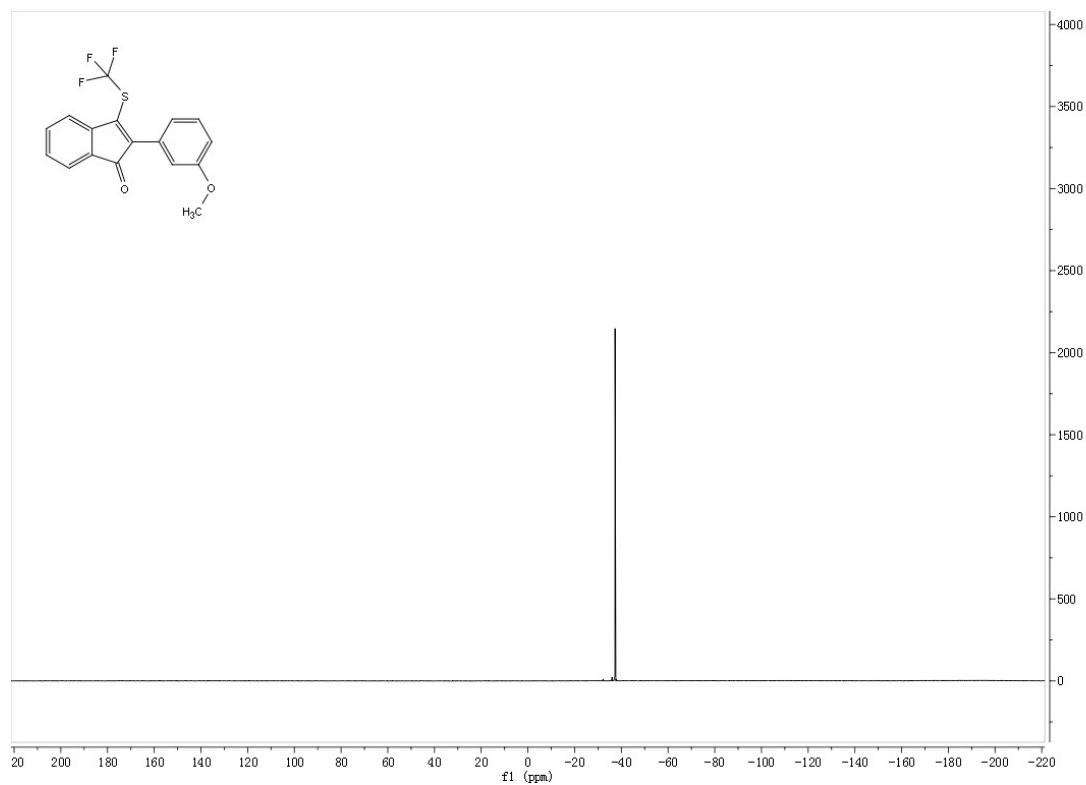
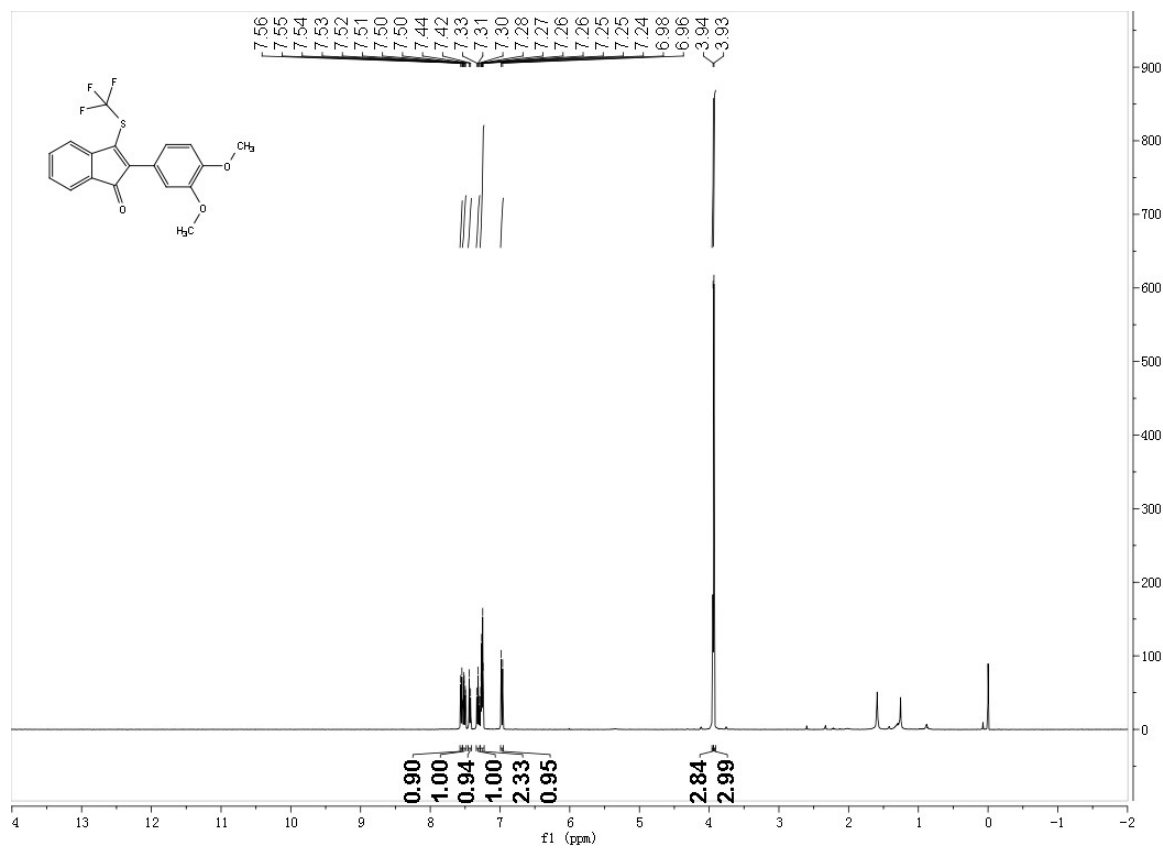
^{13}C NMR spectrum of 2h **^{19}F NMR spectrum of 2h**

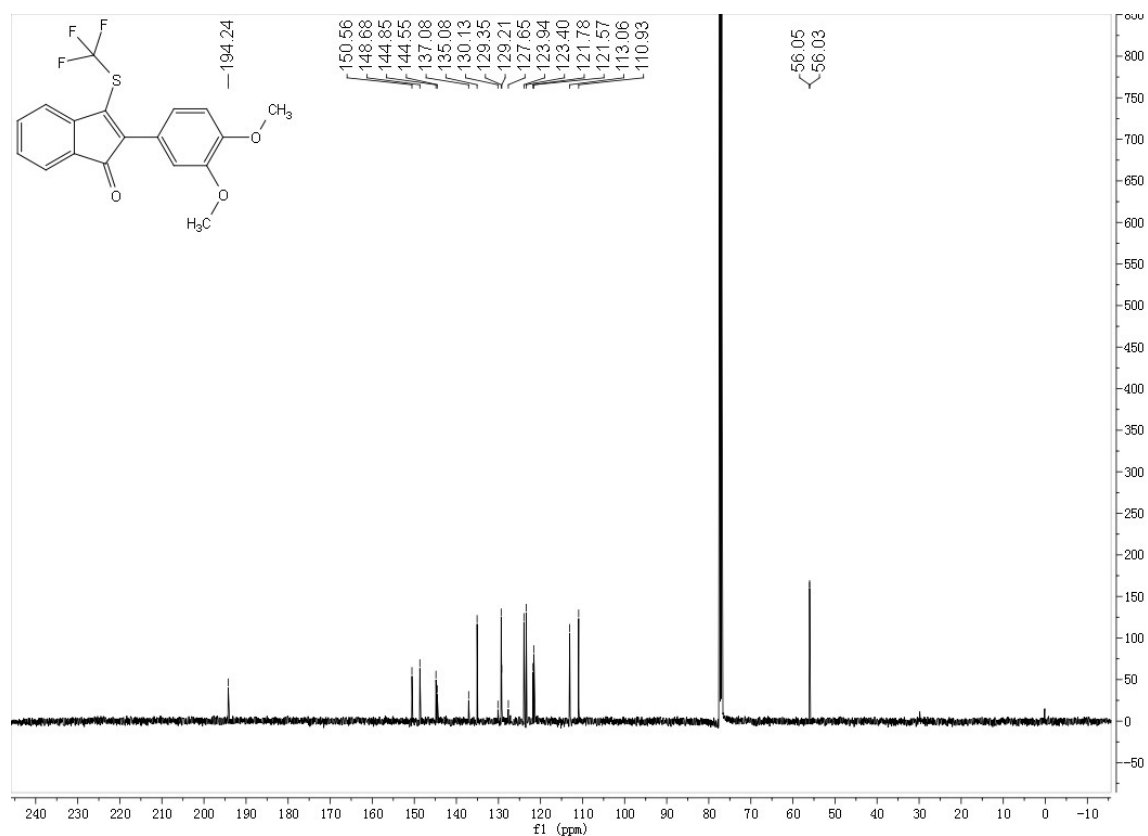
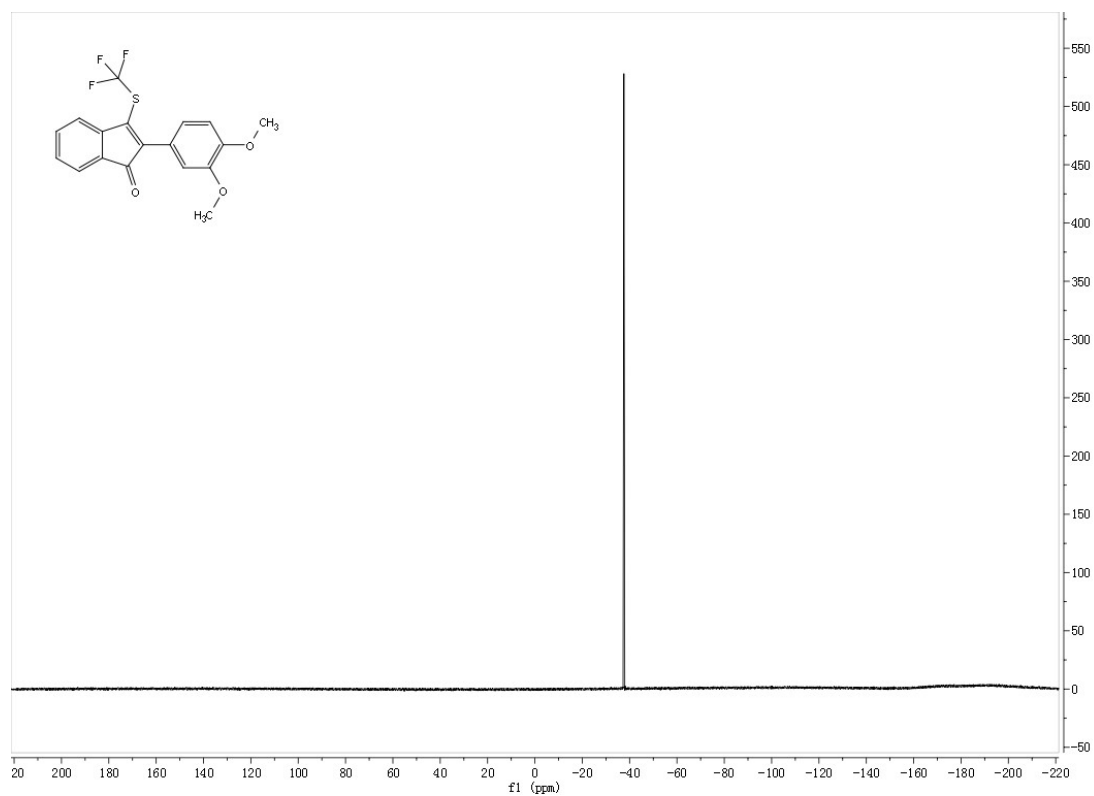
¹H NMR spectrum of 2i**¹³C NMR spectrum of 2i**

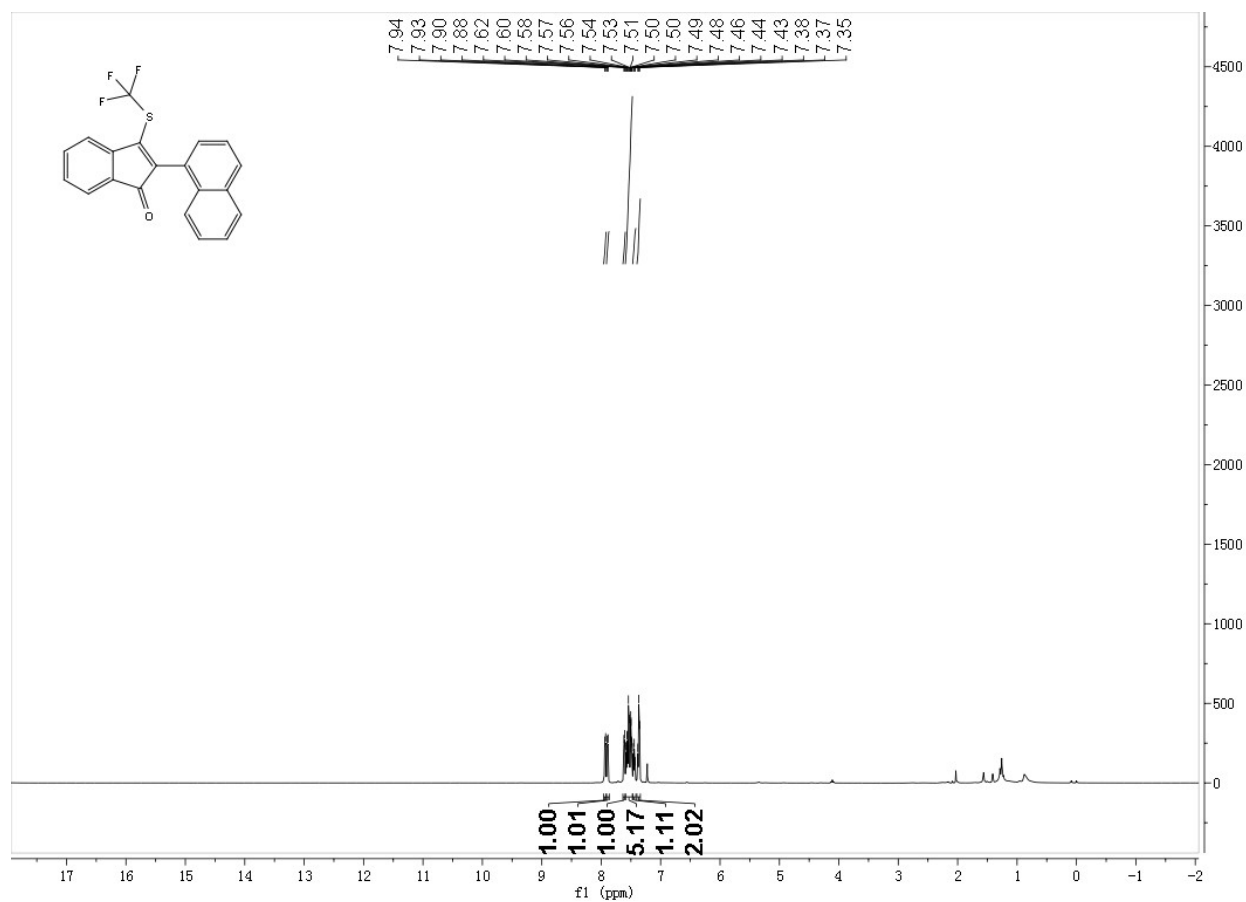
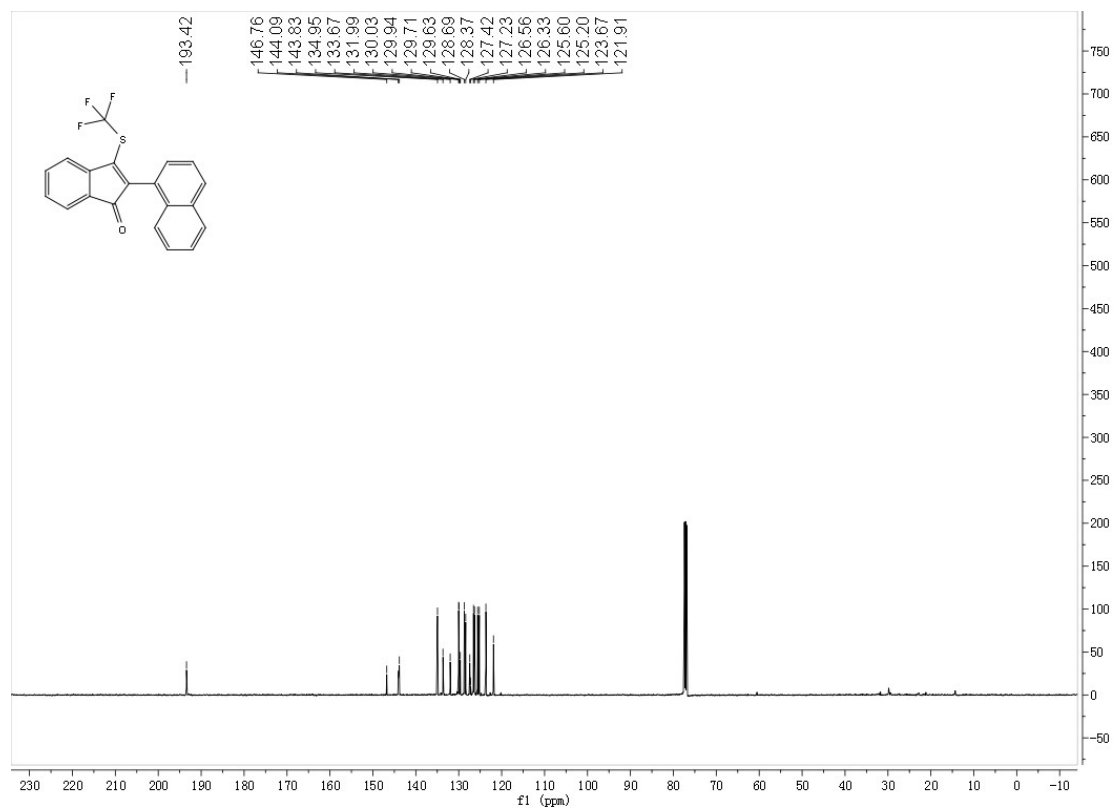
^{19}F NMR spectrum of 2i **^1H NMR spectrum of 2j**

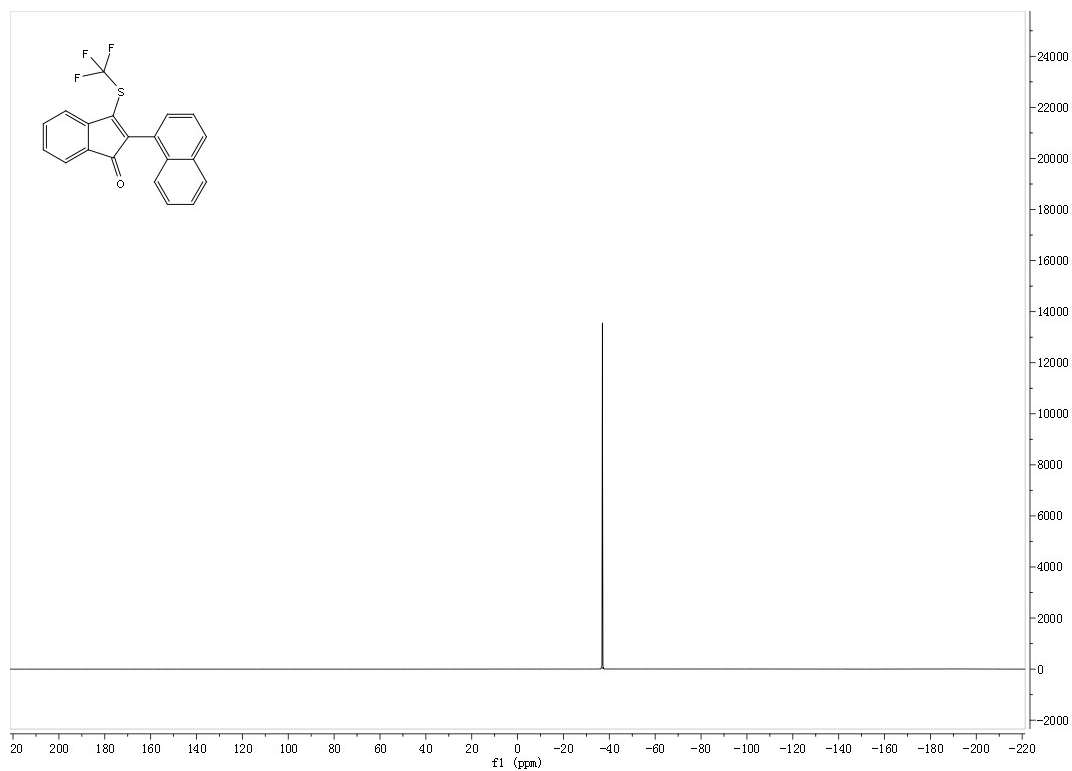
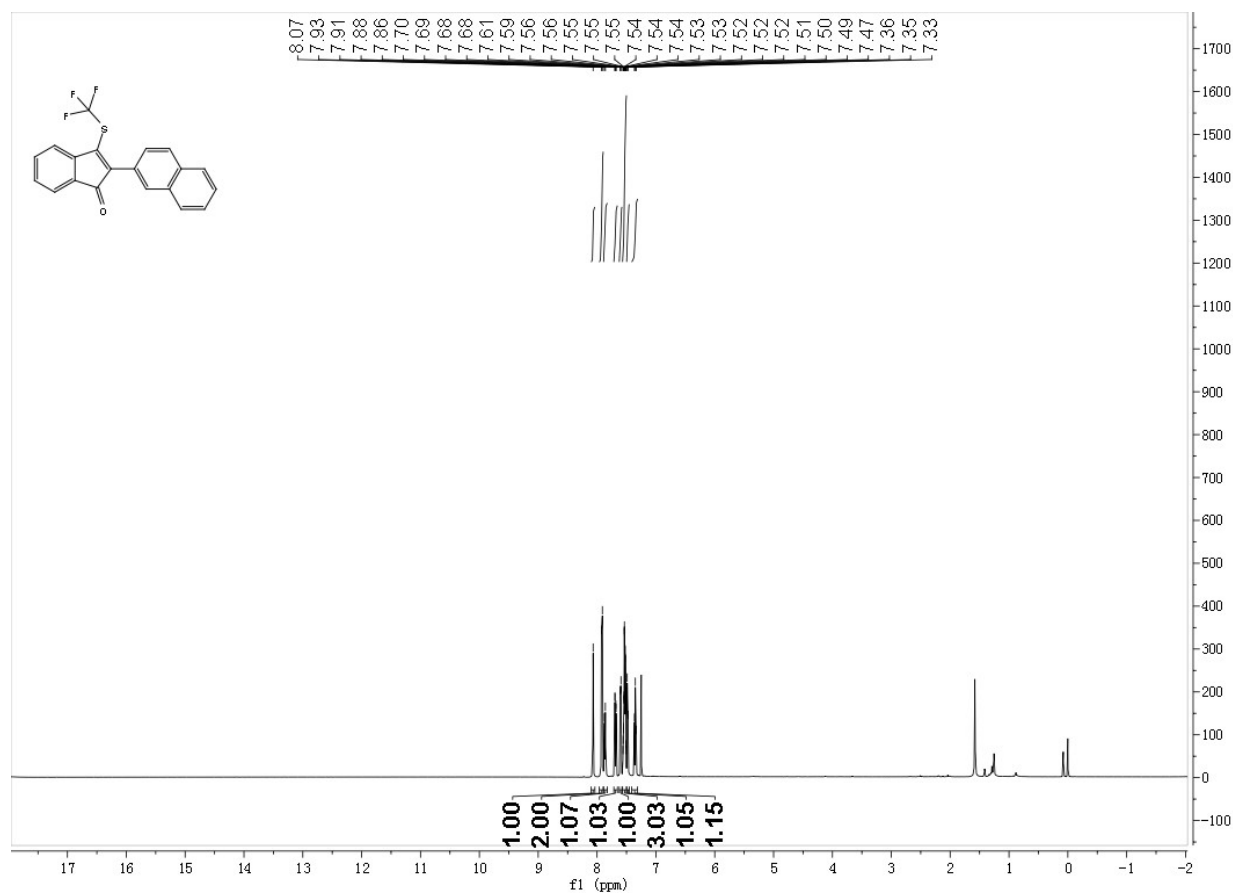
¹³C NMR spectrum of 2j**¹⁹F NMR spectrum of 2j**

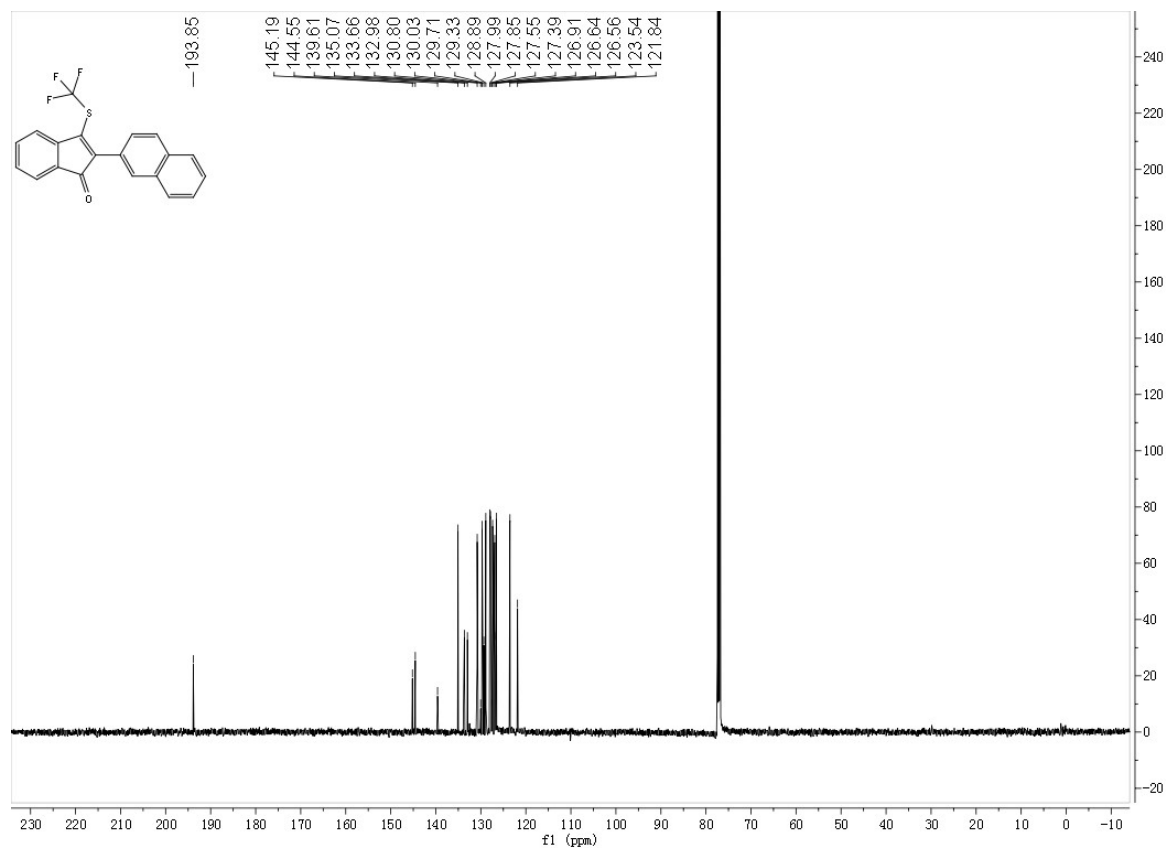
¹H NMR spectrum of 2l**¹³C NMR spectrum of 2l**

^{19}F NMR spectrum of 2l **^1H NMR spectrum of 2m**

^{13}C NMR spectrum of 2m **^{19}F NMR spectrum of 2m**

¹H NMR spectrum of 2n**¹³C NMR spectrum of 2n**

^{19}F NMR spectrum of 2n **^1H NMR spectrum of 2o**

^{13}C NMR spectrum of 2o **^{19}F NMR spectrum of 2o**