

Supporting Information

Efficient Arylation of 2,7-Naphthyridin-1(2H)-one with Diaryliodonium Salts and

Discovery of New Selective MET/AXL Kinase Inhibitor

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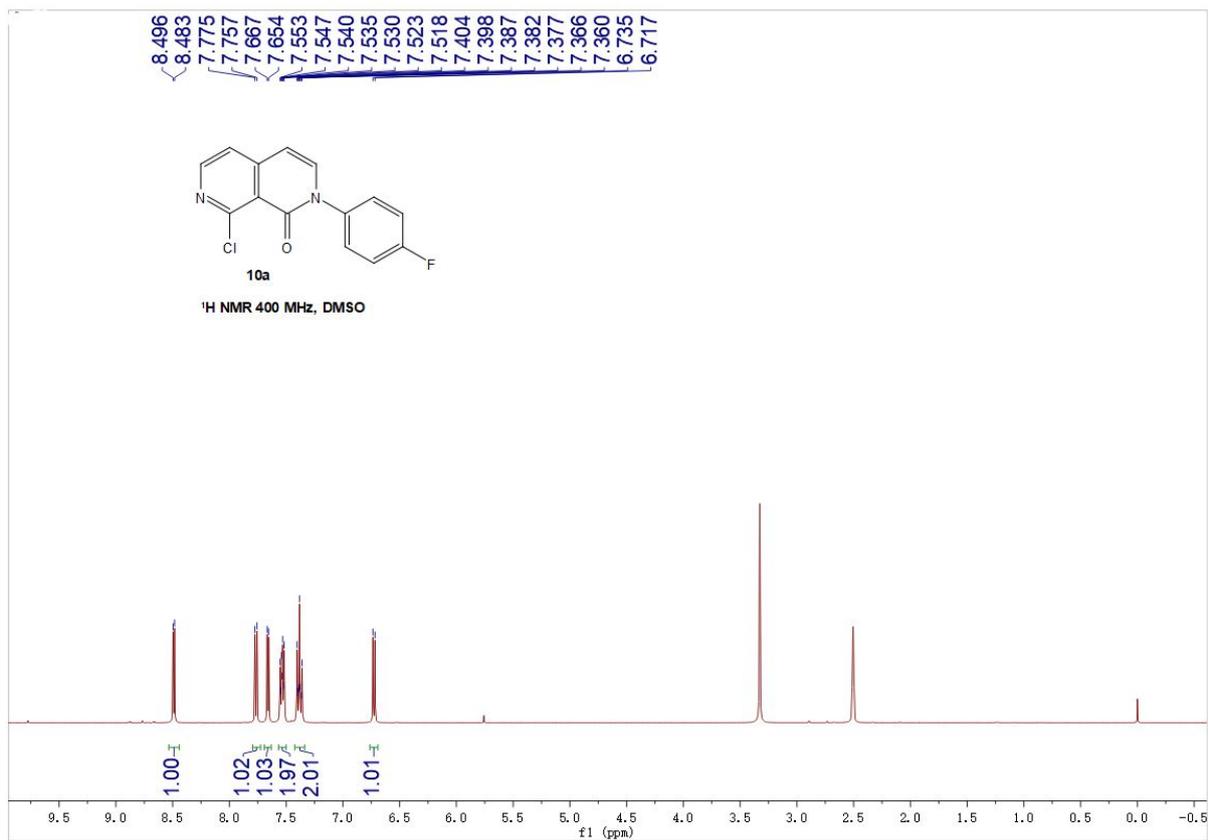


Figure S1: 400 MHz spectrum of ¹H-NMR of compound **10a** (DMSO-*d*₆)

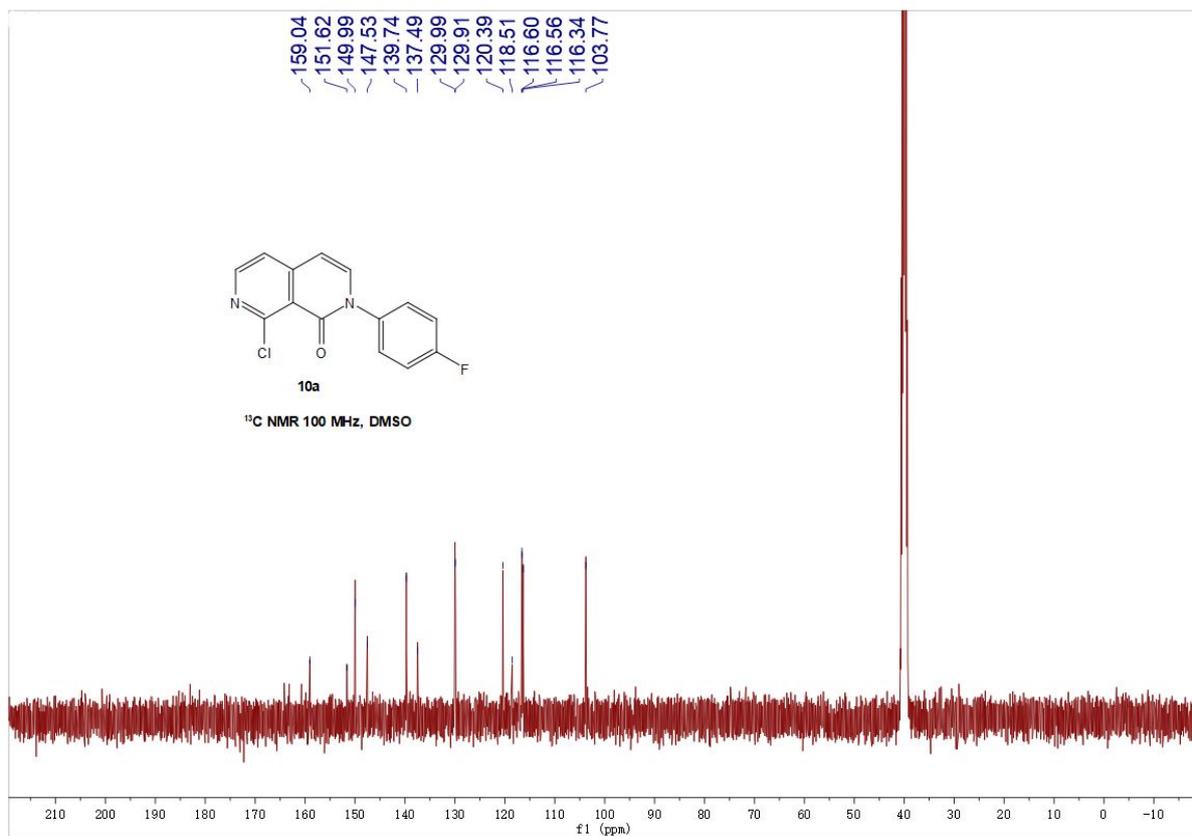


Figure S2: 100 MHz spectrum of ¹³C-NMR of compound **10a** (DMSO-*d*₆)

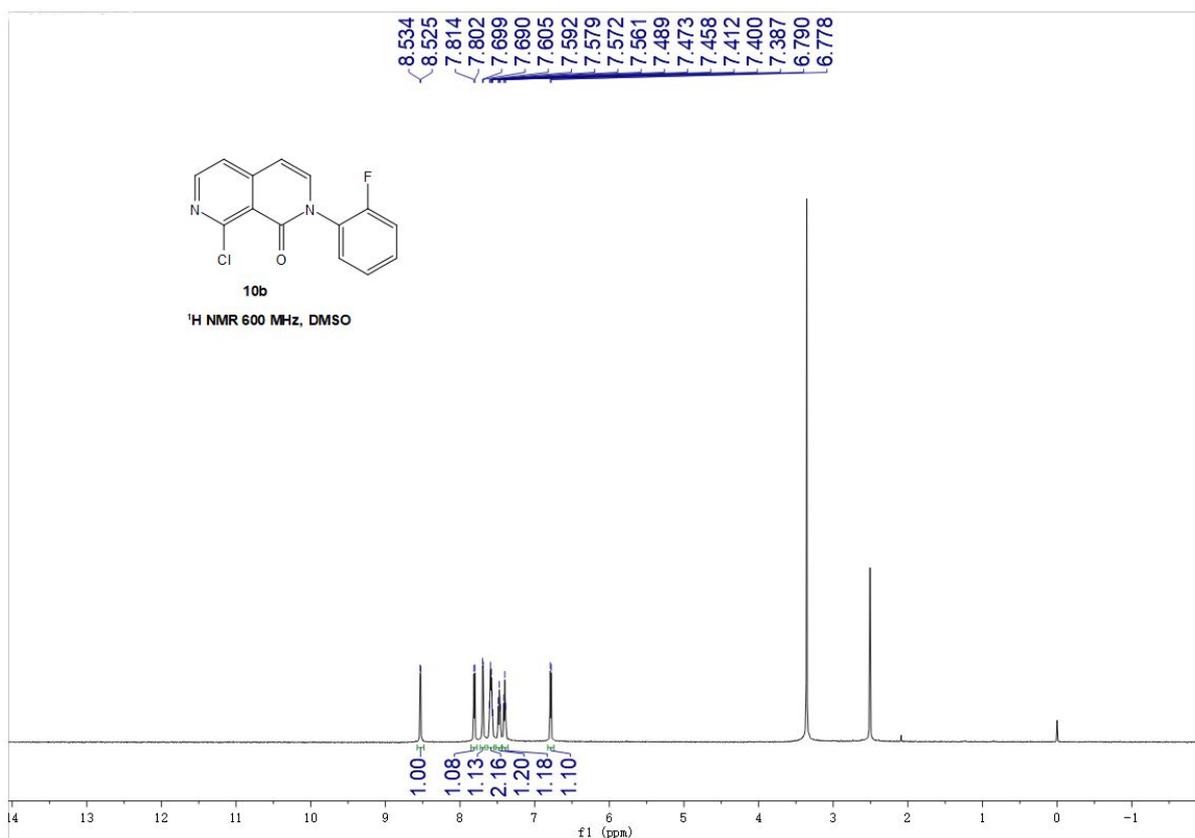


Figure S3: 600 MHz spectrum of ¹H-NMR of compound **10b** (DMSO-*d*₆)

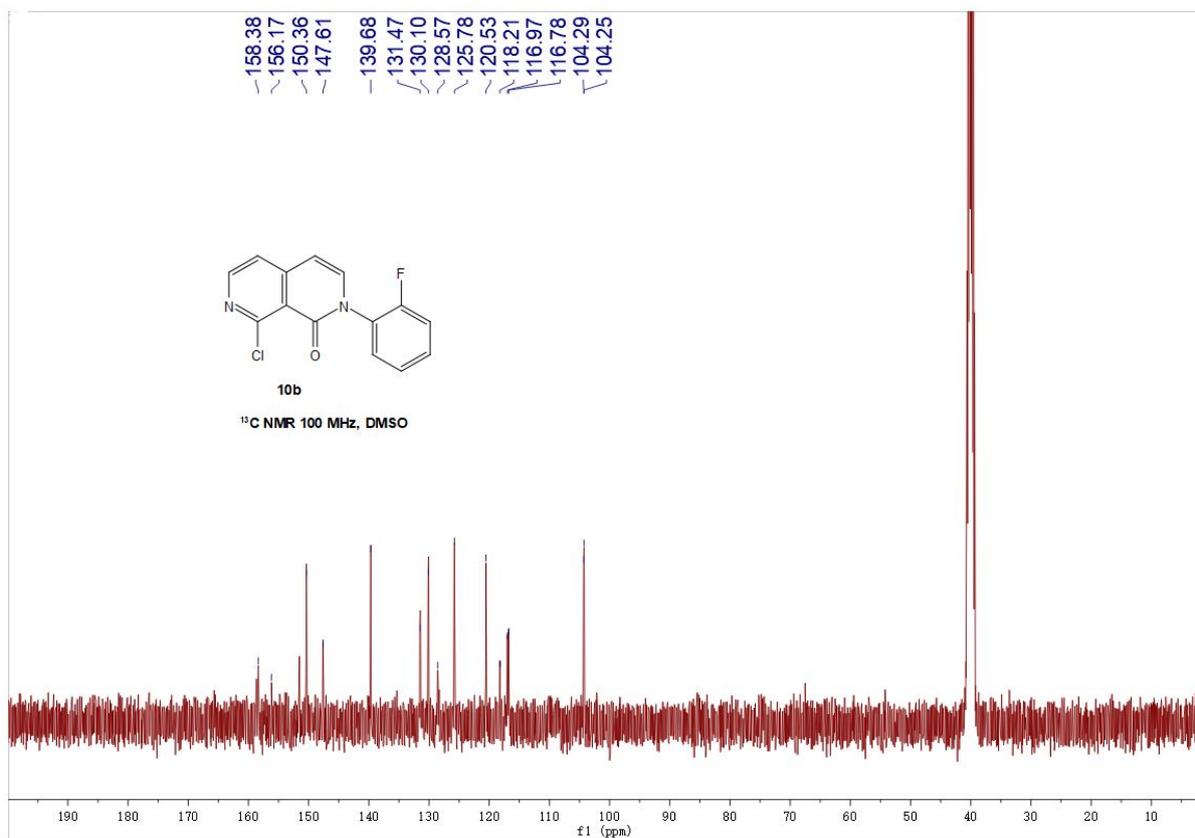


Figure S4: 100 MHz spectrum of ¹³C-NMR of compound **10b** (DMSO-*d*₆)

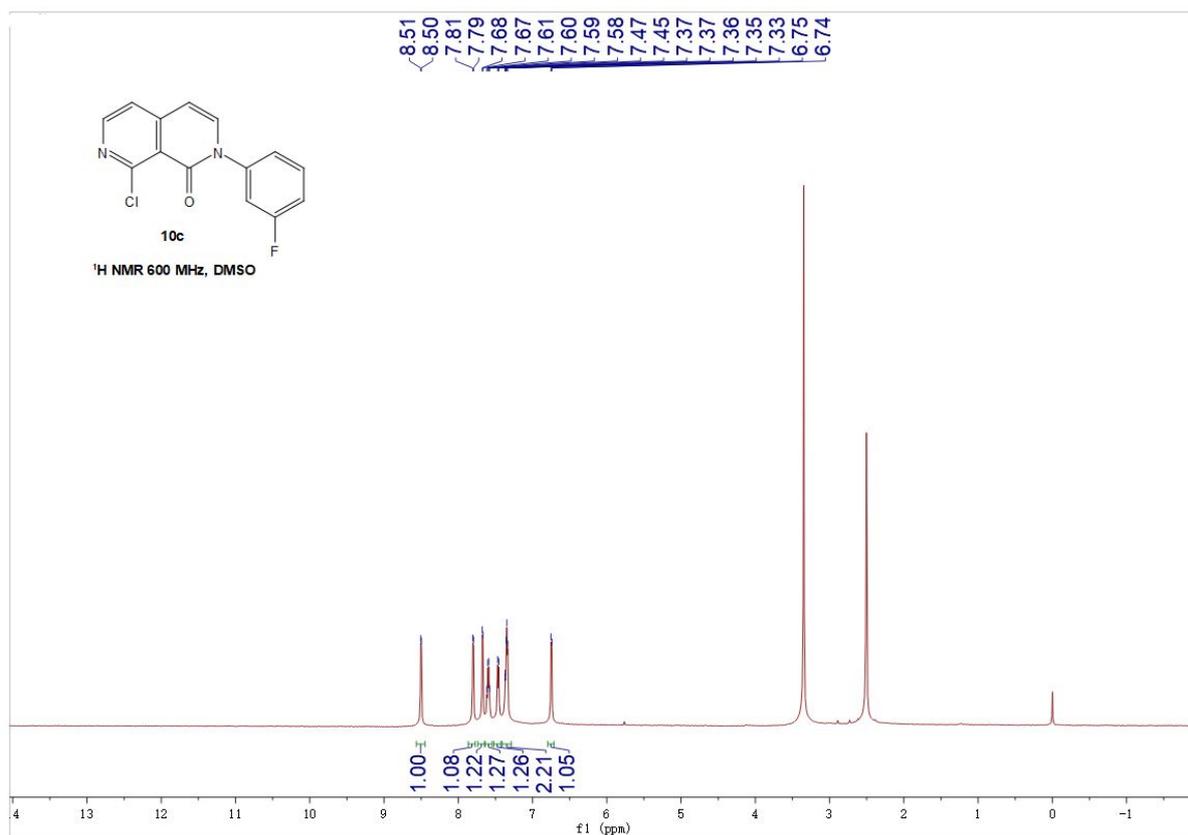


Figure S5: 600 MHz spectrum of ¹H-NMR of compound **10c** (DMSO-*d*₆)

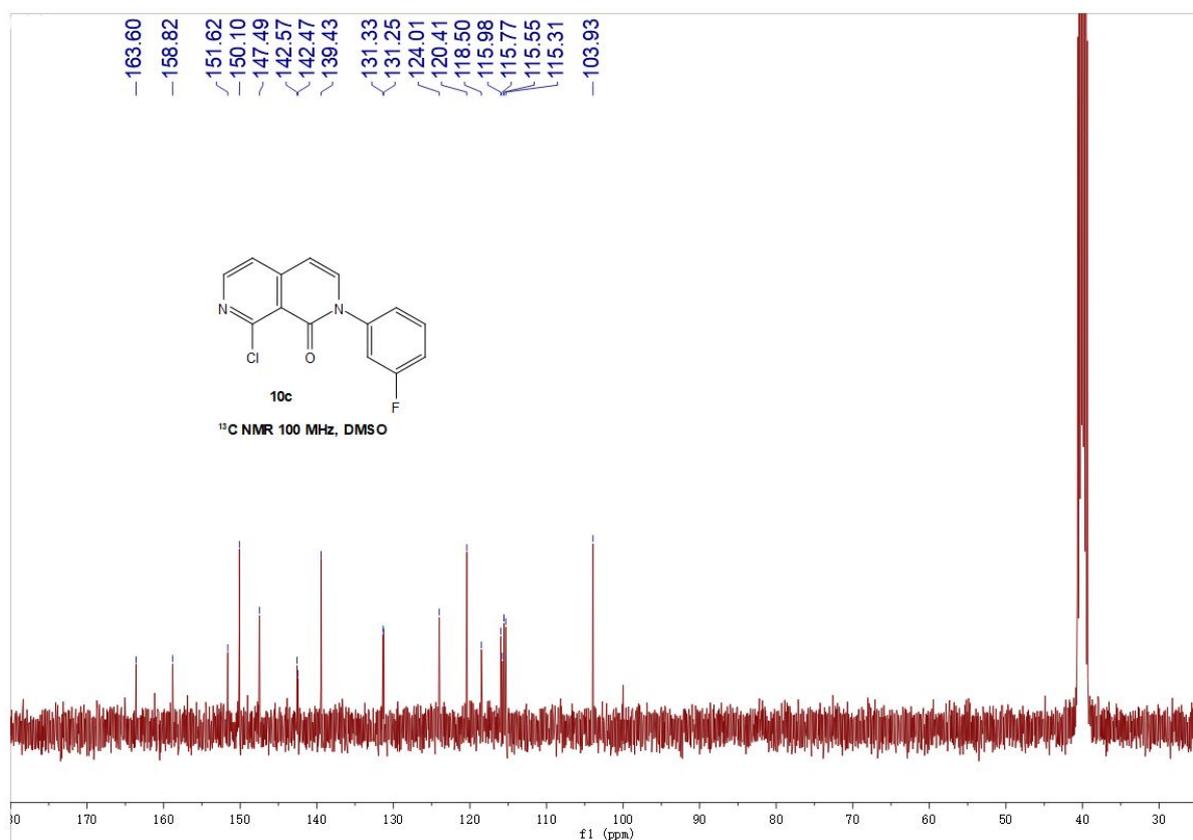


Figure S6: 100 MHz spectrum of ¹³C-NMR of compound **10c** (DMSO-*d*₆)

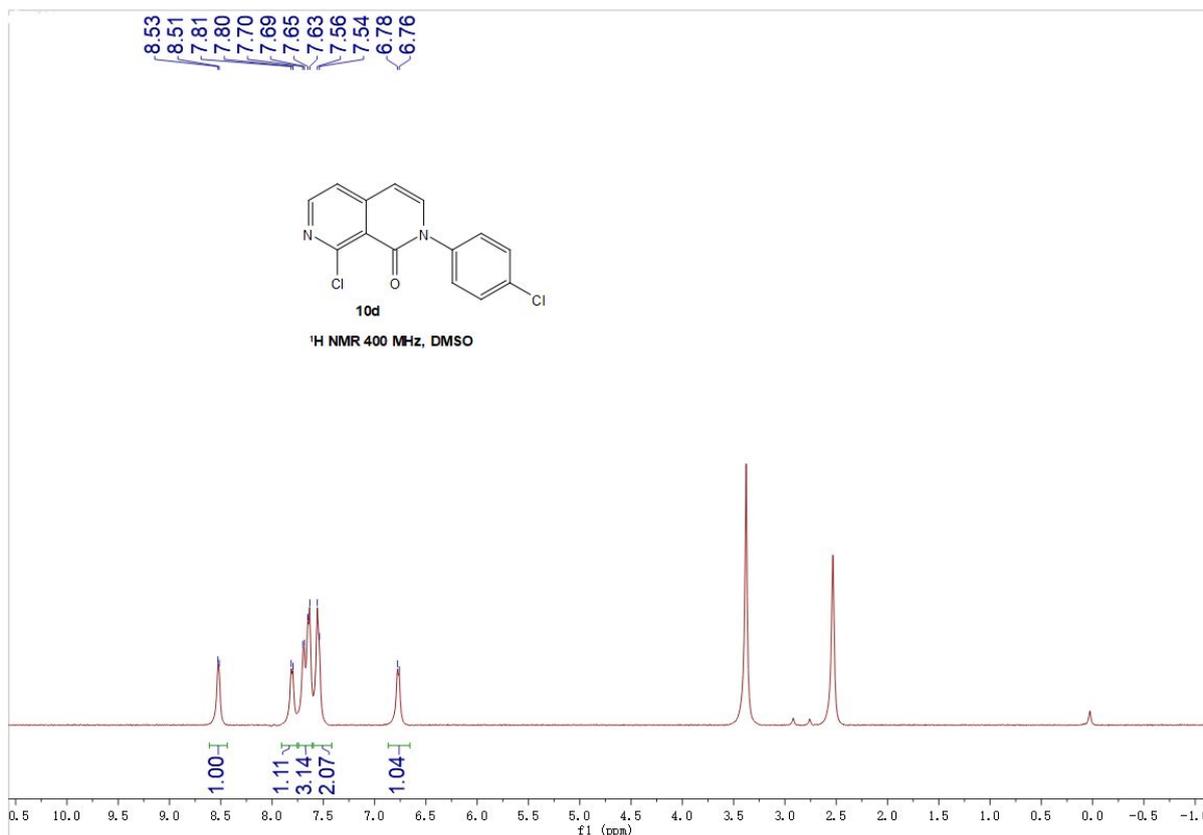


Figure S7: 400 MHz spectrum of ¹H-NMR of compound **10d** (DMSO-*d*₆)

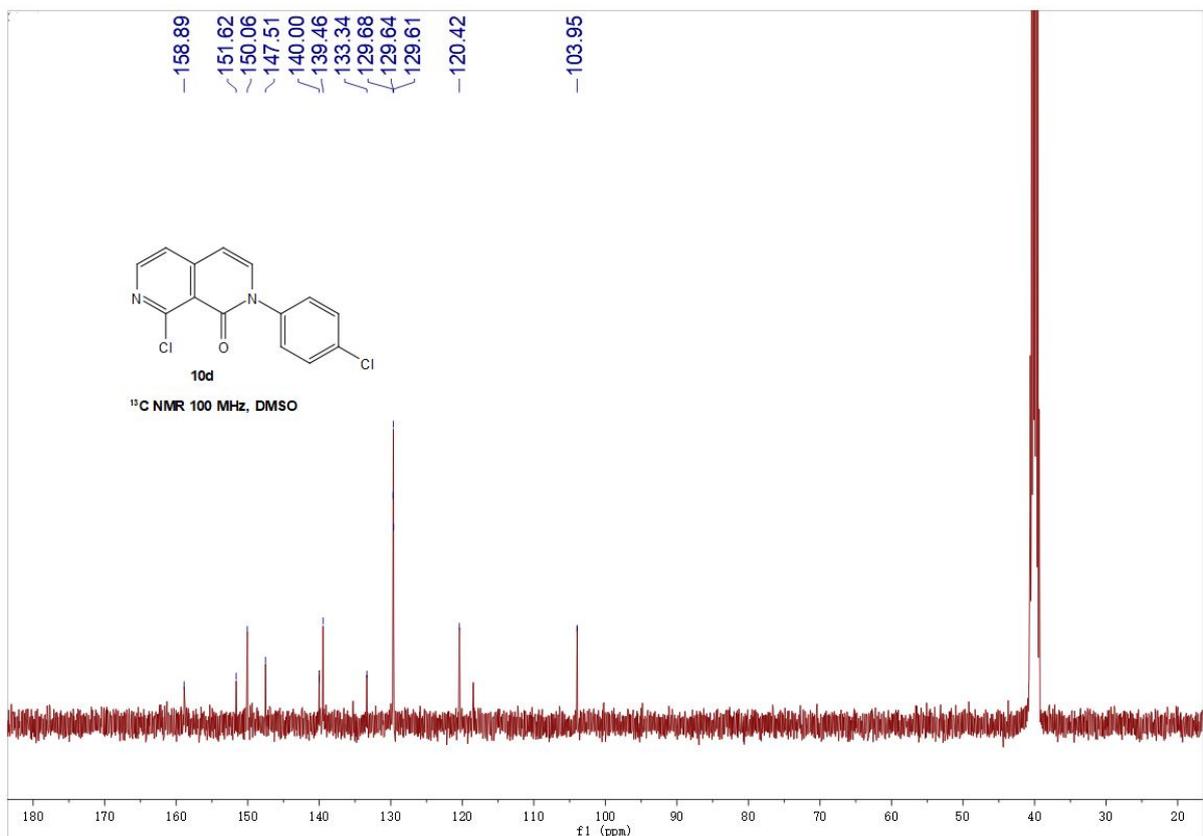


Figure S8: 100 MHz spectrum of ¹³C-NMR of compound **10d** (DMSO-*d*₆)

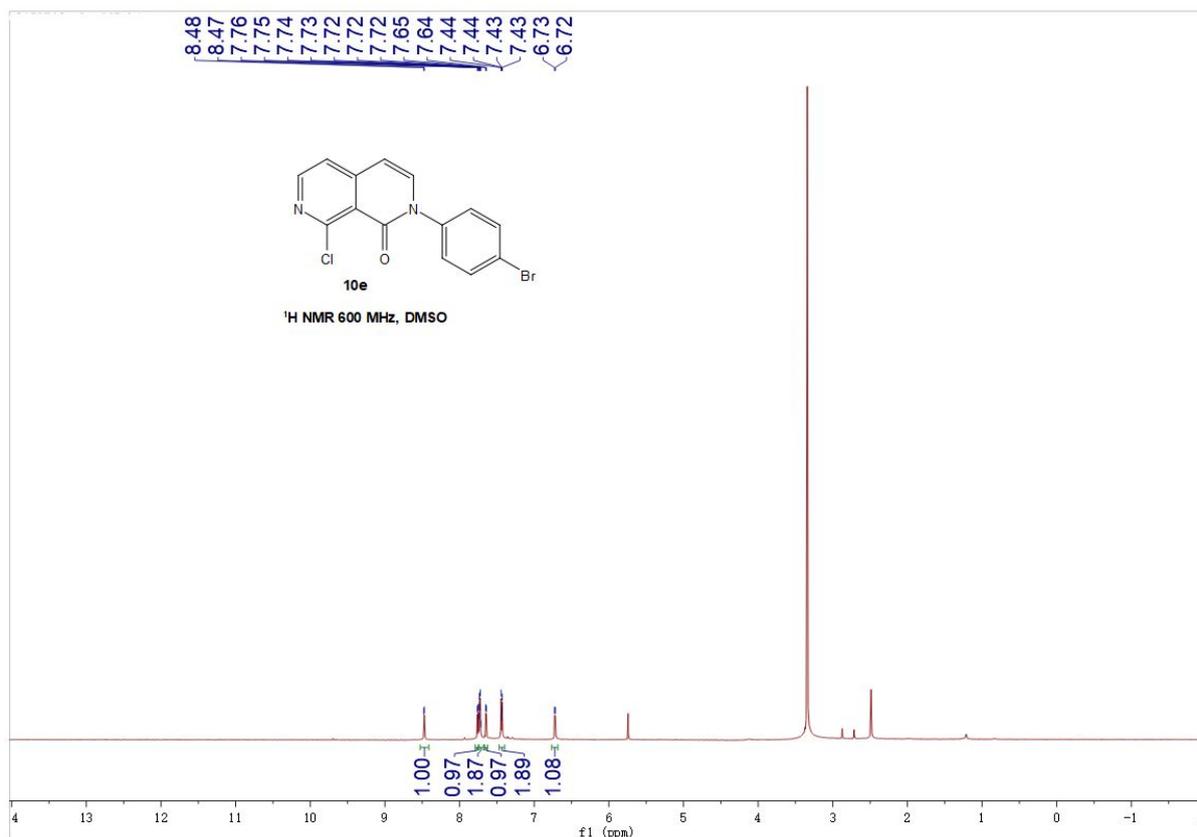


Figure S9: 600 MHz spectrum of ¹H-NMR of compound **10e** (DMSO-*d*₆)

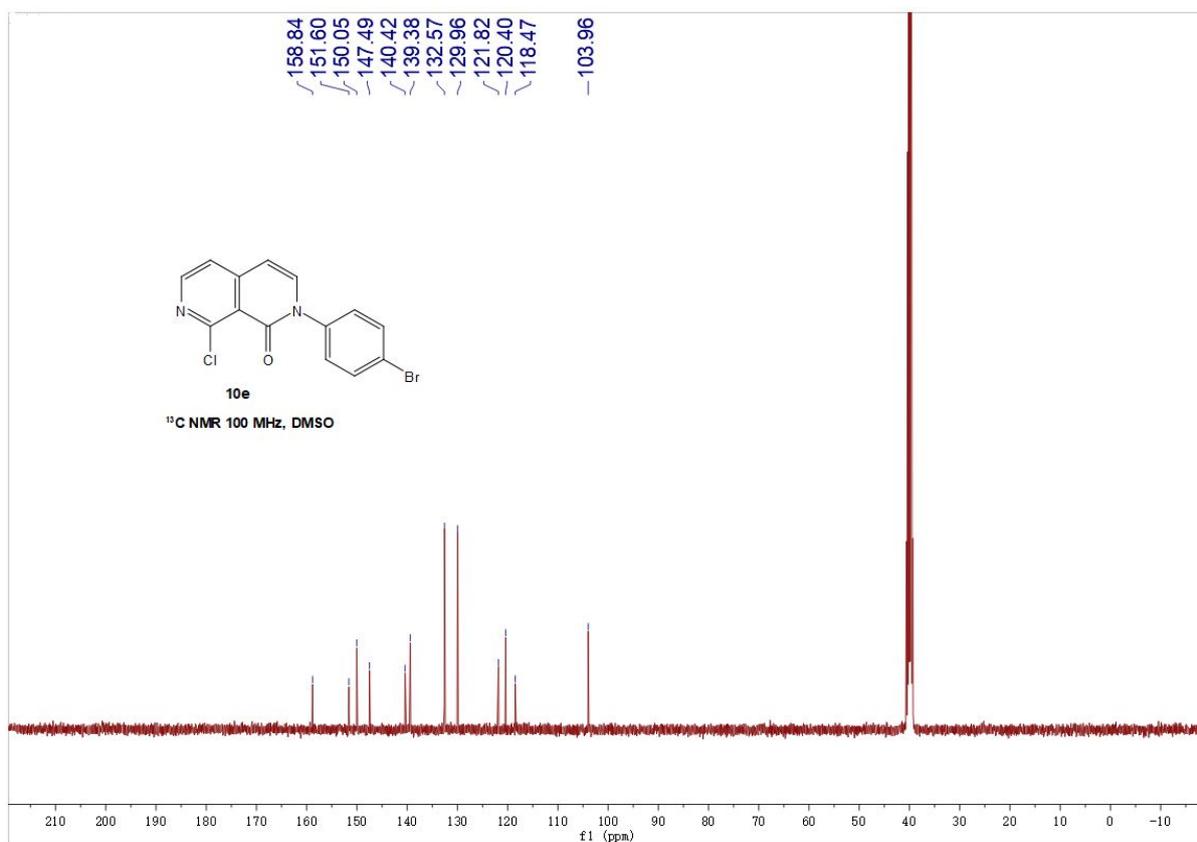


Figure S10: 100 MHz spectrum of ¹³C-NMR of compound **10e** (DMSO-*d*₆)

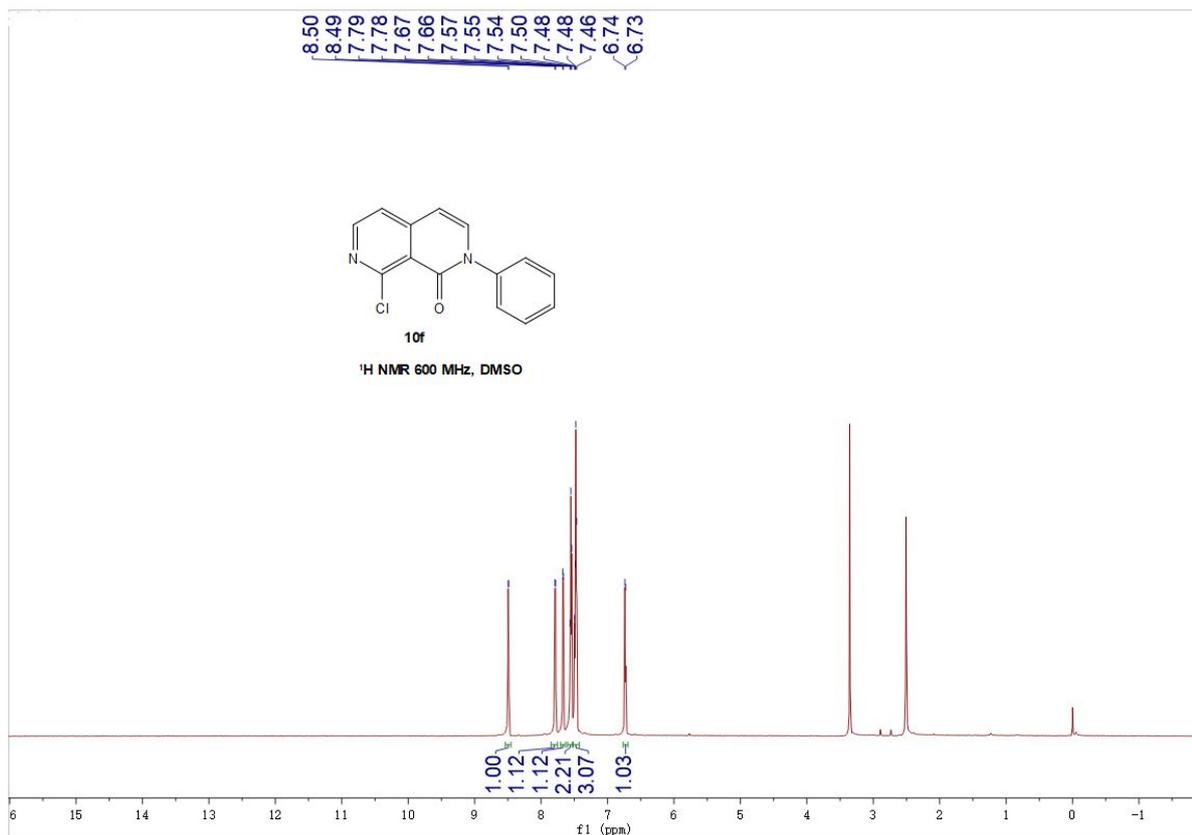


Figure S11: 600 MHz spectrum of ¹H-NMR of compound **10f** (DMSO-*d*₆)

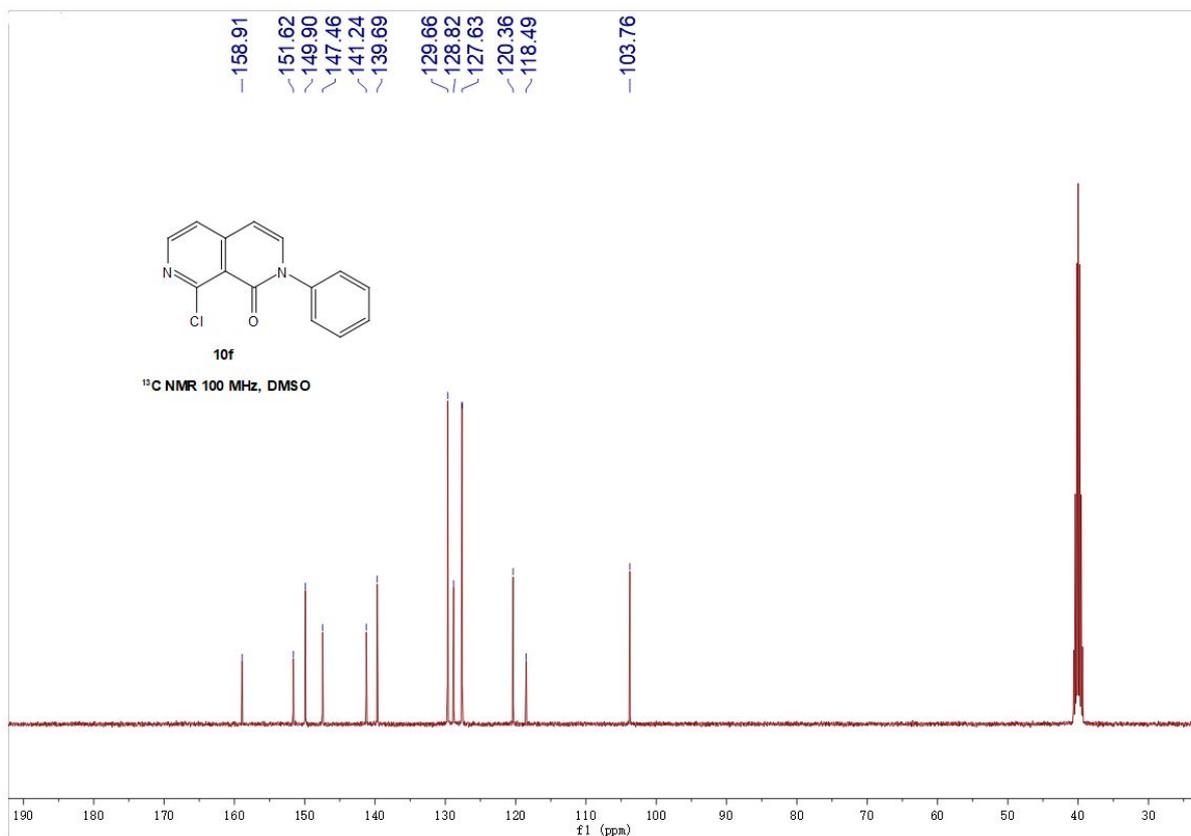


Figure S12: 100 MHz spectrum of ¹³C-NMR of compound **10f** (DMSO-*d*₆)

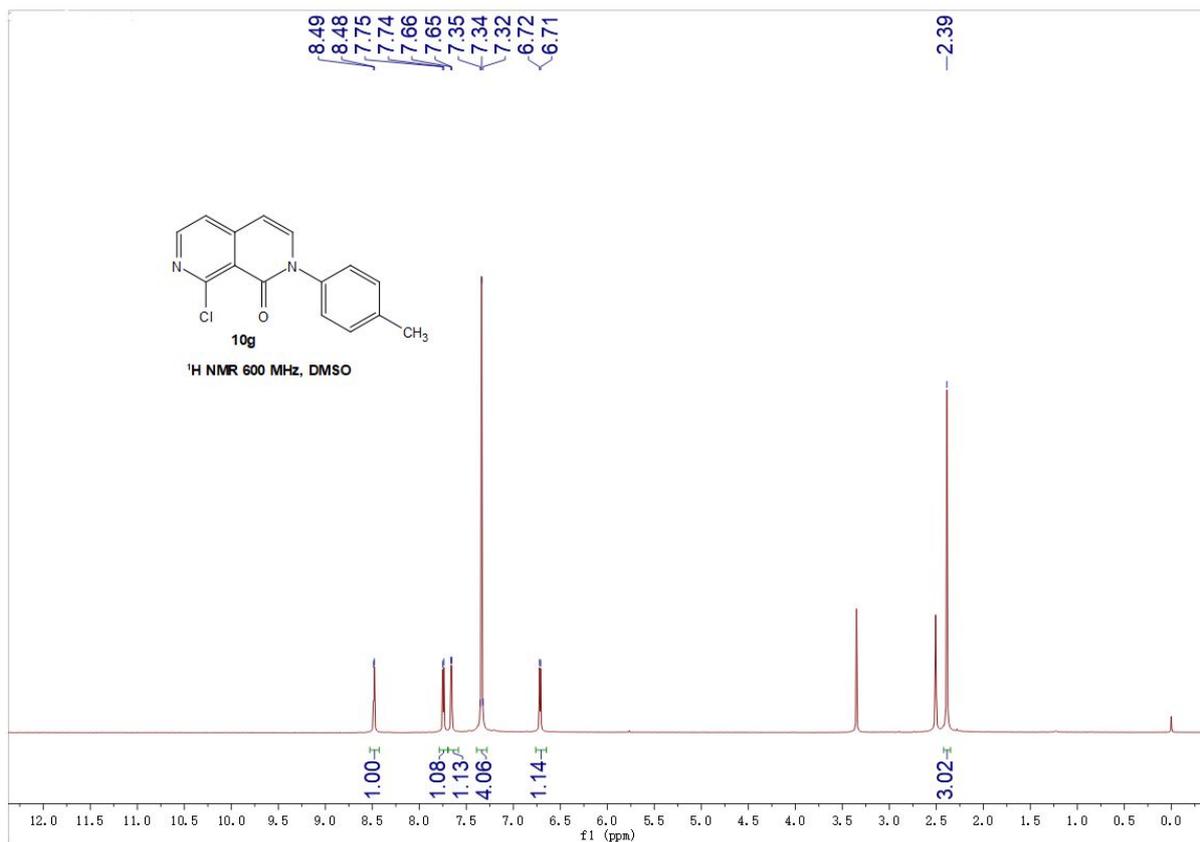


Figure S13: 600 MHz spectrum of ¹H-NMR of compound **10g** (DMSO-*d*₆)

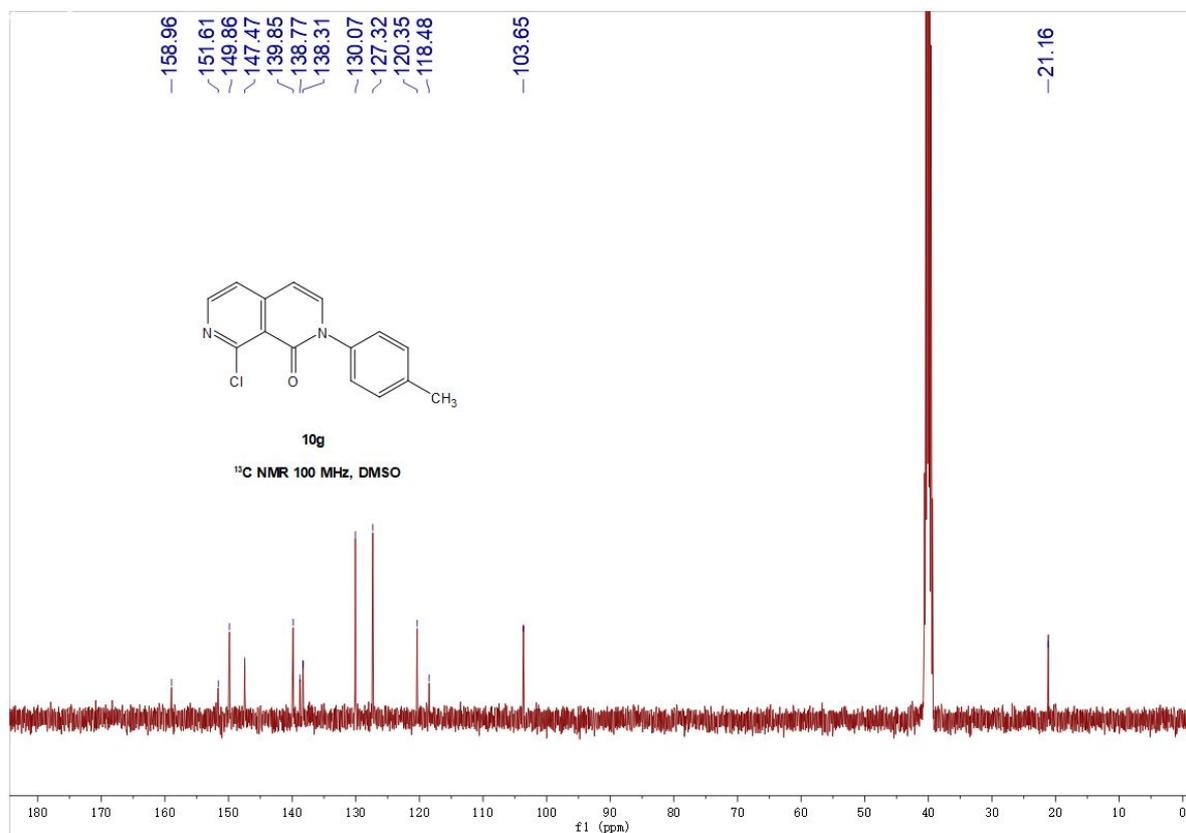


Figure S14: 100 MHz spectrum of ¹³C-NMR of compound **10g** (DMSO-*d*₆)

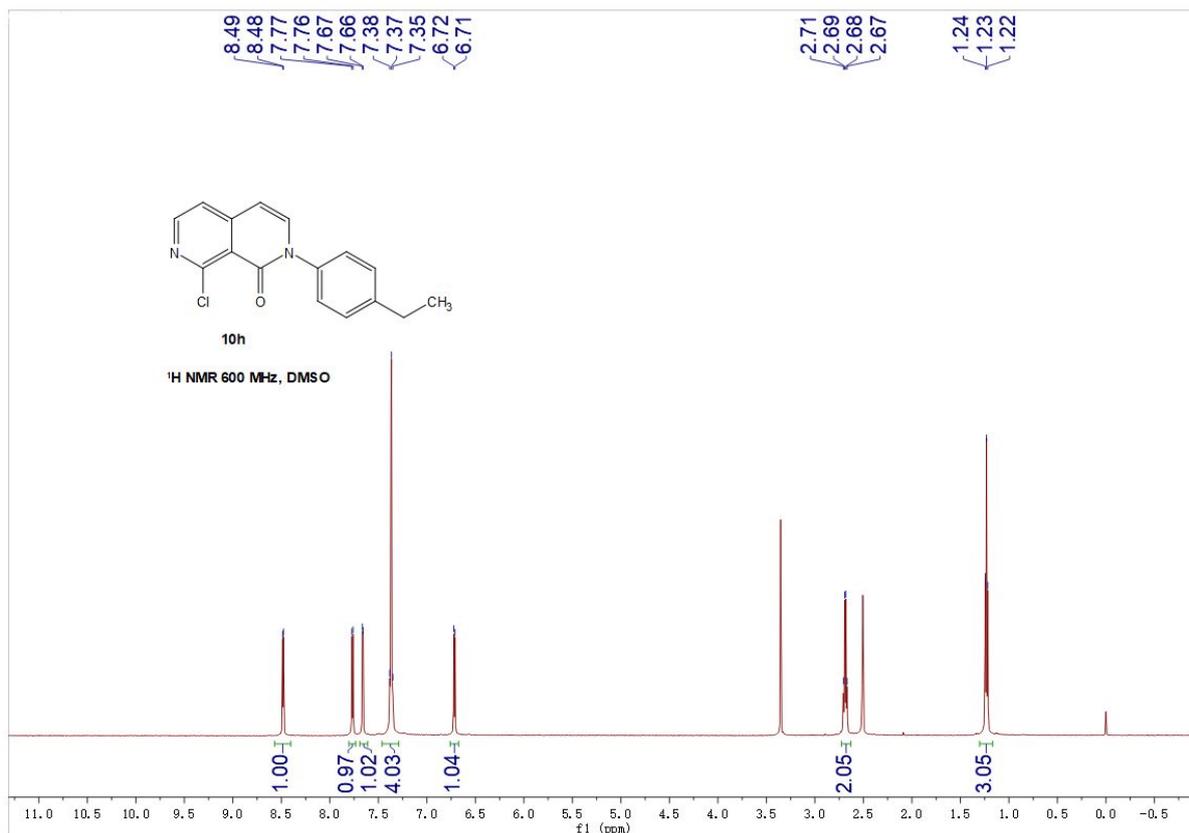


Figure S15: 600 MHz spectrum of ¹H-NMR of compound **10h** (DMSO-*d*₆)

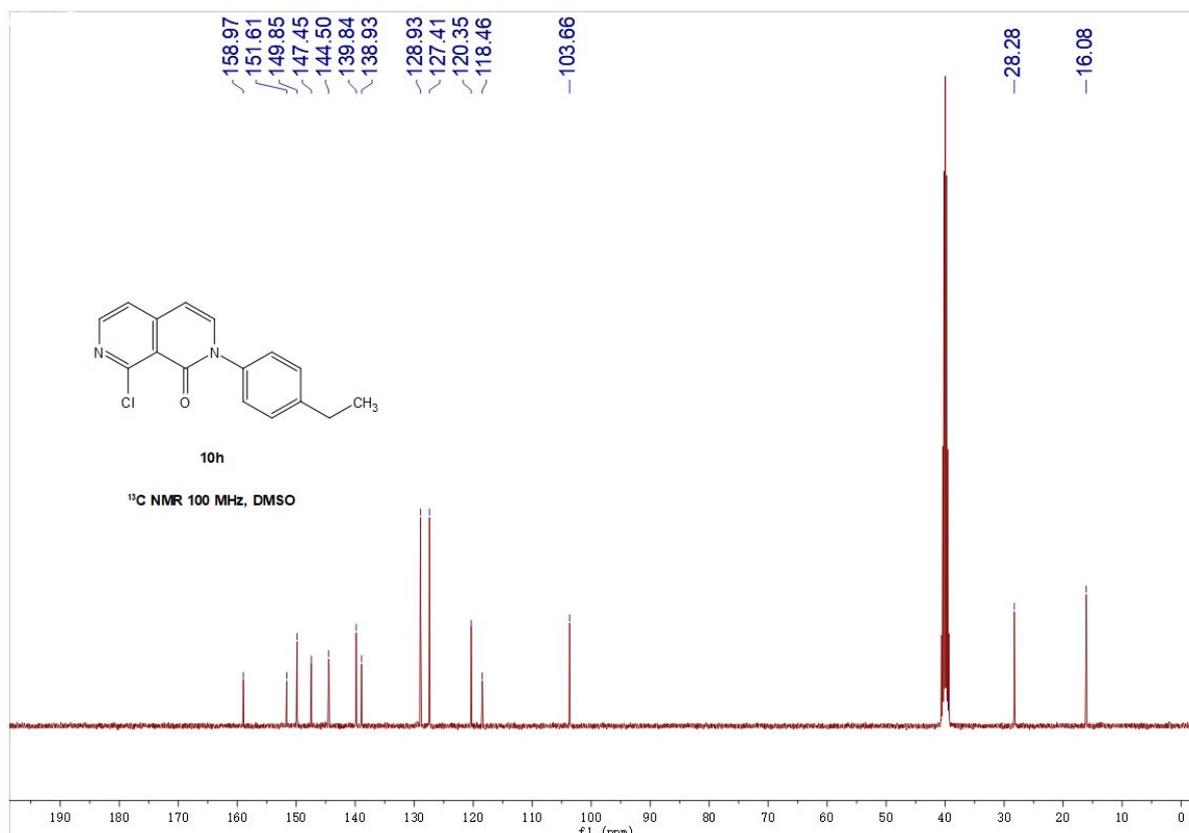


Figure S16: 100 MHz spectrum of ¹³C-NMR of compound **10h** (DMSO-*d*₆)

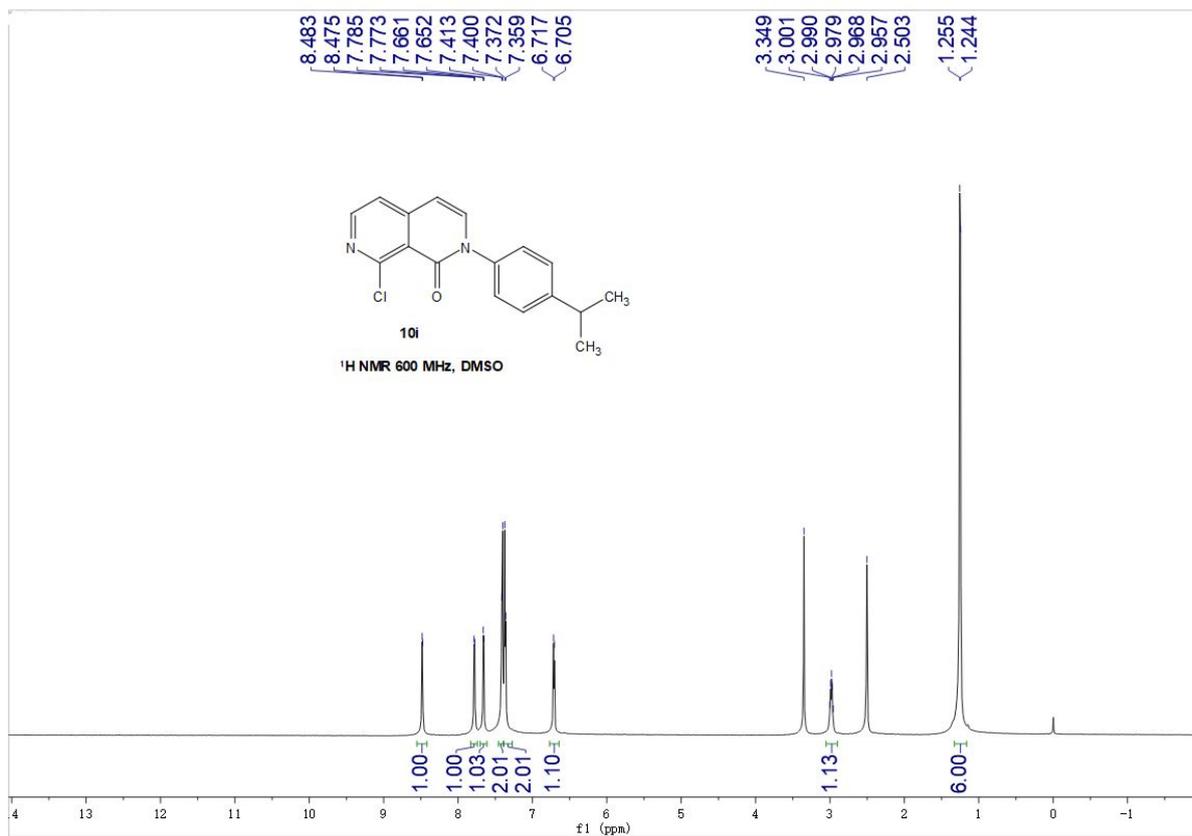


Figure S17: 600 MHz spectrum of ¹H-NMR of compound **10i**(DMSO-*d*₆)

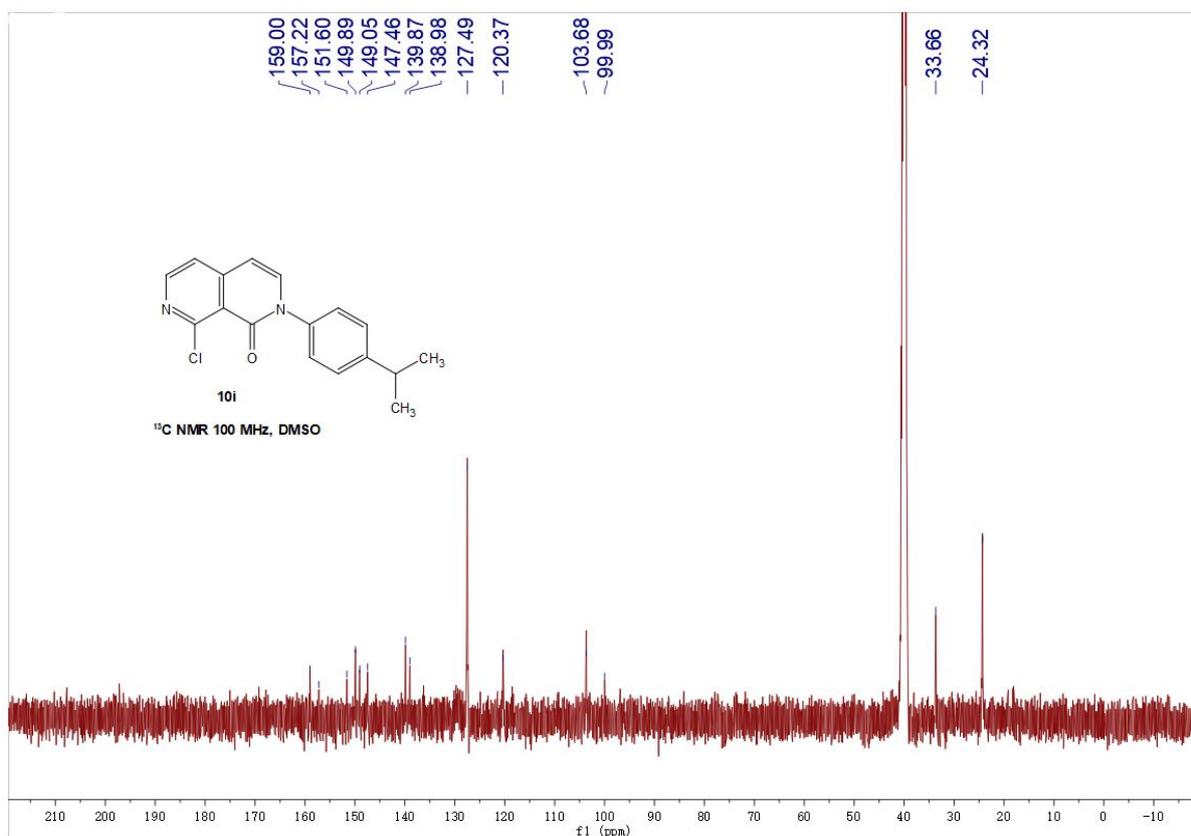


Figure S18: 100 MHz spectrum of ¹³C-NMR of compound **10i** (DMSO-*d*₆)

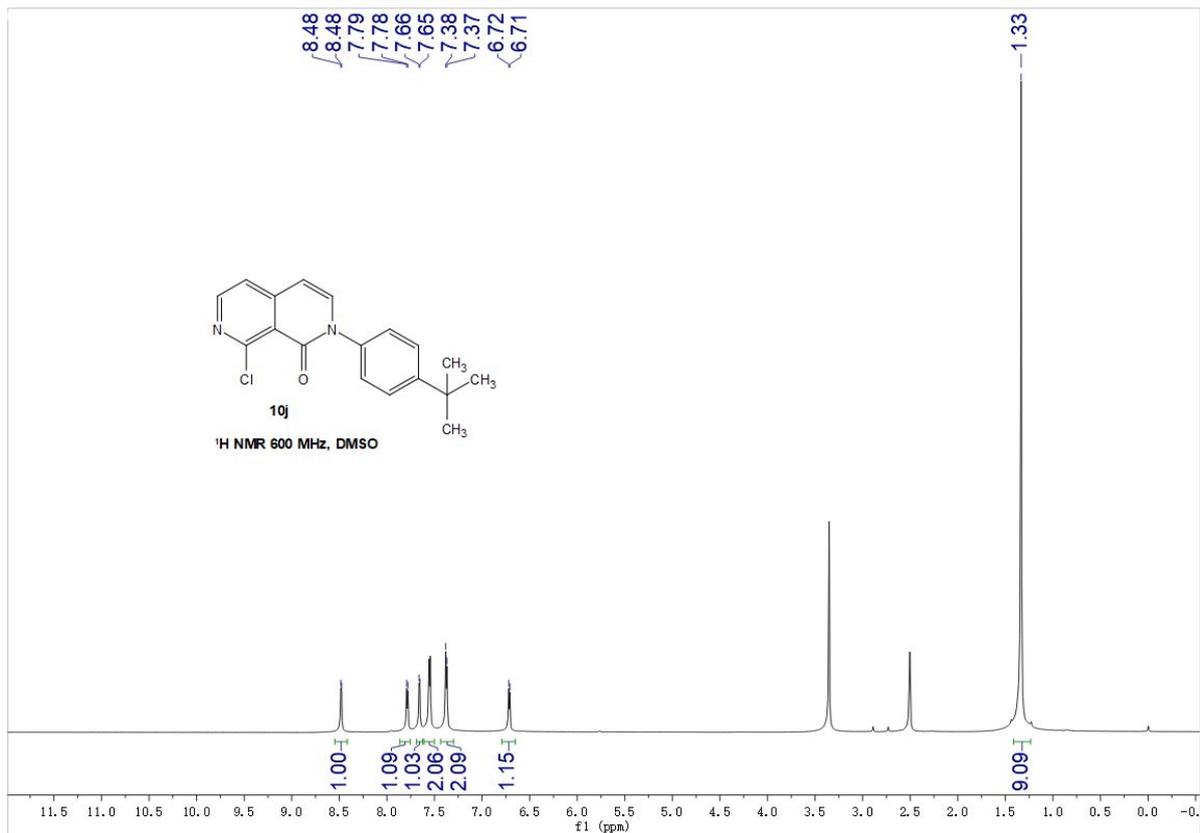


Figure S19: 600 MHz spectrum of ¹H-NMR of compound **10j** (DMSO-*d*₆)

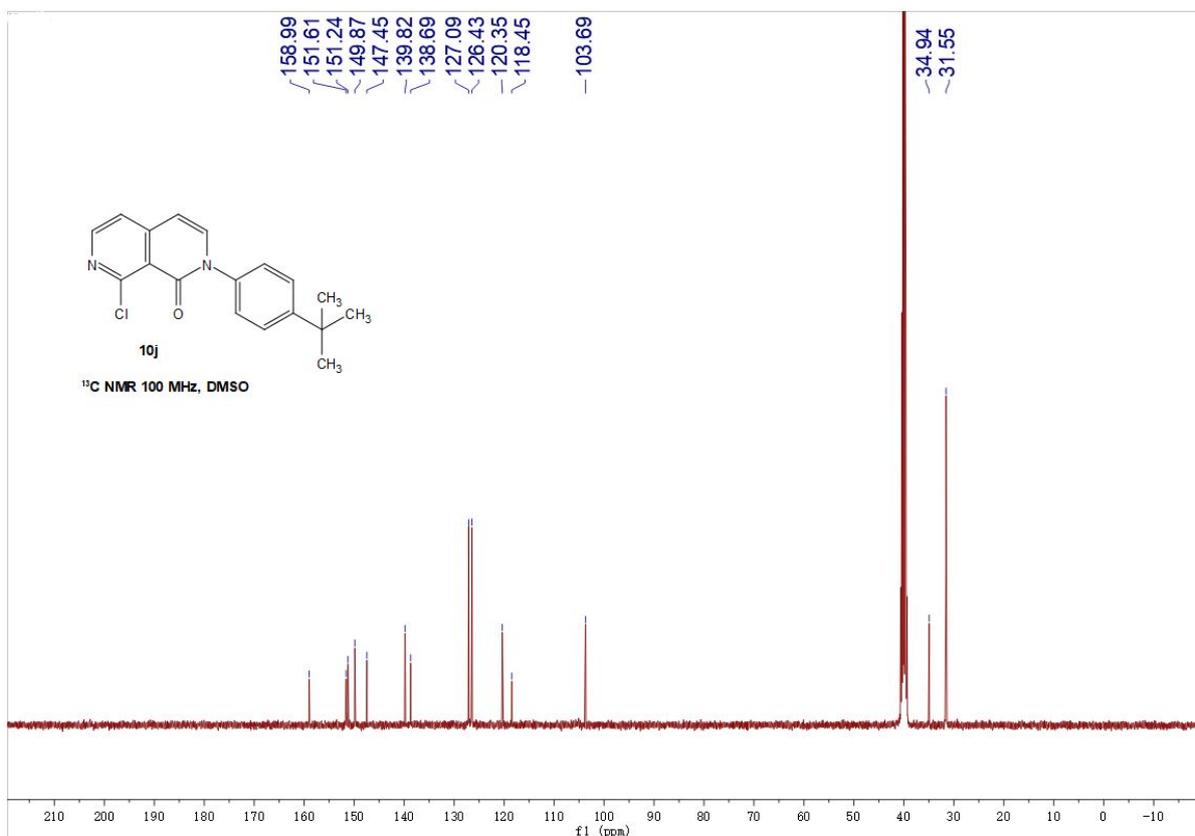


Figure S20: 100 MHz spectrum of ¹³C-NMR of compound **10j** (DMSO-*d*₆)

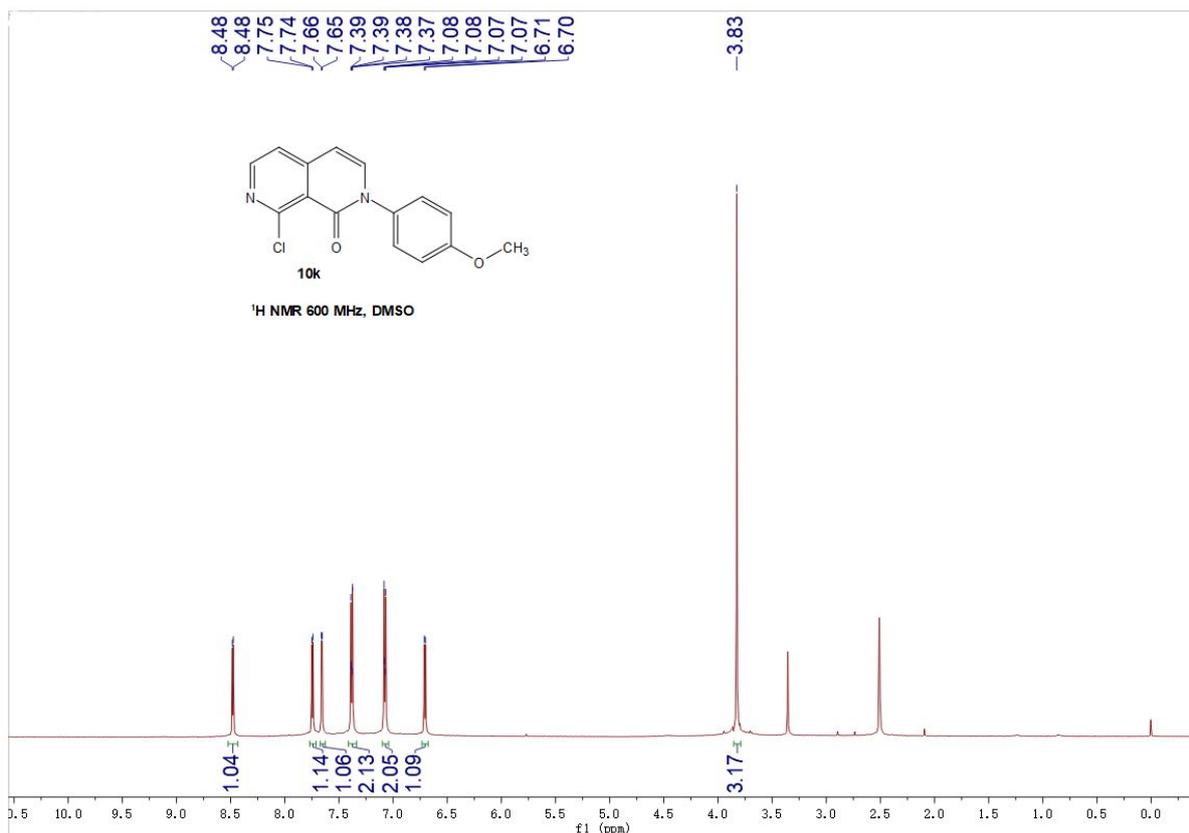


Figure S21: 600 MHz spectrum of ¹H-NMR of compound **10k** (DMSO-*d*₆)

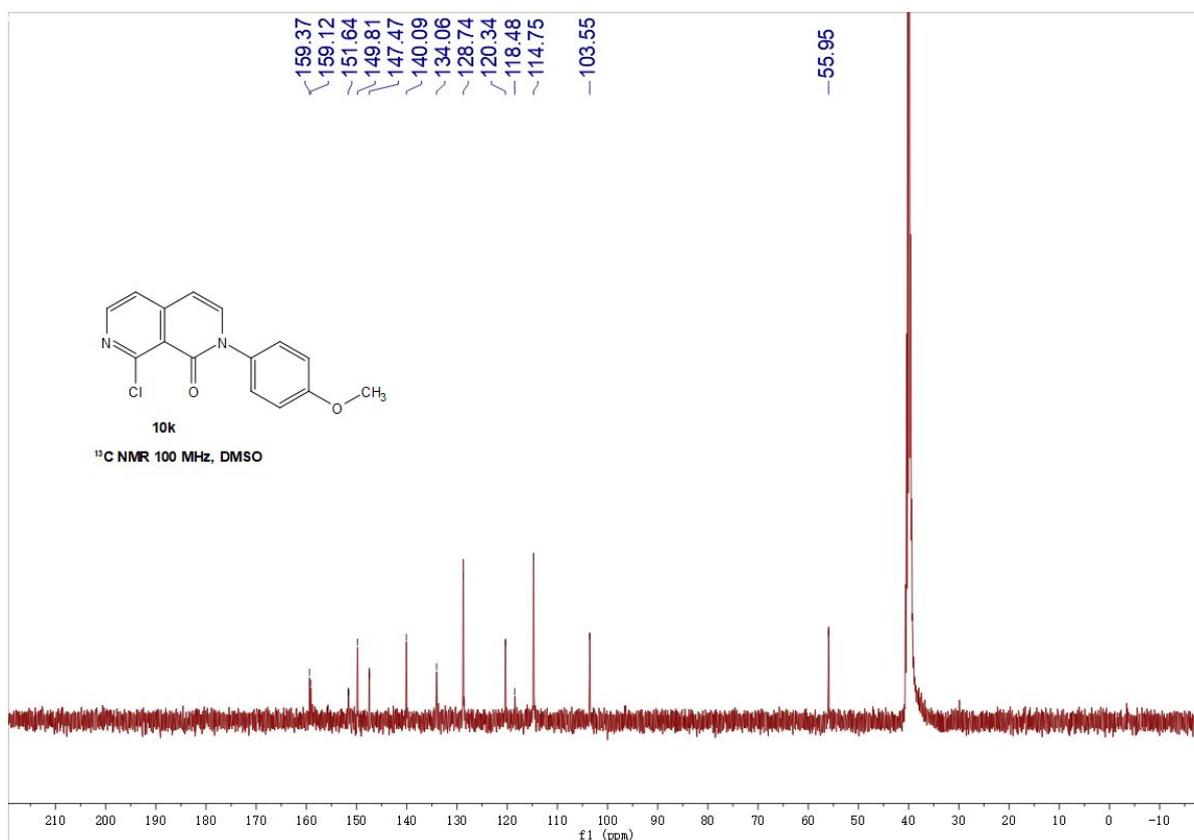


Figure S22: 100 MHz spectrum of ¹³C-NMR of compound **10k** (DMSO-*d*₆)

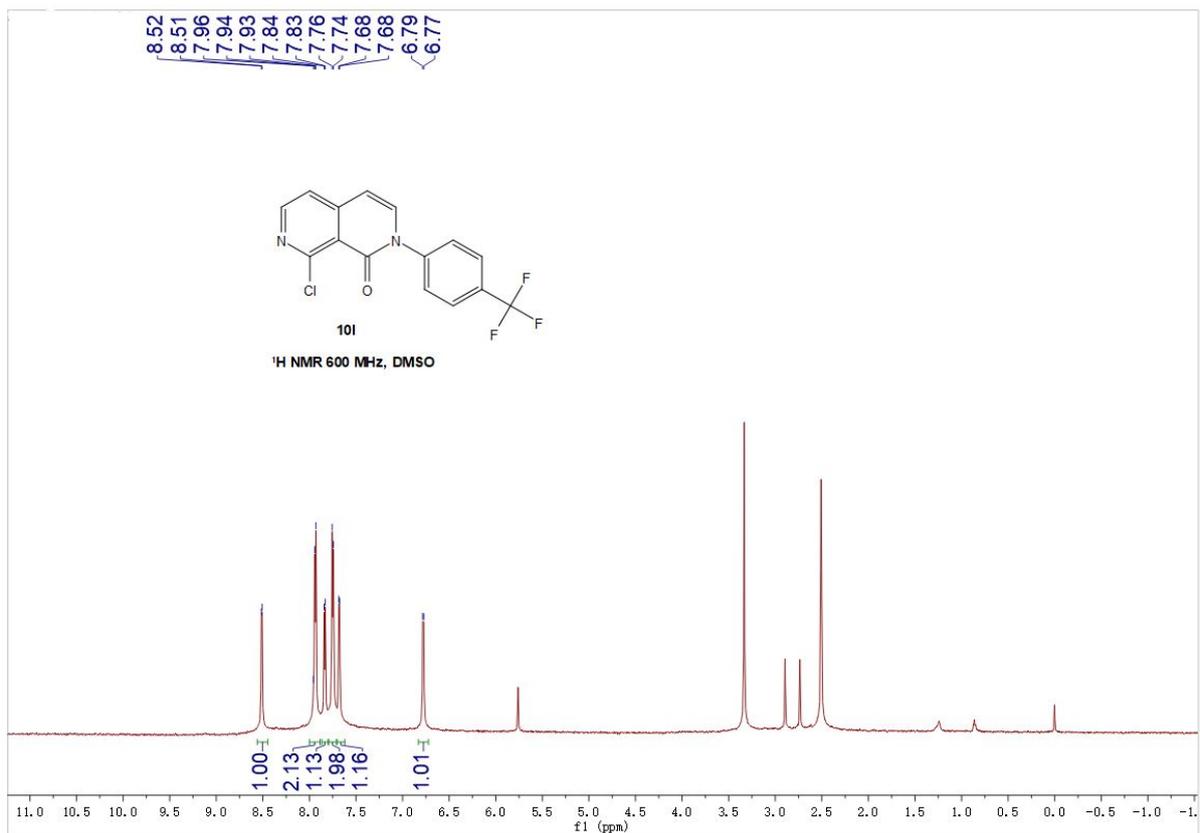


Figure S23: 600 MHz spectrum of ¹H-NMR of compound **10I** (DMSO-*d*₆)

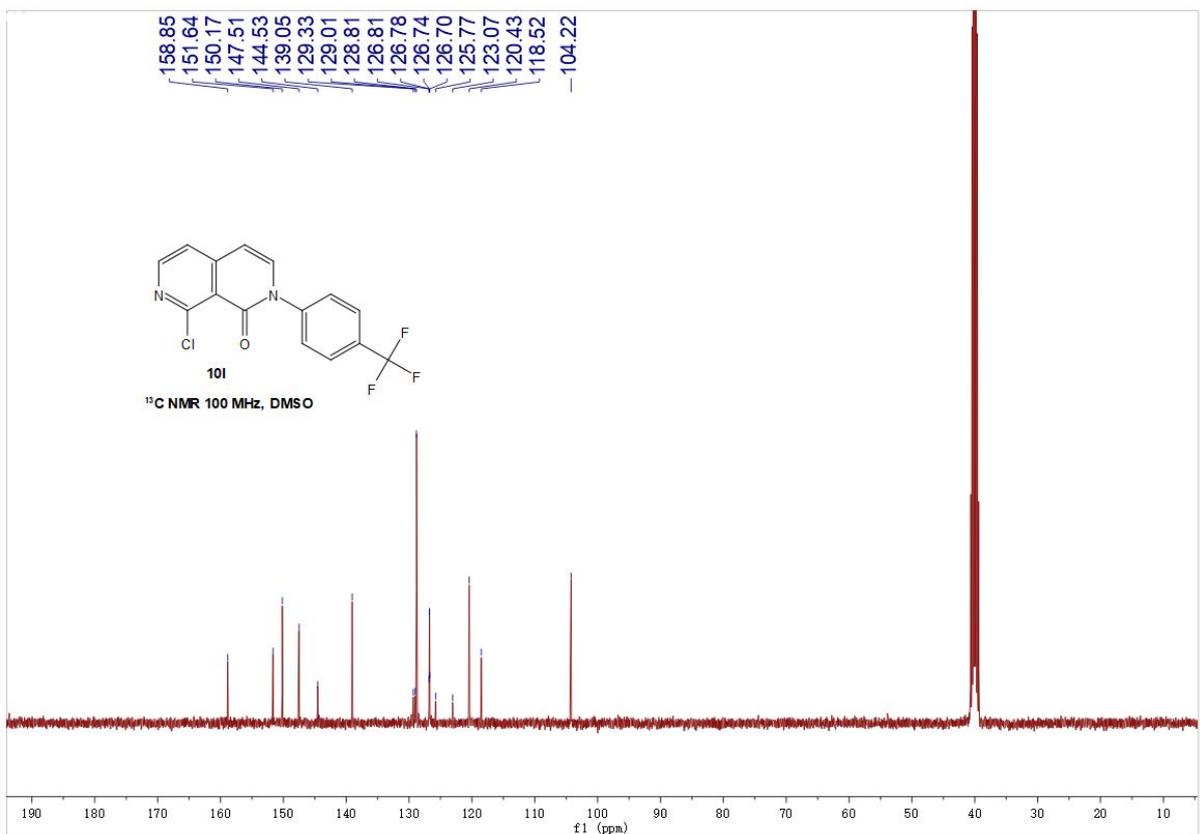


Figure S24: 100 MHz spectrum of ¹³C-NMR of compound **10I** (DMSO-*d*₆)

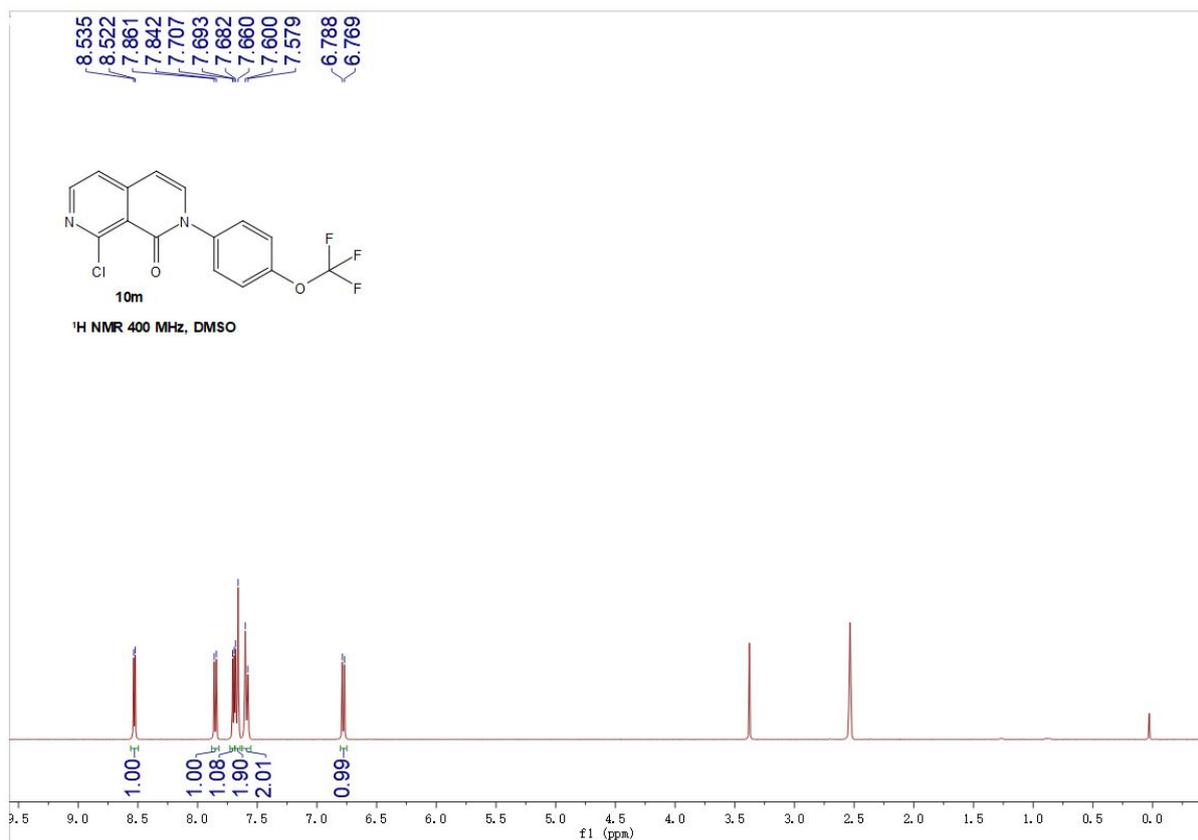


Figure S25: 400 MHz spectrum of ¹H-NMR of compound **10m** (DMSO-*d*₆)

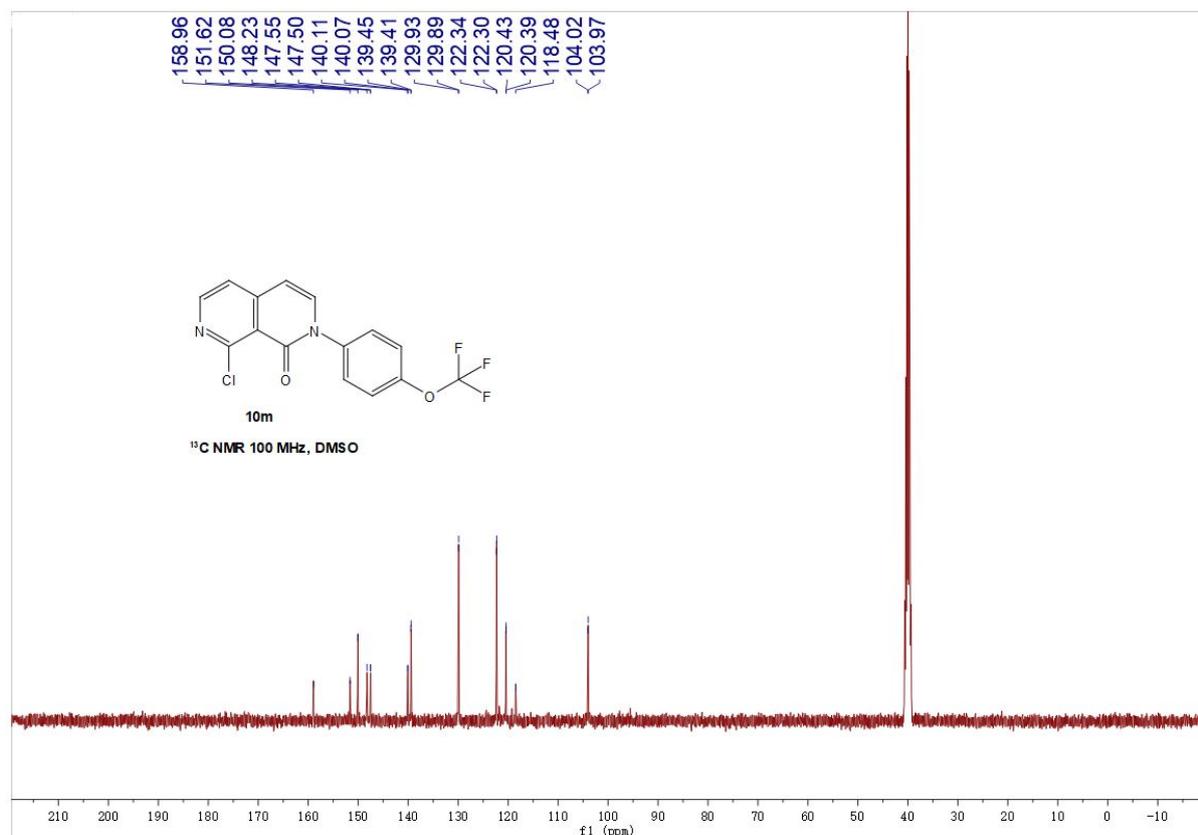


Figure S26: 100 MHz spectrum of ¹³C-NMR of compound **10m** (DMSO-*d*₆)

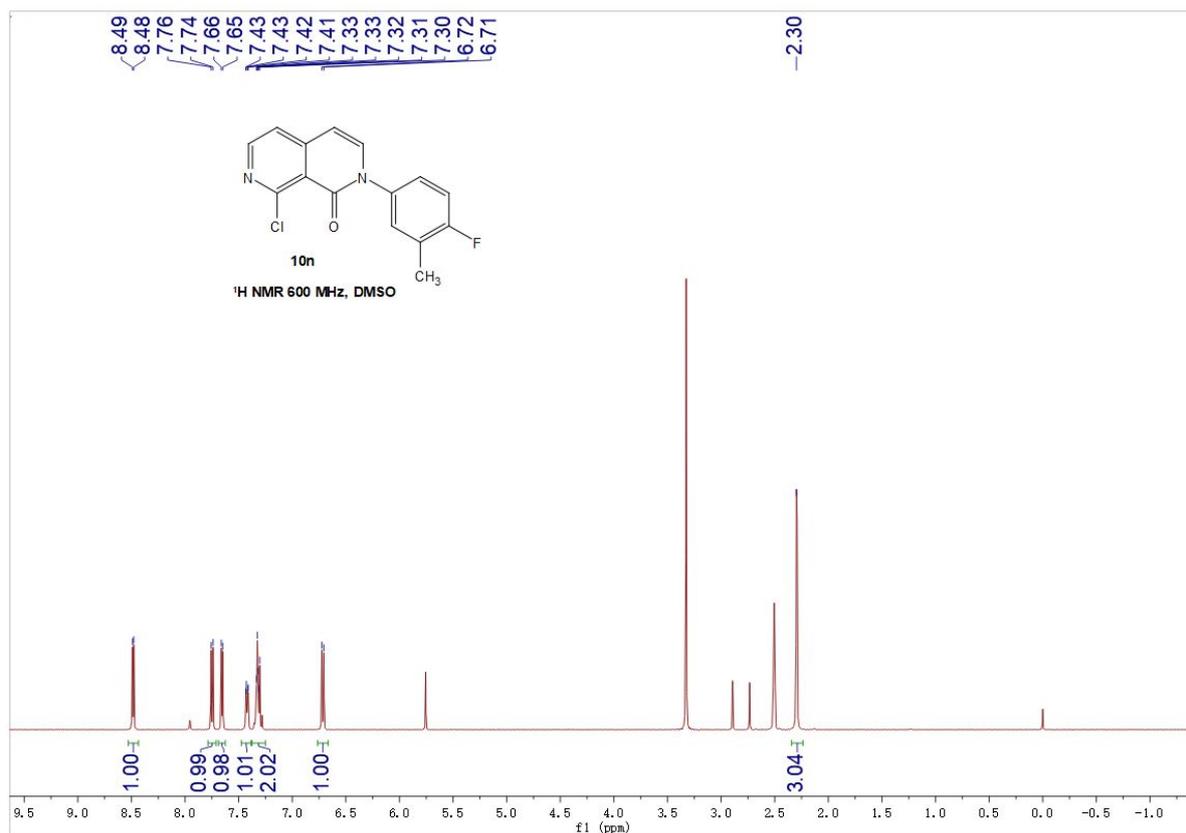


Figure S27: 600 MHz spectrum of ¹H-NMR of compound **10n** (DMSO-*d*₆)

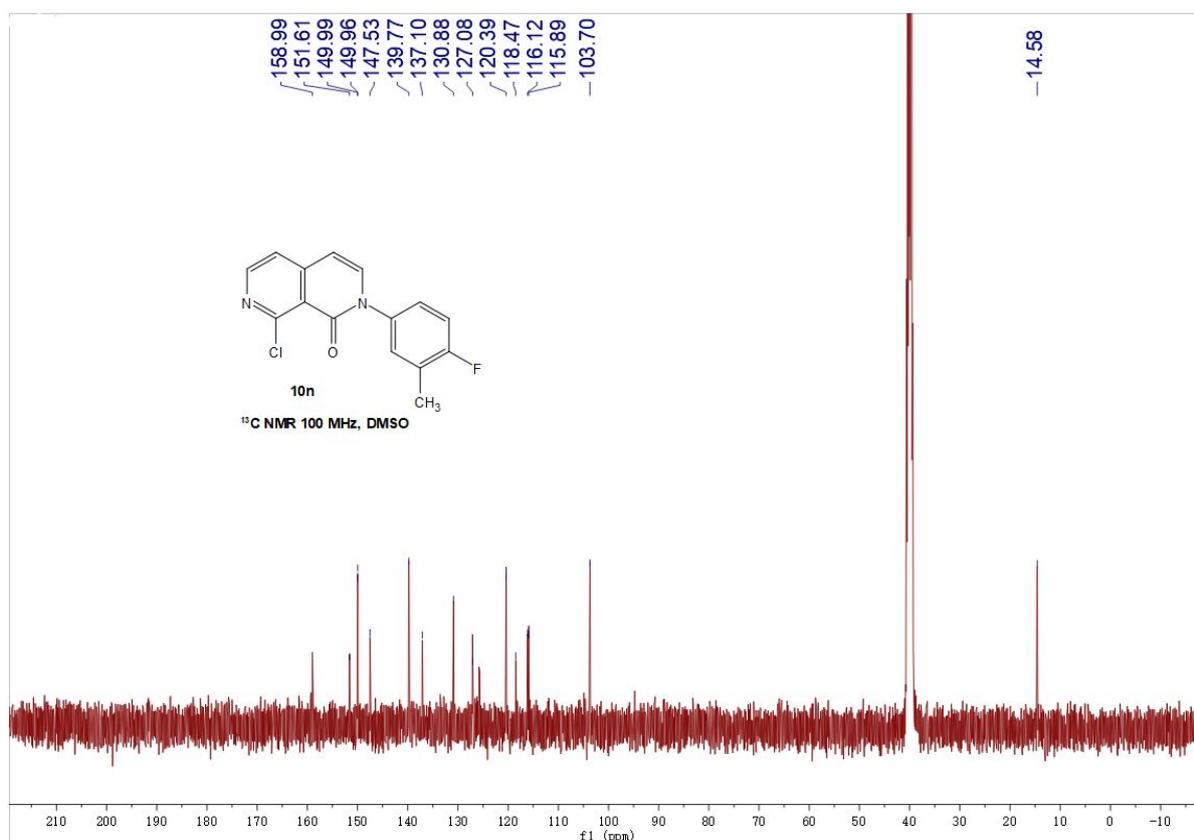


Figure S28: 100 MHz spectrum of ¹³C-NMR of compound **10n** (DMSO-*d*₆)

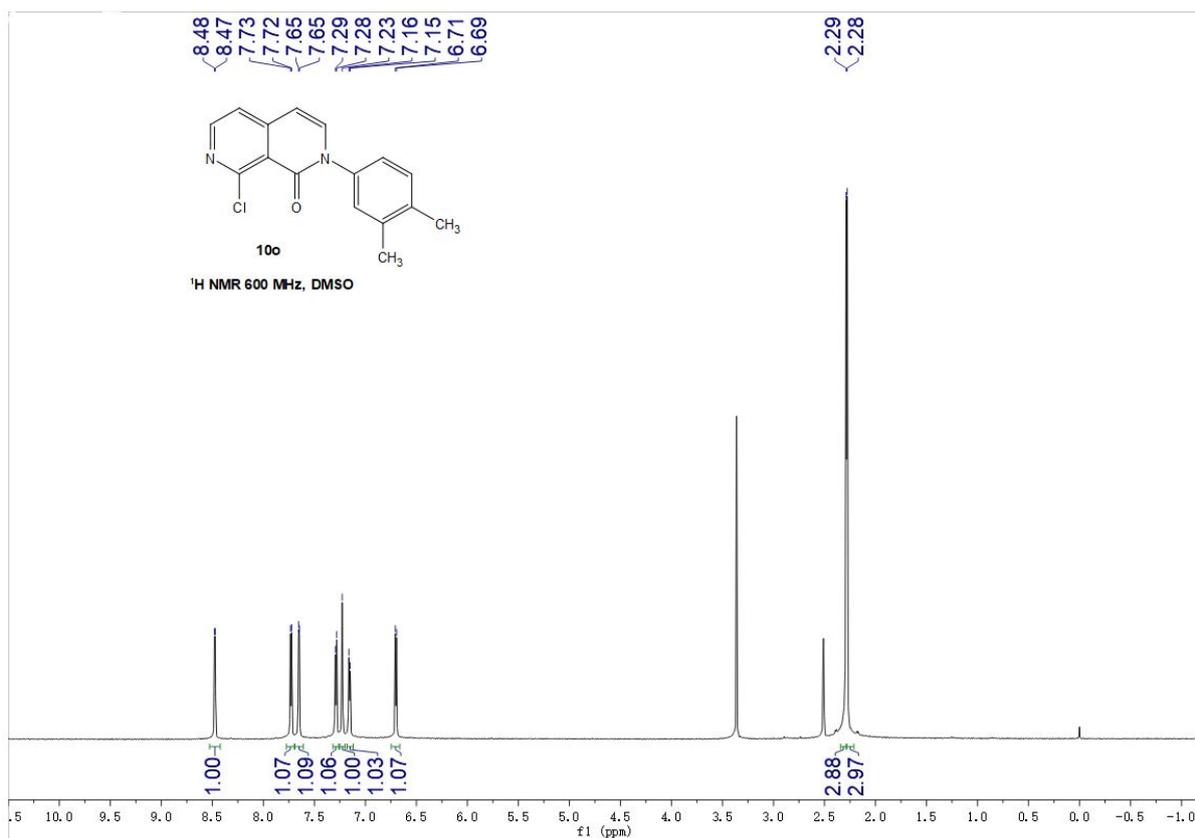


Figure S29: 600 MHz spectrum of ¹H-NMR of compound **10o** (DMSO-*d*₆)

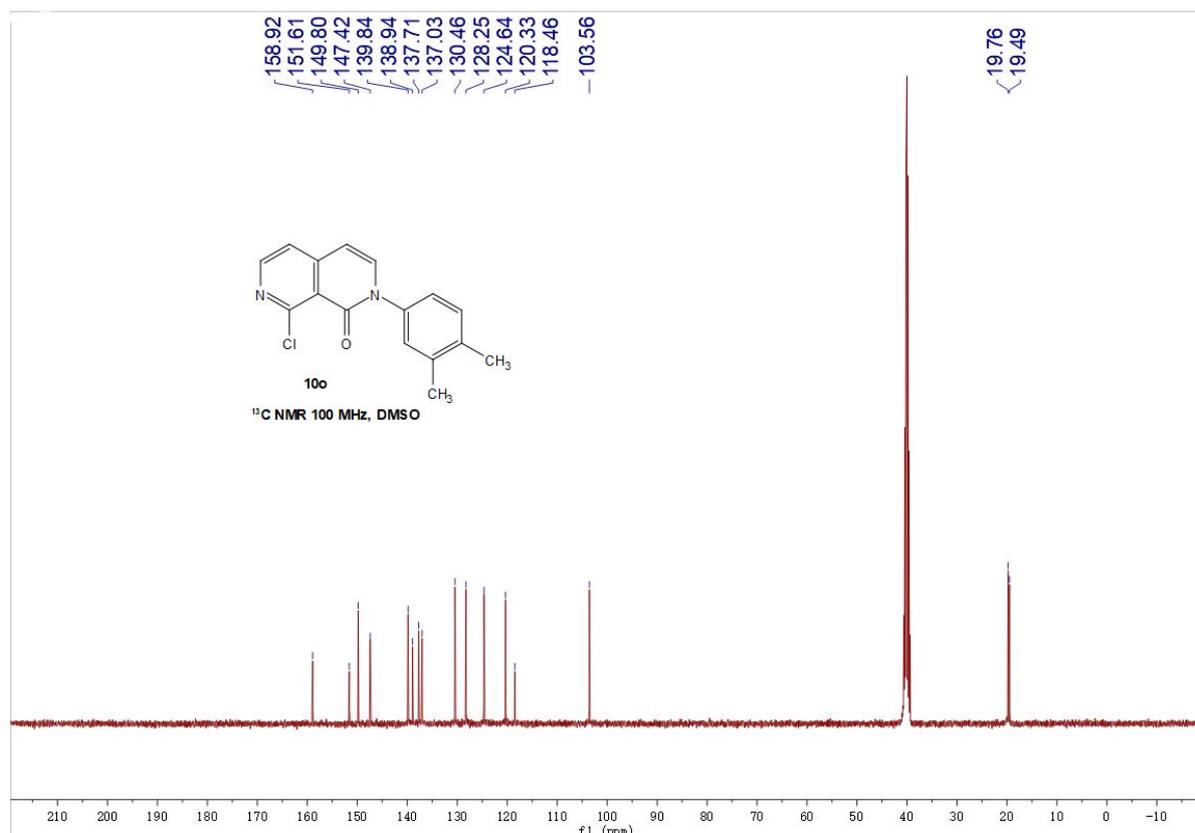


Figure S30: 100 MHz spectrum of ¹³C-NMR of compound **10o** (DMSO-*d*₆)

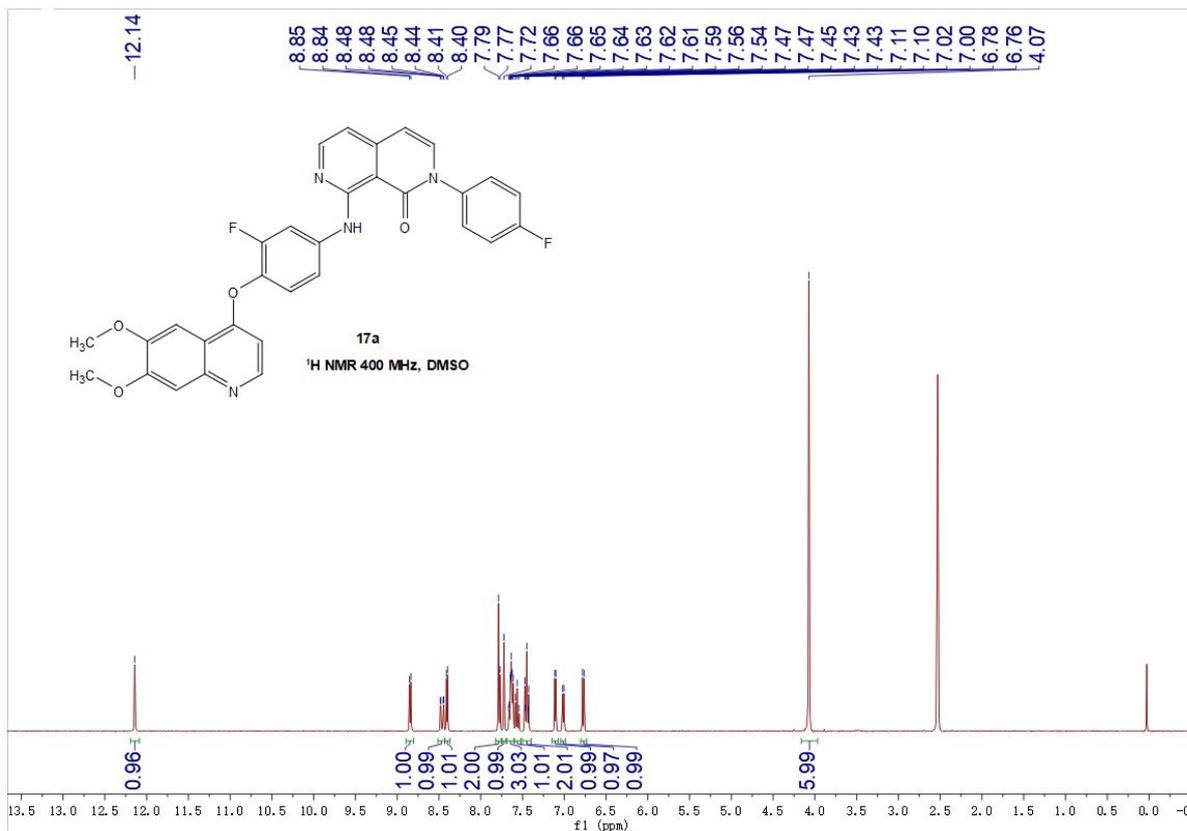


Figure S31: 400 MHz spectrum of ¹H-NMR of compound **17a** (DMSO-*d*₆)

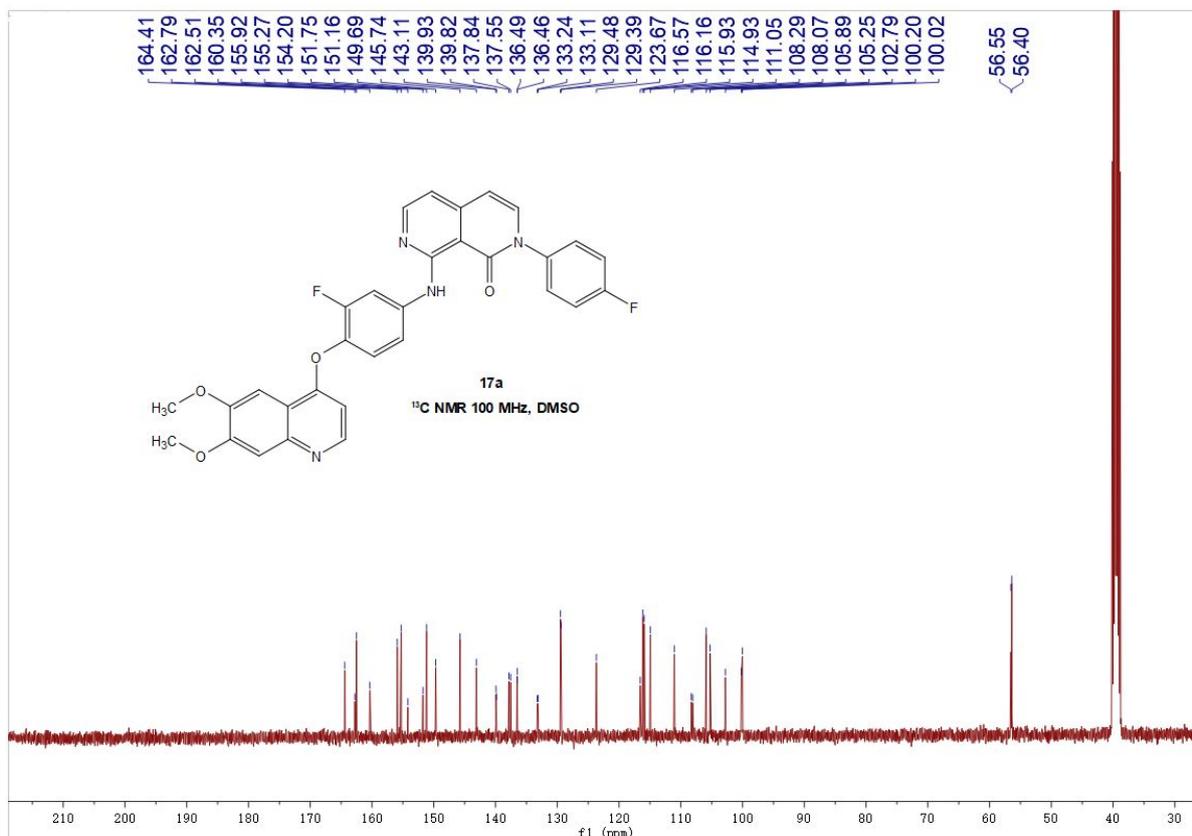


Figure S32: 100 MHz spectrum of ¹³C-NMR of compound **17a** (DMSO-*d*₆)

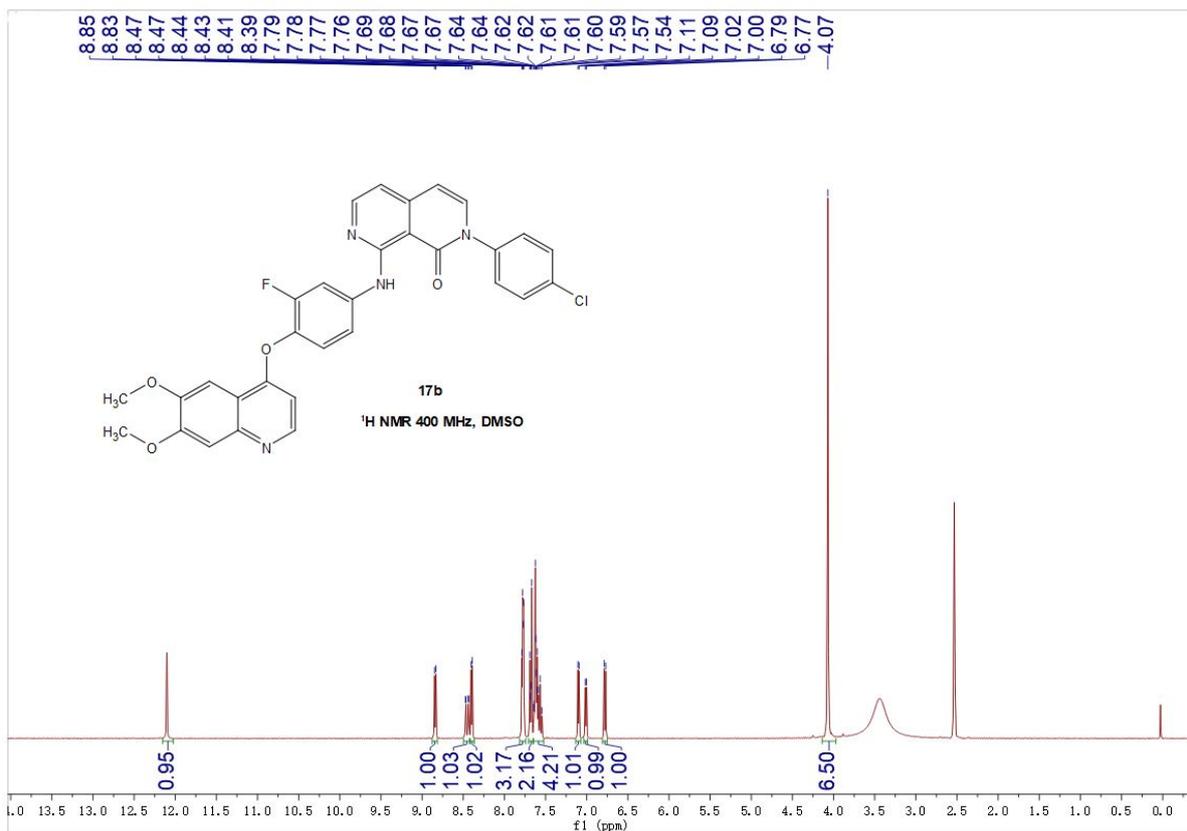


Figure S33: 400 MHz spectrum of $^1\text{H-NMR}$ of compound **17b** ($\text{DMSO-}d_6$)

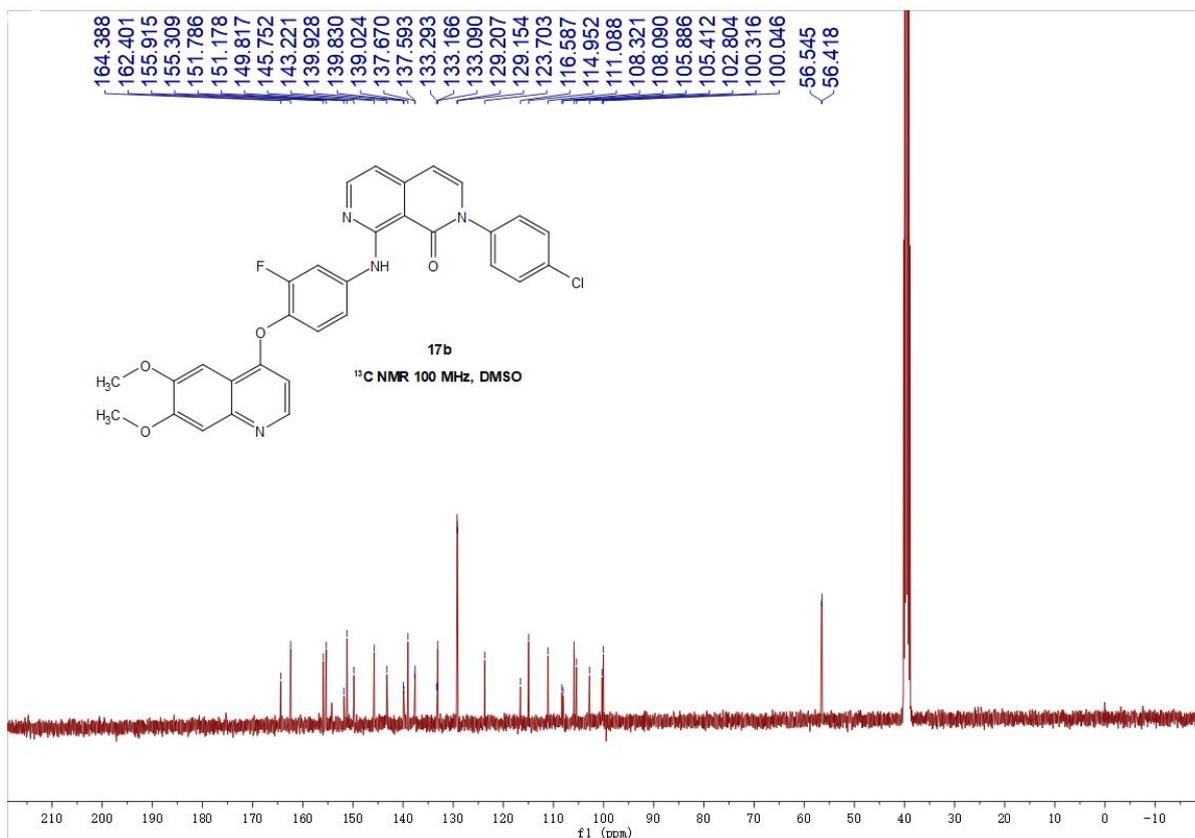


Figure S34: 100 MHz spectrum of $^{13}\text{C-NMR}$ of compound **17b** ($\text{DMSO-}d_6$)

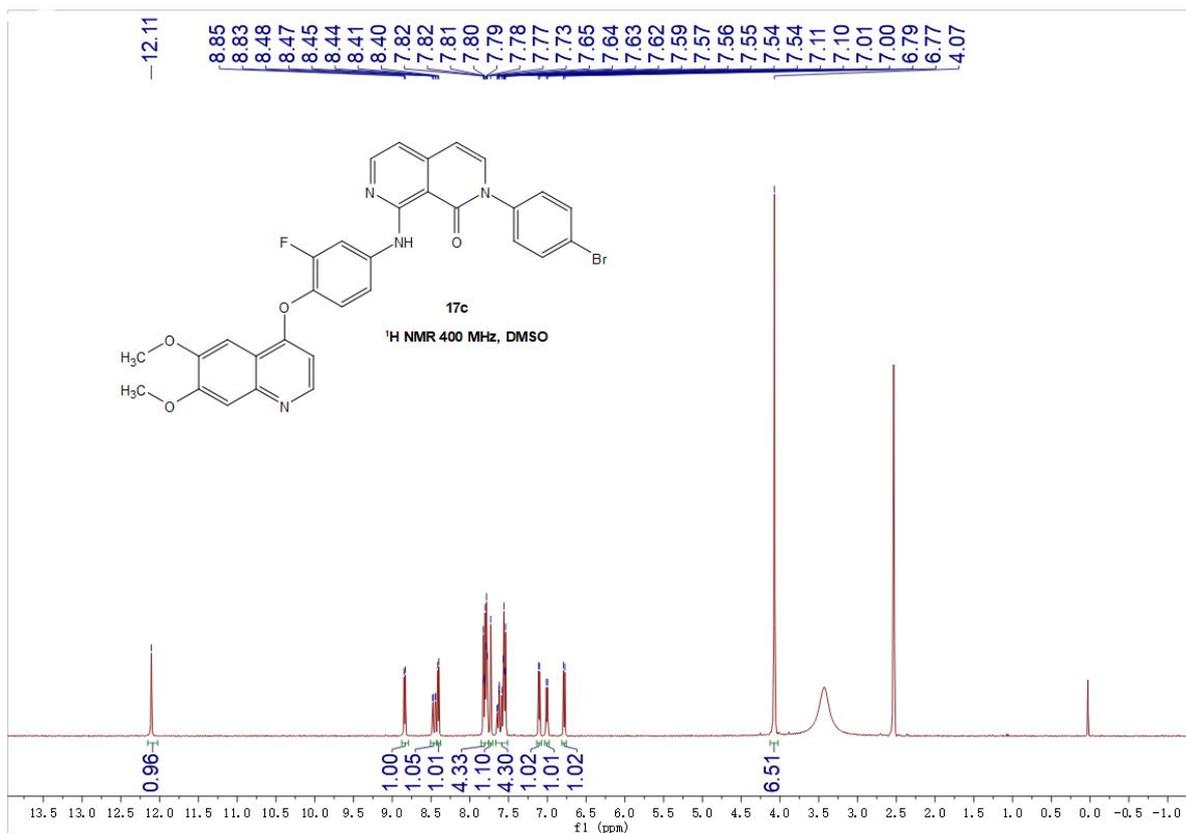


Figure S35: 400 MHz spectrum of ¹H-NMR of compound **17c** (DMSO-*d*₆)

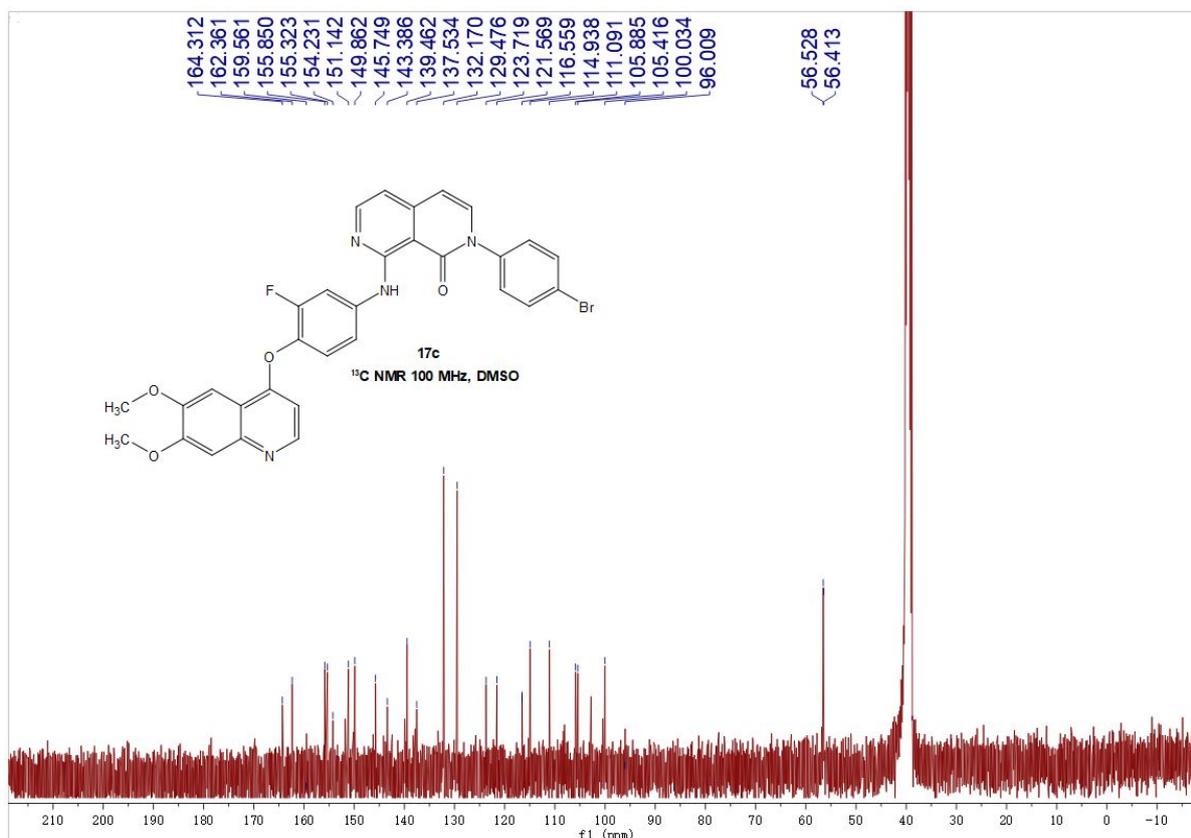


Figure S36: 100 MHz spectrum of ¹³C-NMR of compound **17c** (DMSO-*d*₆)

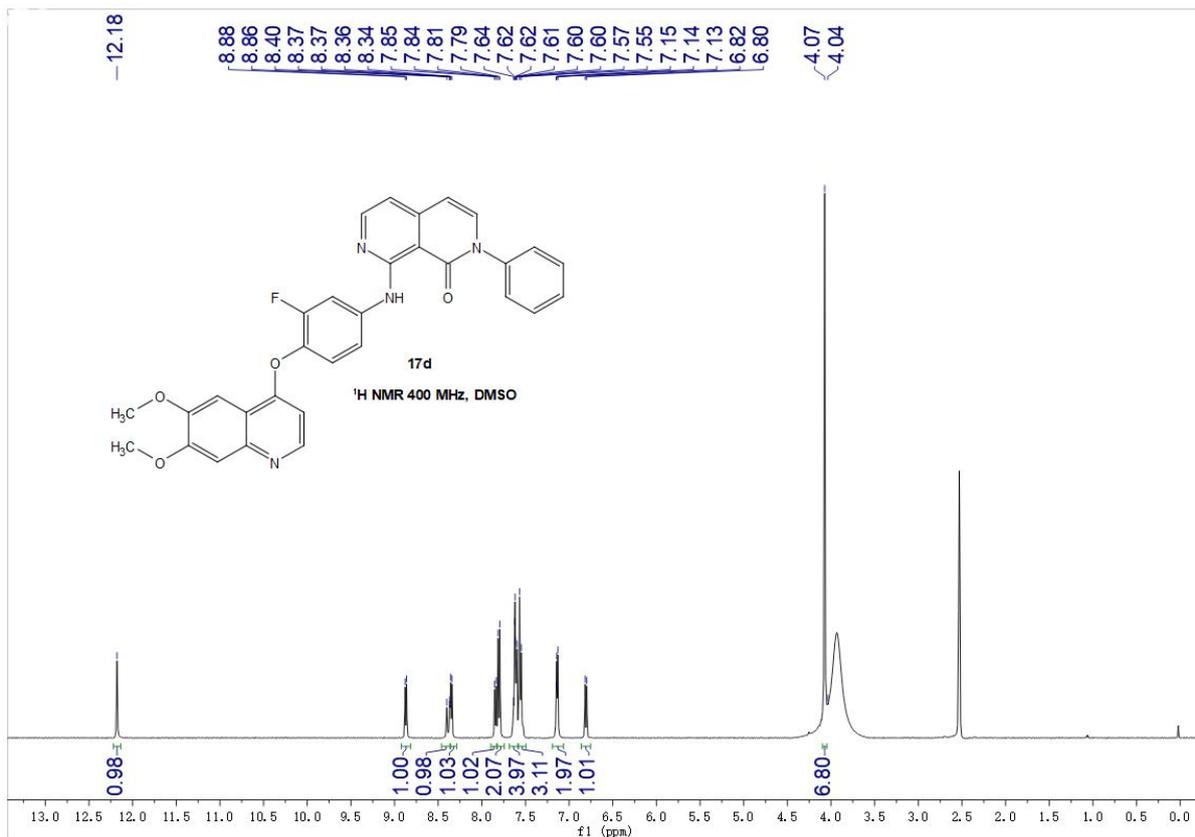


Figure S37: 400 MHz spectrum of ¹H-NMR of compound **17d** (DMSO-*d*₆)

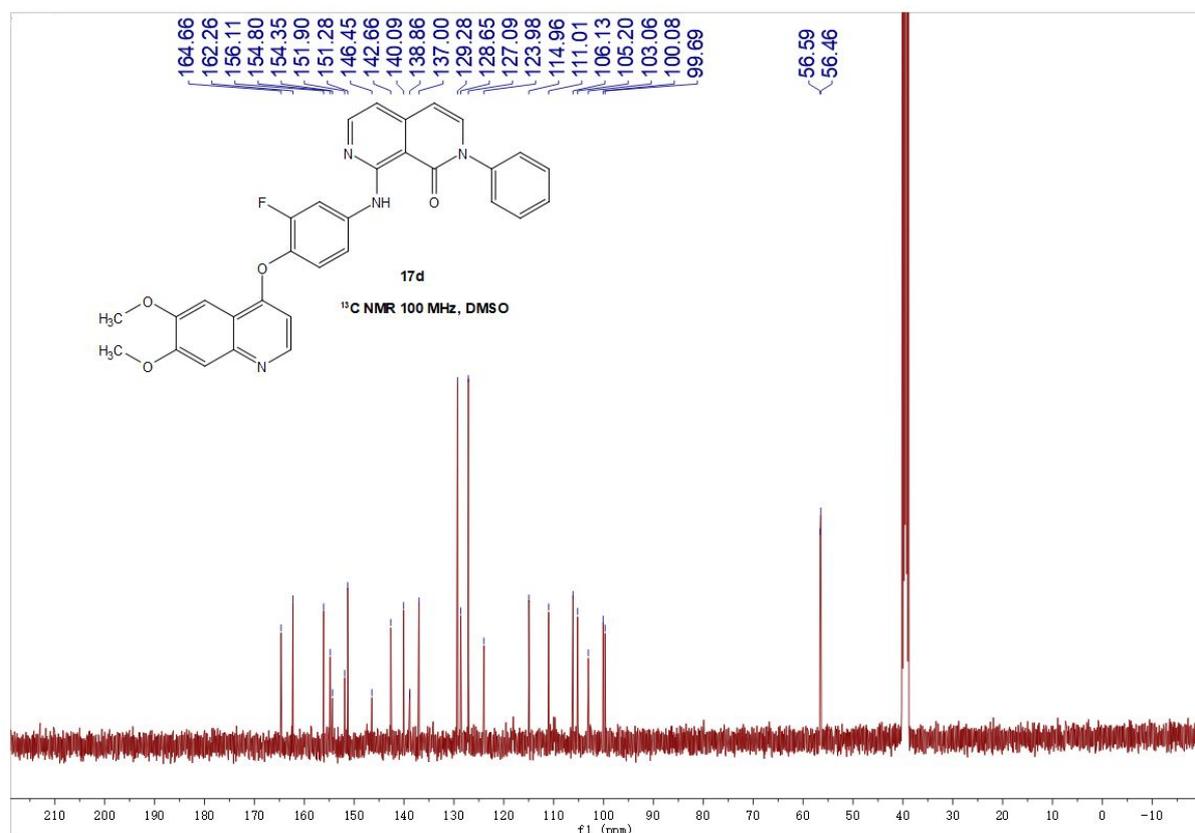


Figure S38: 100 MHz spectrum of ¹³C-NMR of compound **17d** (DMSO-*d*₆)

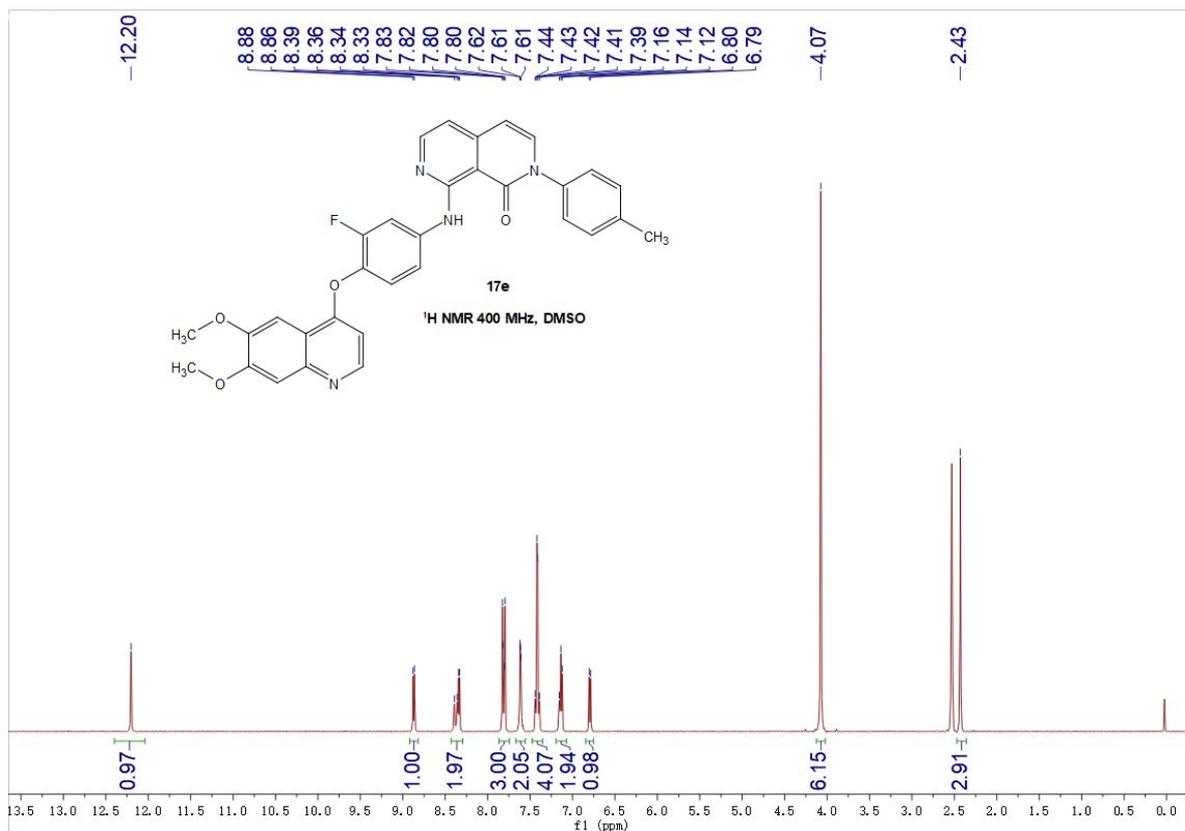


Figure S39: 400 MHz spectrum of ¹H-NMR of compound **17e** (DMSO-*d*₆)

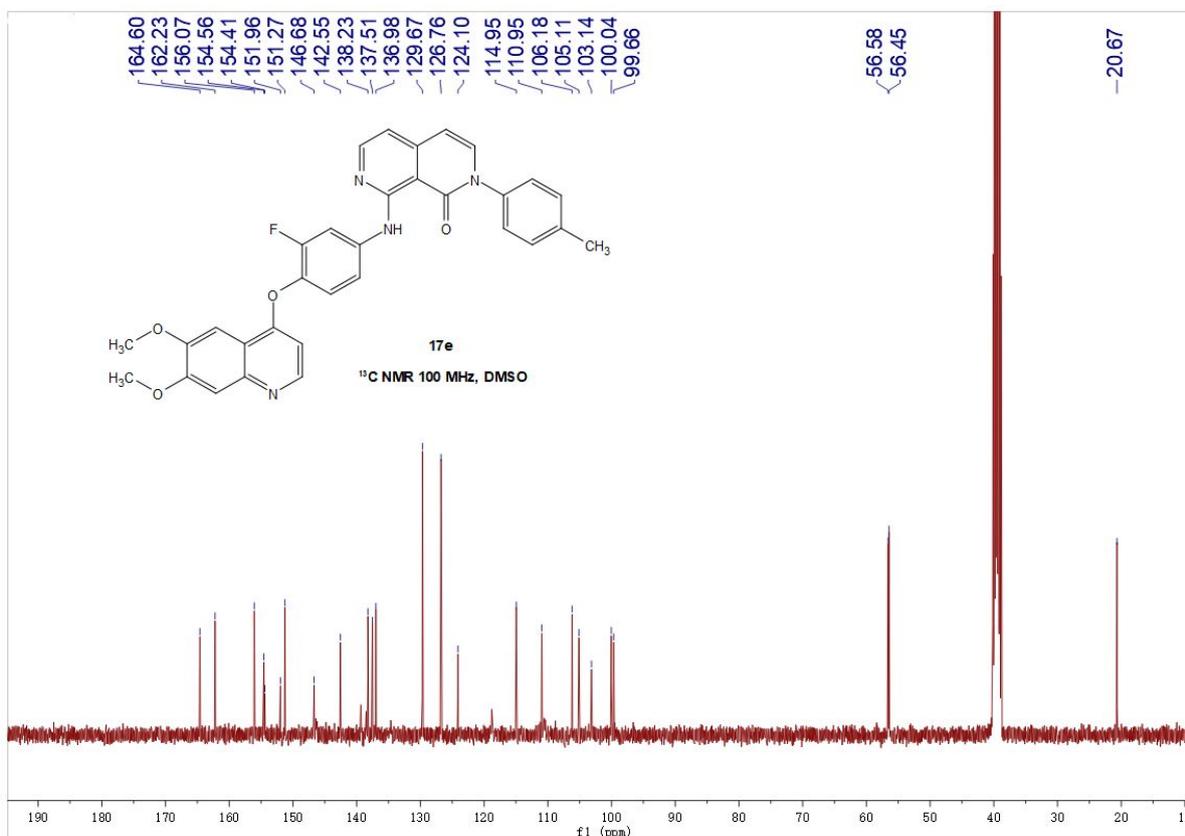


Figure S40: 100 MHz spectrum of ¹³C-NMR of compound **17e** (DMSO-*d*₆)

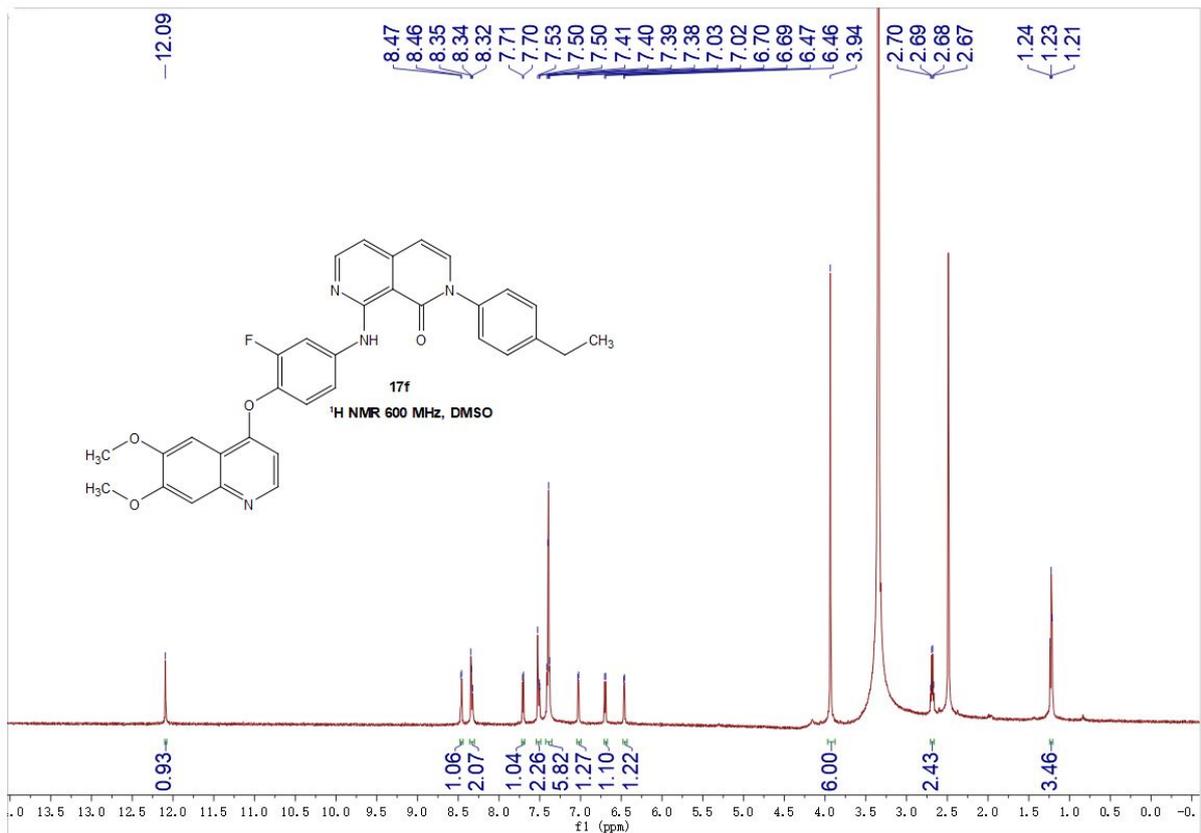


Figure S41: 600 MHz spectrum of ¹H-NMR of compound **17f** (DMSO-*d*₆)

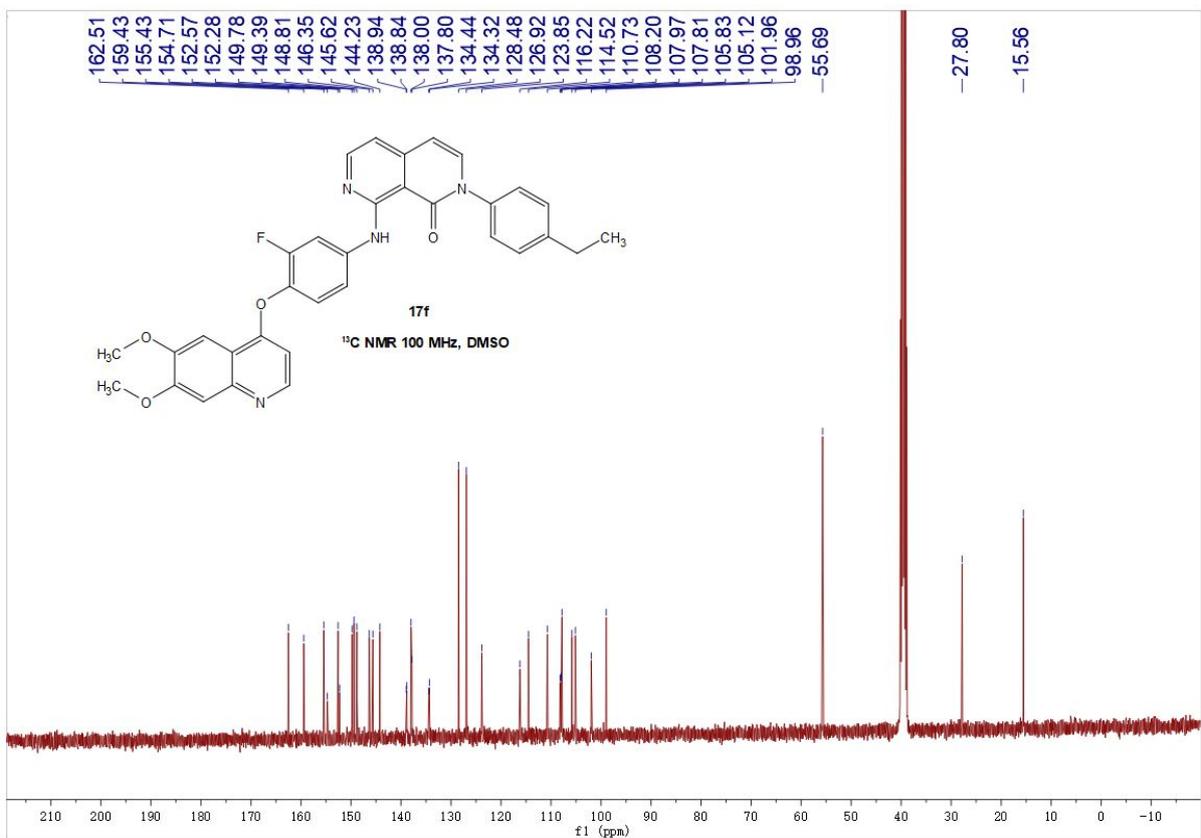


Figure S42: 100 MHz spectrum of ¹³C-NMR of compound **17f** (DMSO-*d*₆)

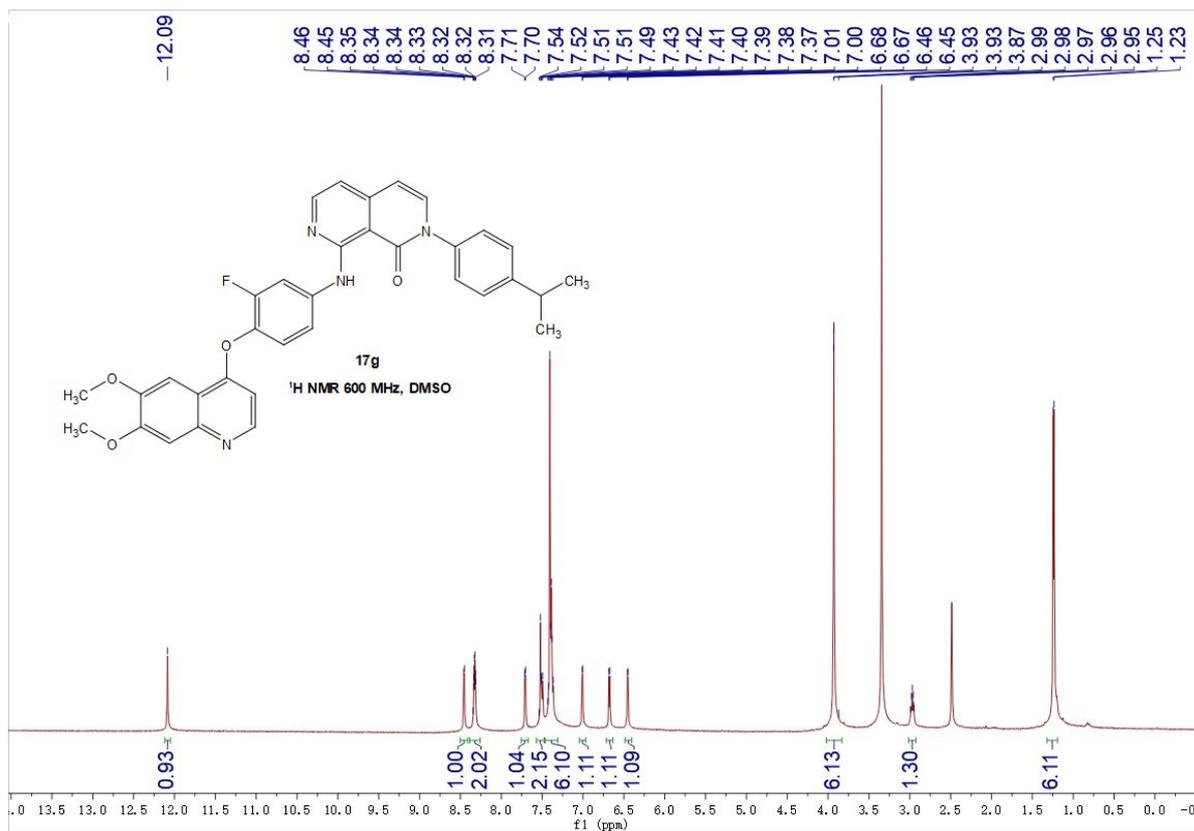


Figure S43: 600 MHz spectrum of ¹H-NMR of compound **17g** (DMSO-*d*₆)

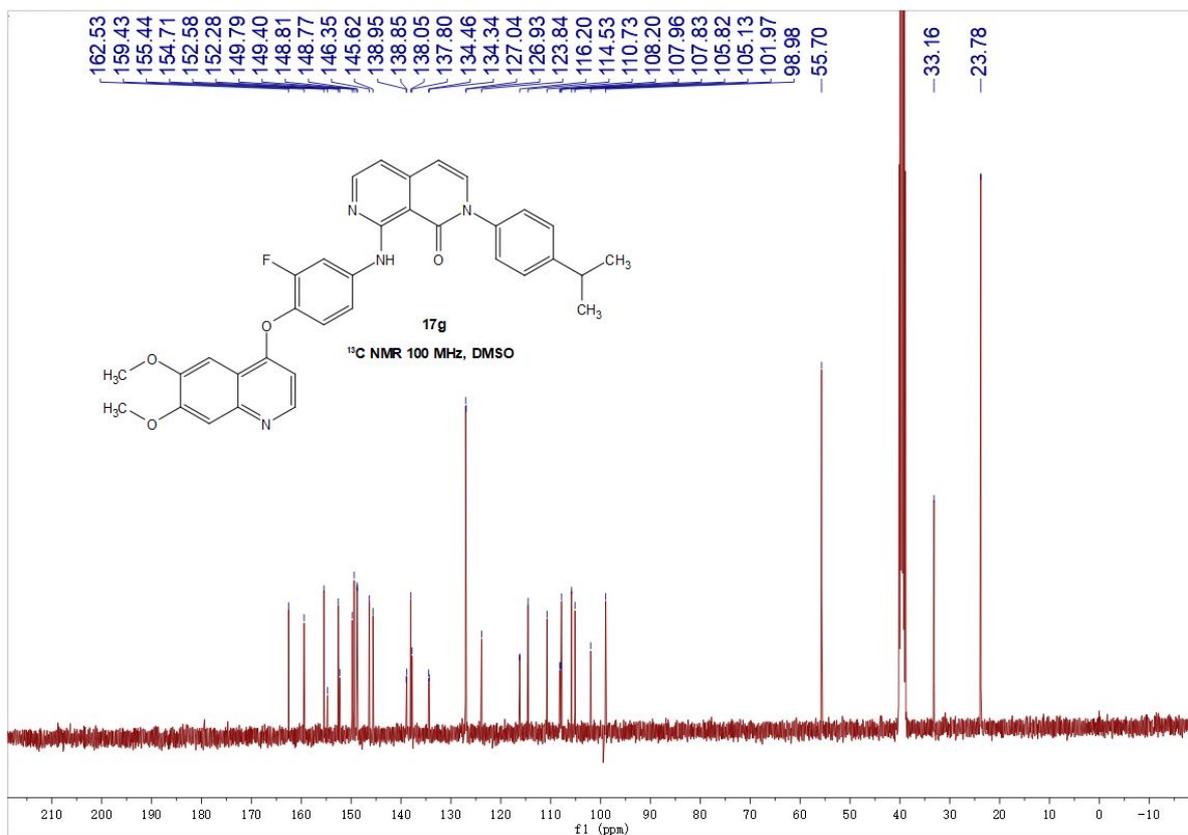


Figure S44: 100 MHz spectrum of ¹³C-NMR of compound **17g** (DMSO-*d*₆)

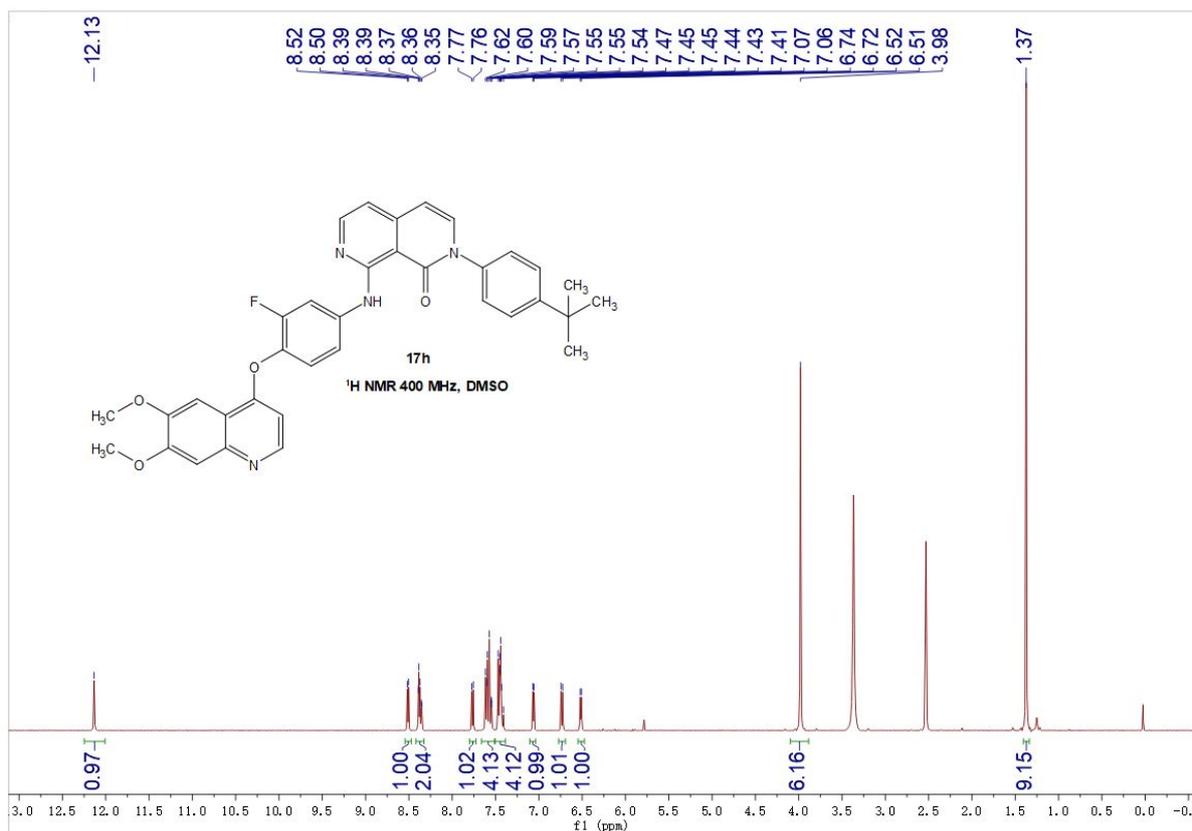


Figure S45: 400 MHz spectrum of ¹H-NMR of compound **17h** (DMSO-*d*₆)

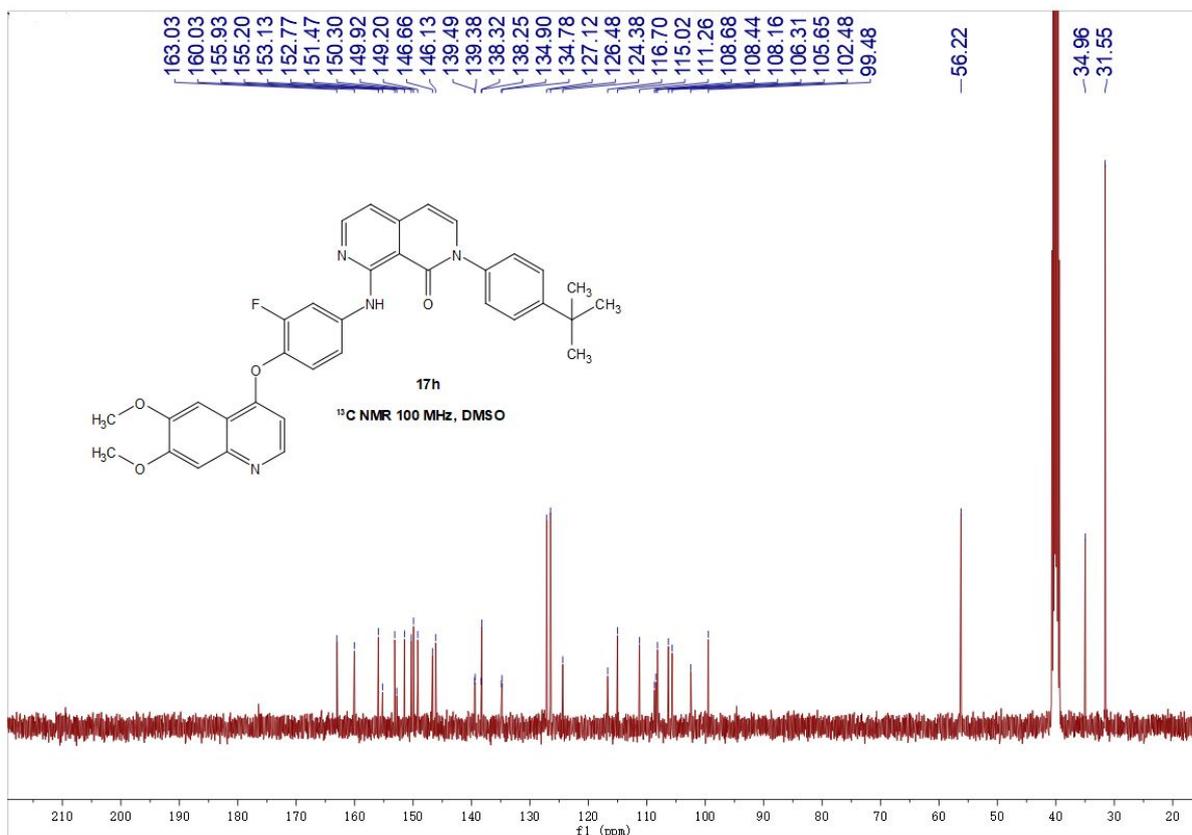


Figure S46: 100 MHz spectrum of ¹³C-NMR of compound **17h** (DMSO-*d*₆)

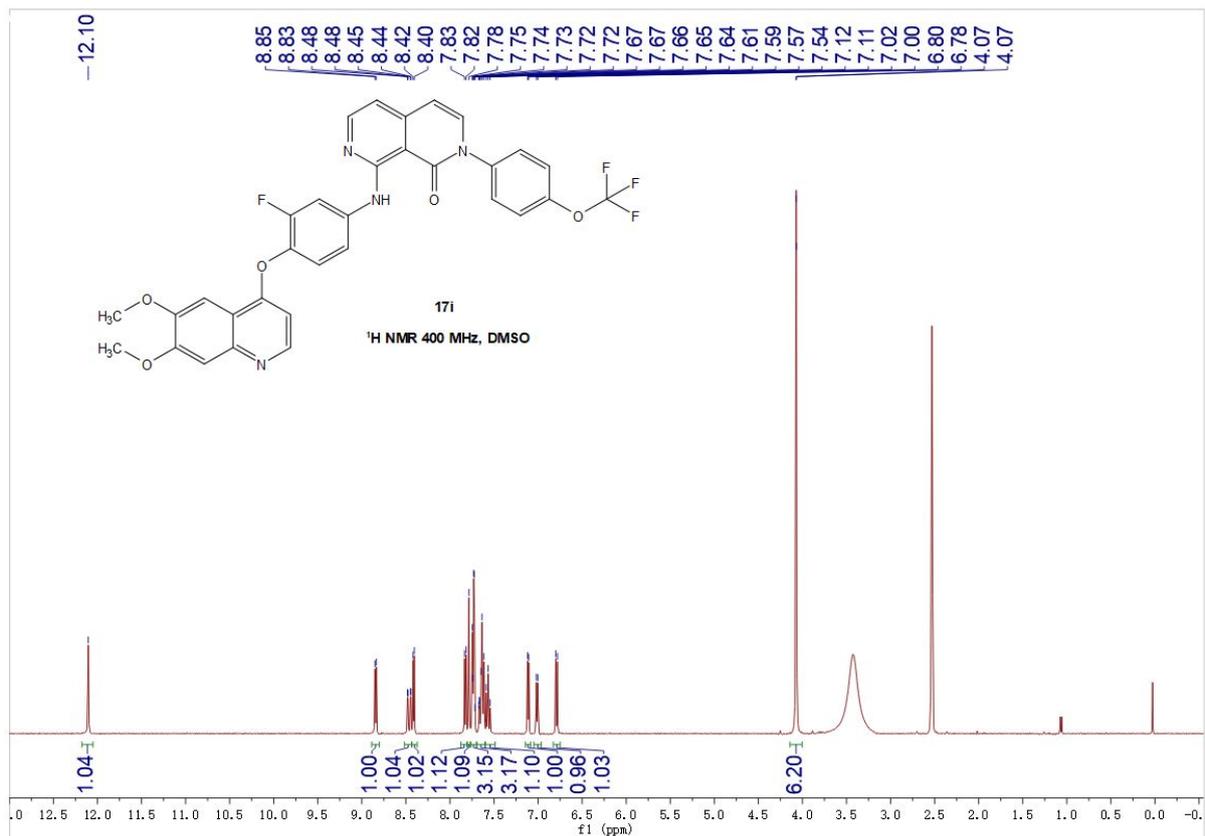


Figure S47: 400 MHz spectrum of ¹H-NMR of compound **17i** (DMSO-*d*₆)

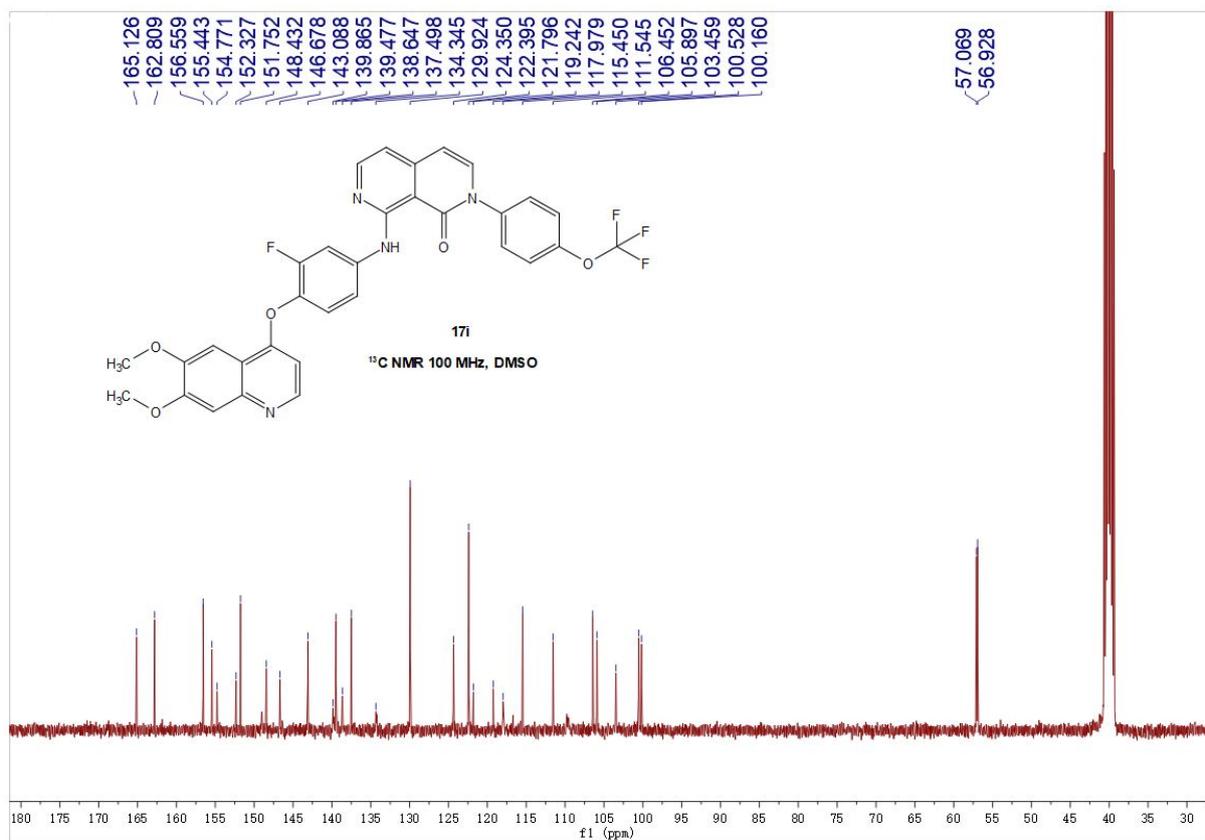


Figure S48: 100 MHz spectrum of ¹³C-NMR of compound **17i** (DMSO-*d*₆)

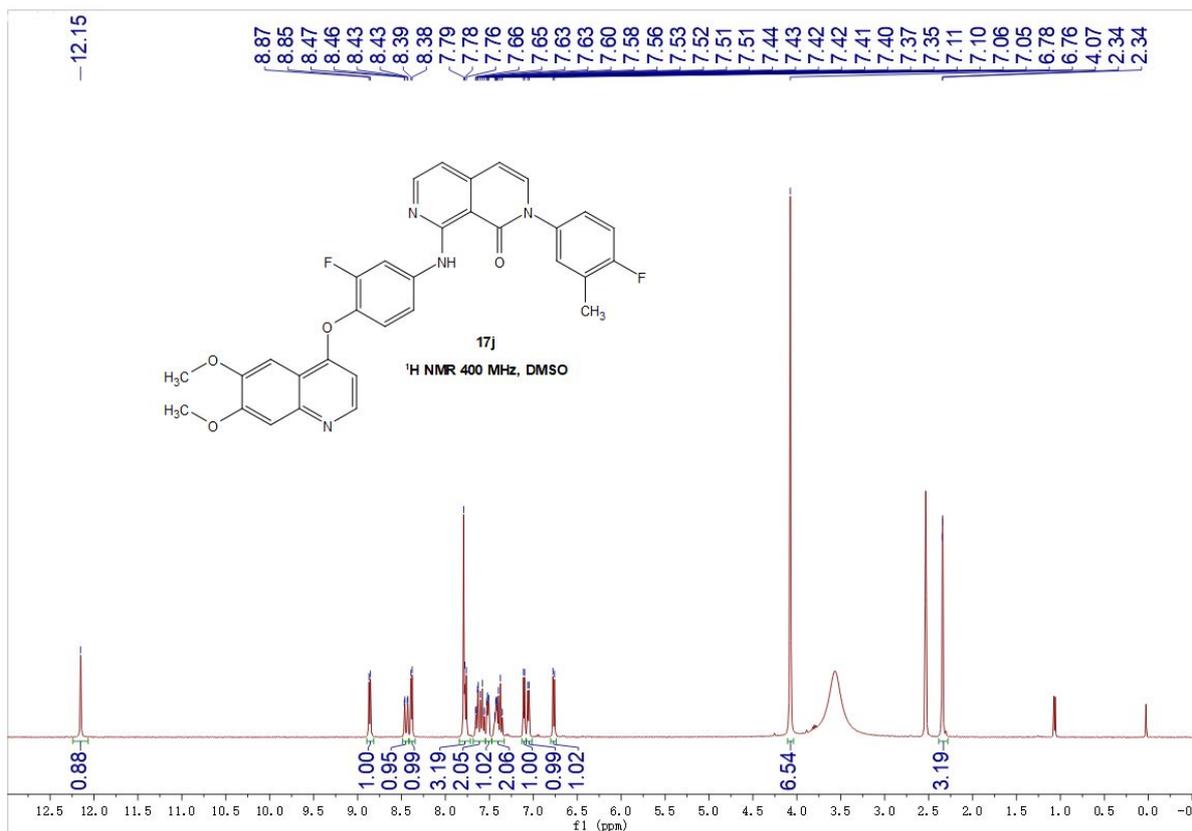


Figure S49: 400 MHz spectrum of ¹H-NMR of compound **17j** (DMSO-*d*₆)

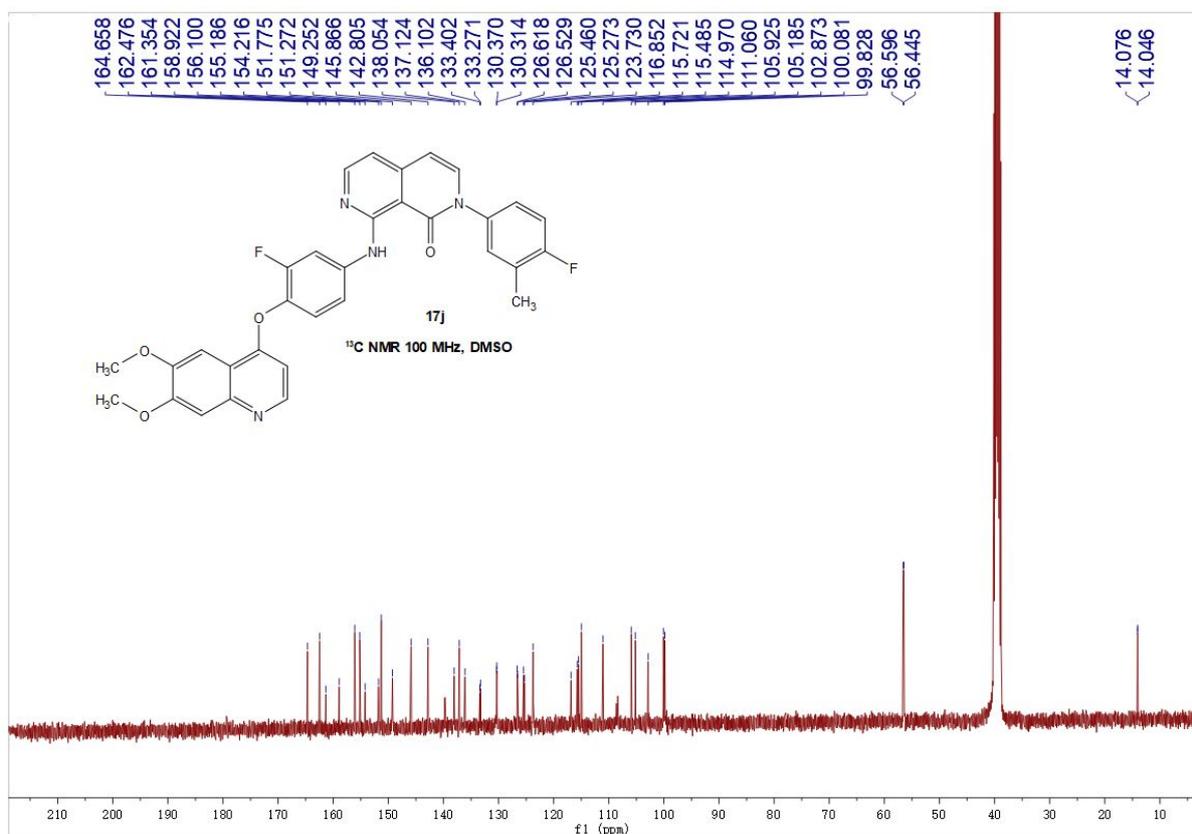


Figure S50: 100 MHz spectrum of ¹³C-NMR of compound **17j** (DMSO-*d*₆)

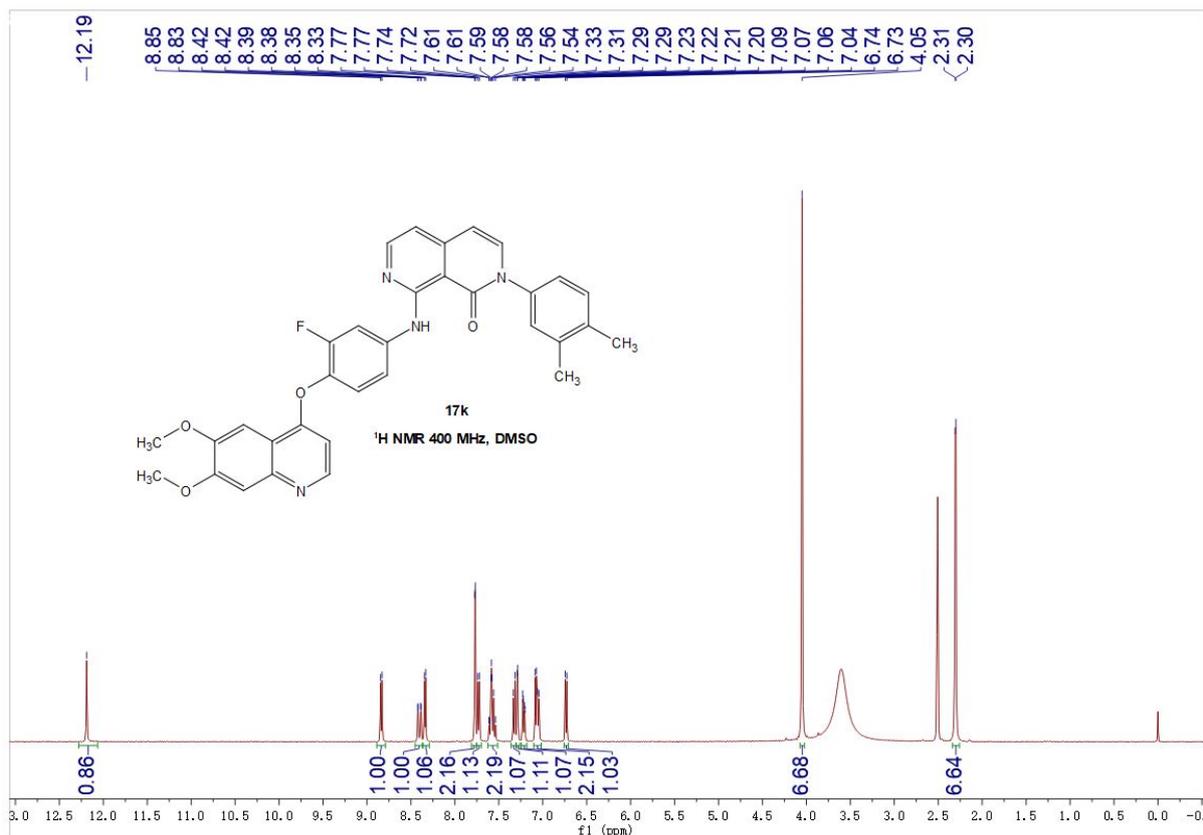


Figure S51: 400 MHz spectrum of ¹H-NMR of compound **17k** (DMSO-*d*₆)

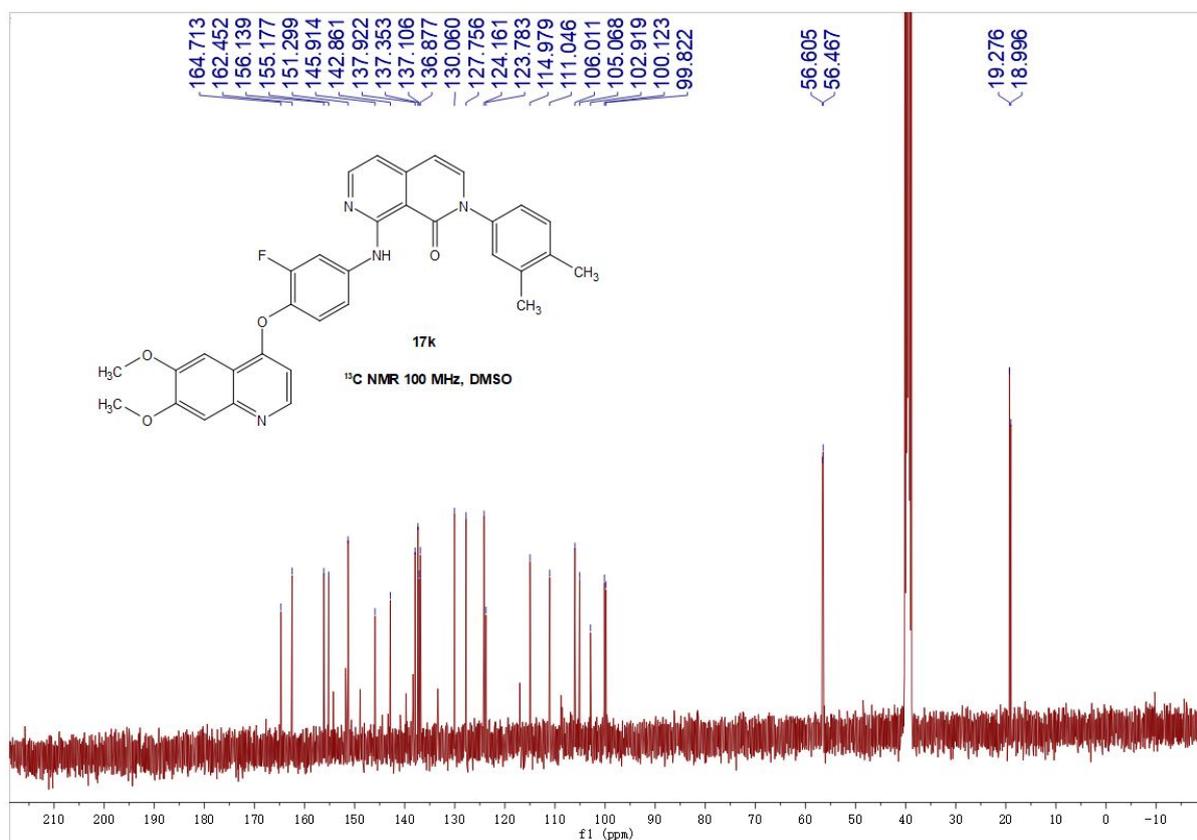


Figure S52: 100 MHz spectrum of ¹³C-NMR of compound **17k** (DMSO-*d*₆)