

1. ^1H and ^{13}C nuclear magnetic resonance (NMR) spectroscopy of target compounds

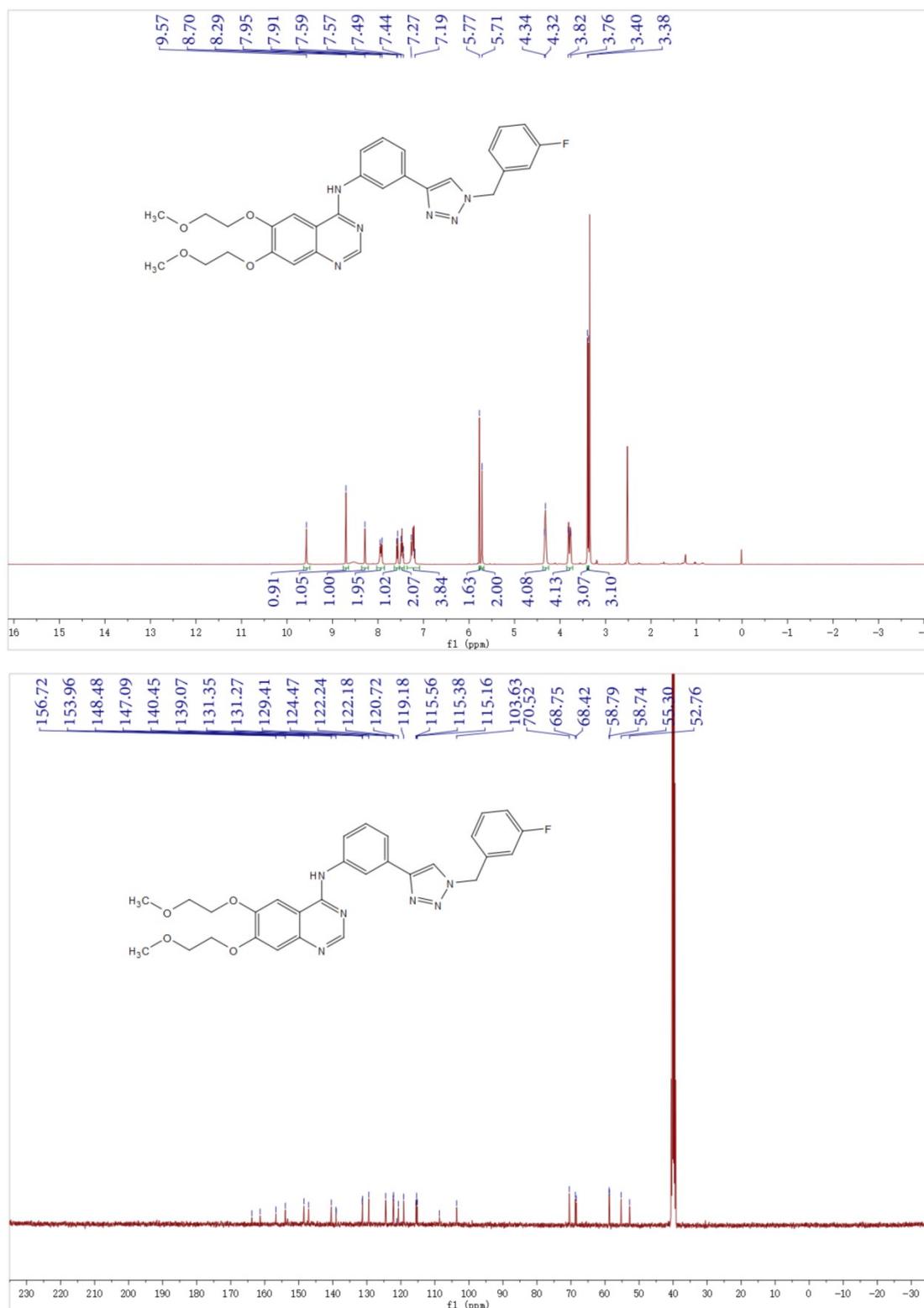


Figure S1. ^1H NMR and ^{13}C NMR spectra of compound 3a

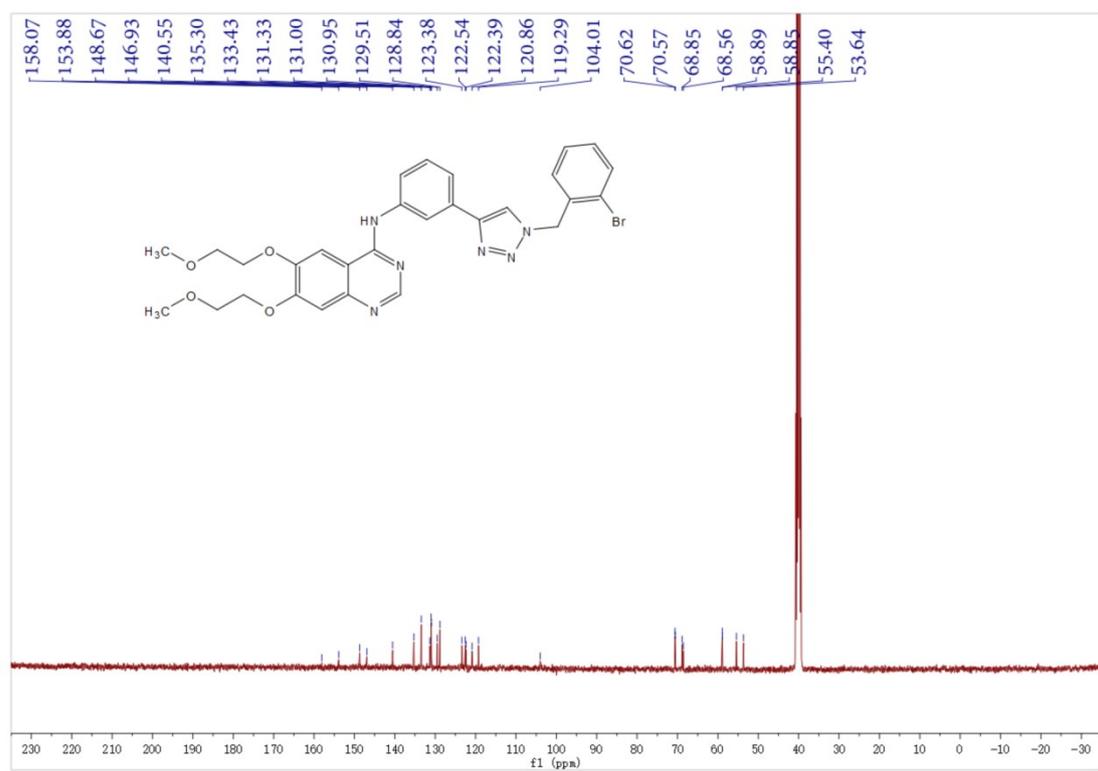
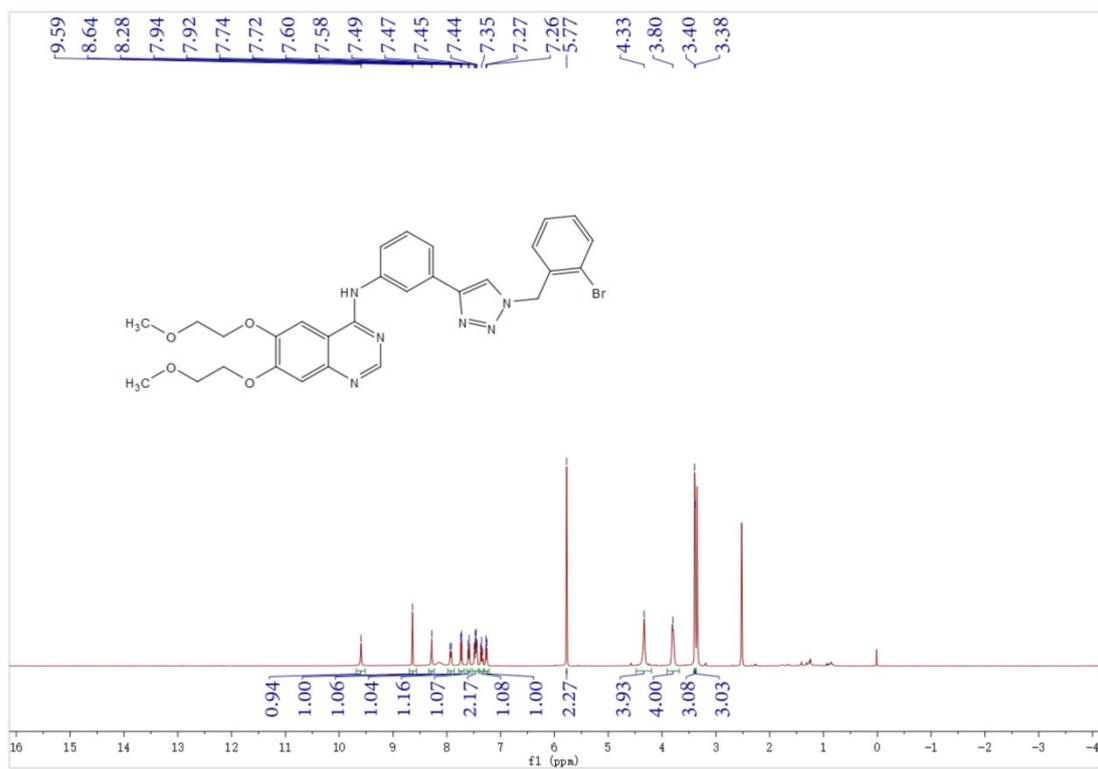


Figure S2. ¹H NMR and ¹³C NMR spectra of compound 3b

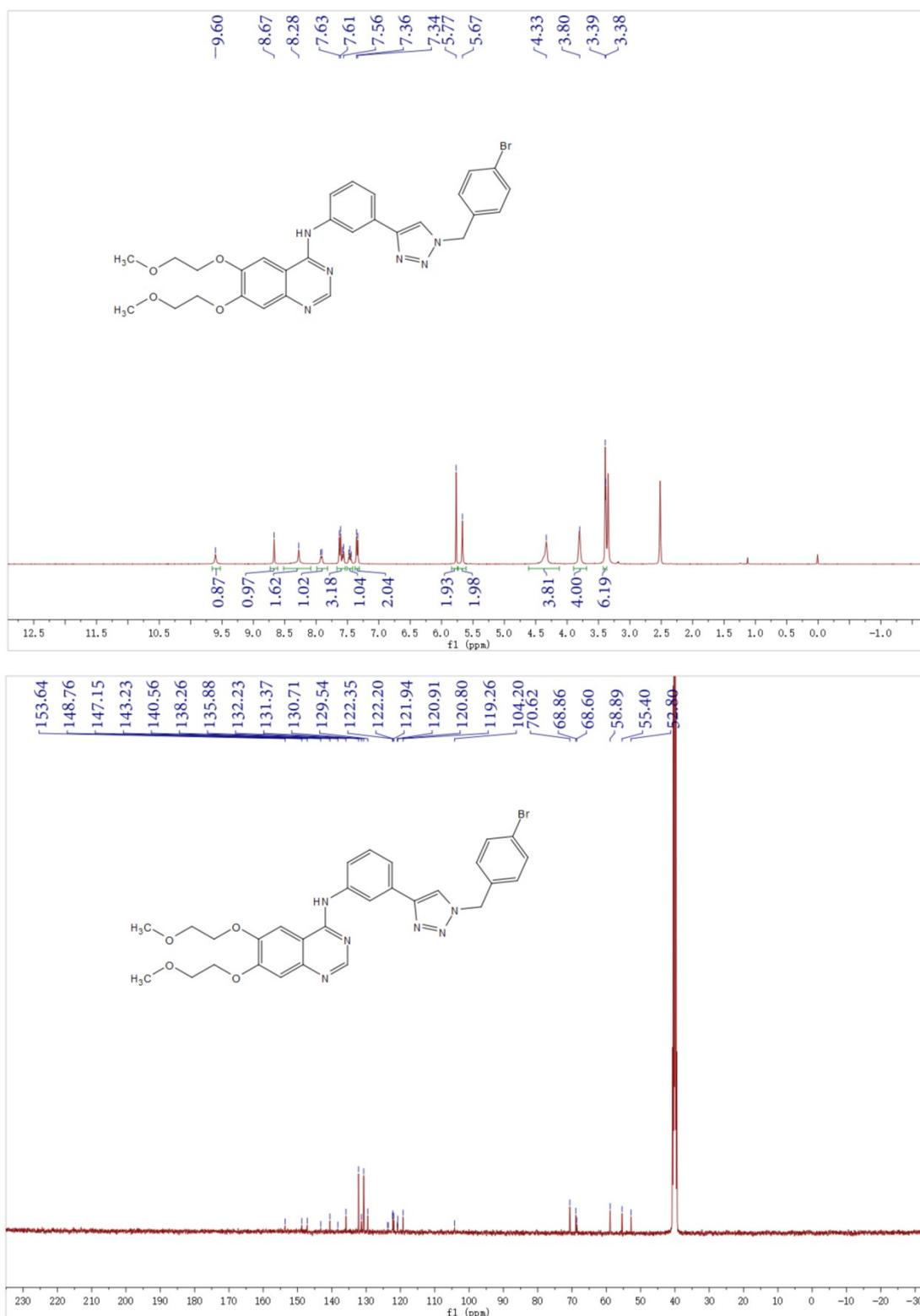


Figure S3. ^1H NMR and ^{13}C NMR spectra of compound 3c

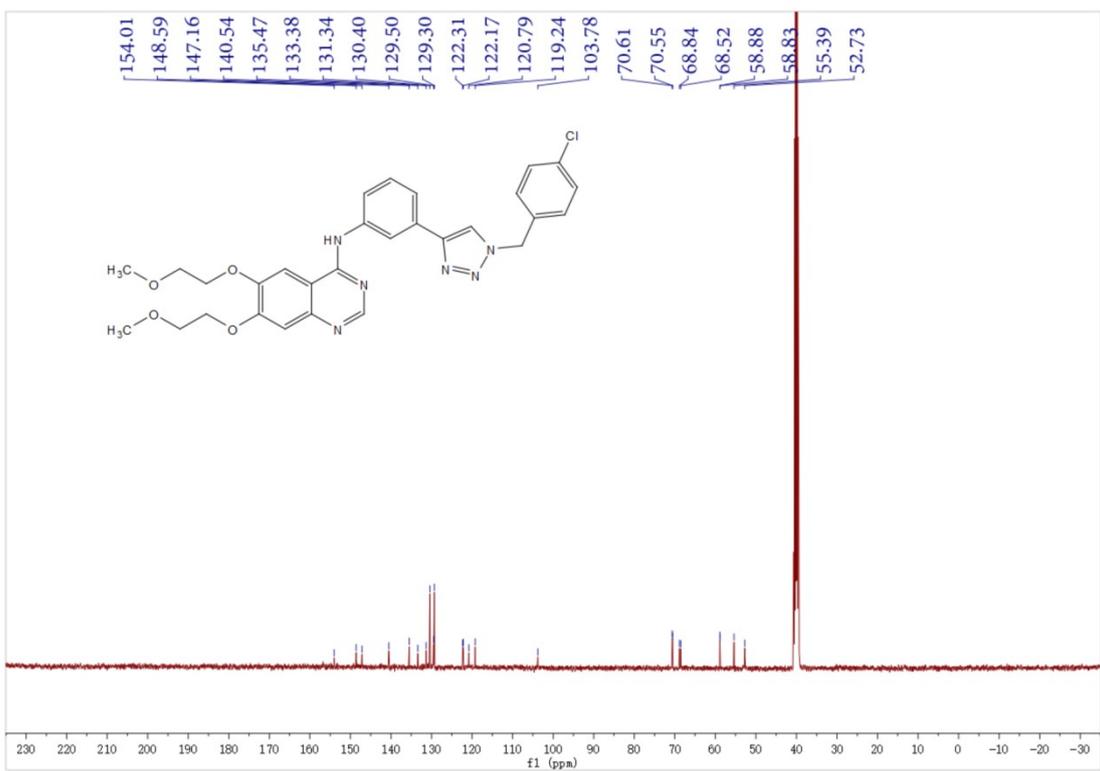
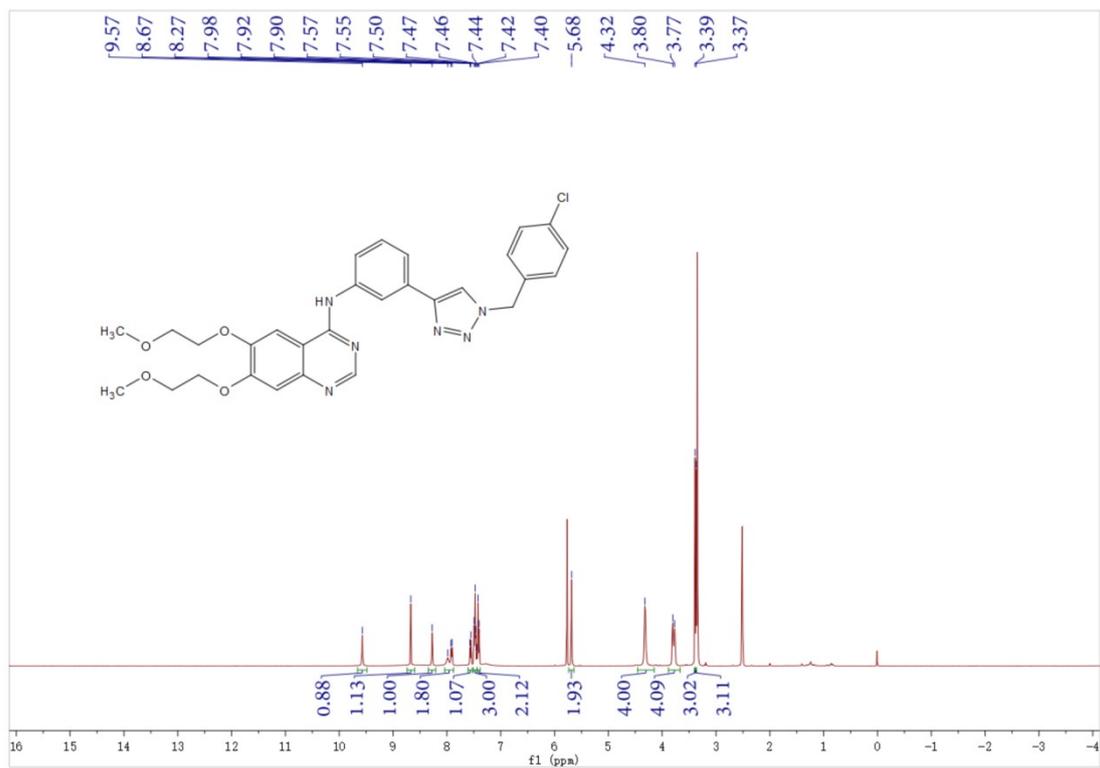


Figure S4. ^1H NMR and ^{13}C NMR spectra of compound 3d

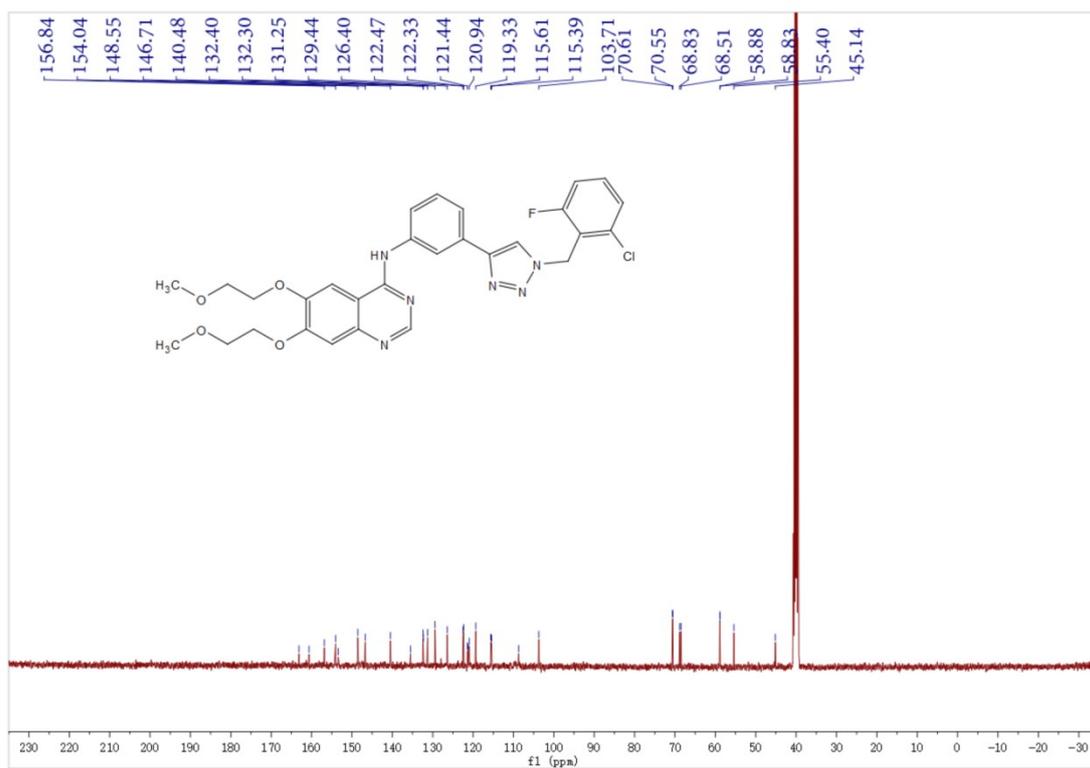
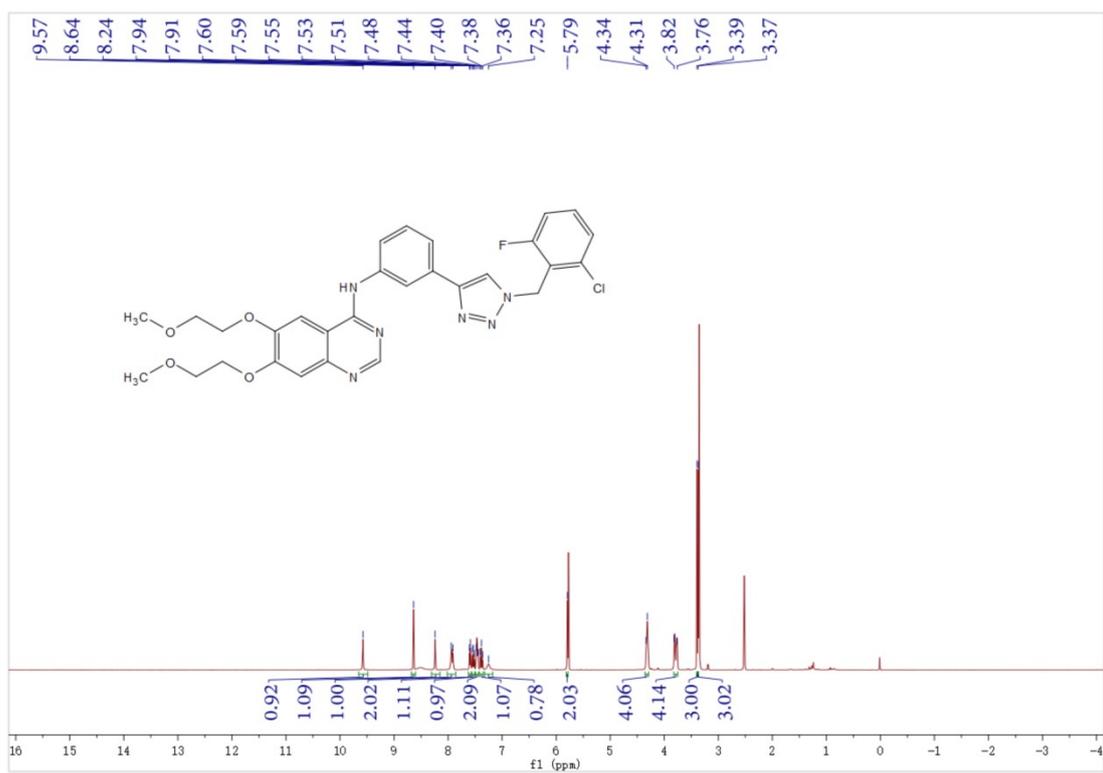


Figure S5. ¹H NMR and ¹³C NMR spectra of compound 3e

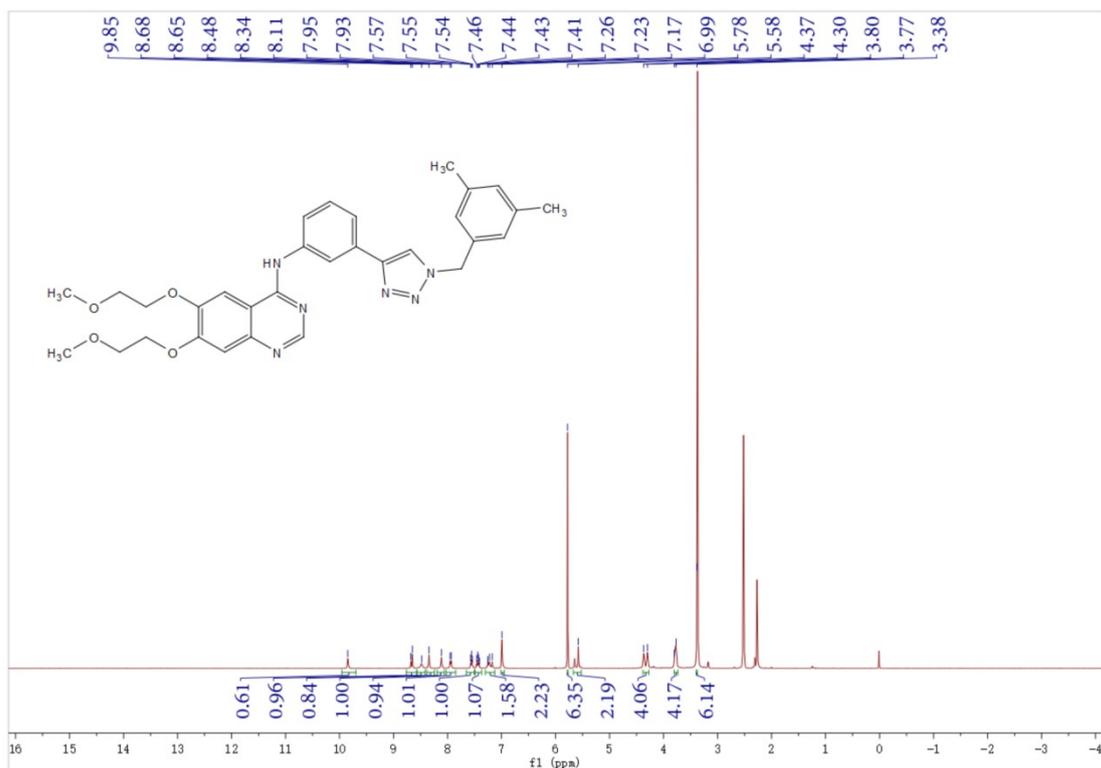


Figure S6. ^1H NMR spectra of compound 3f

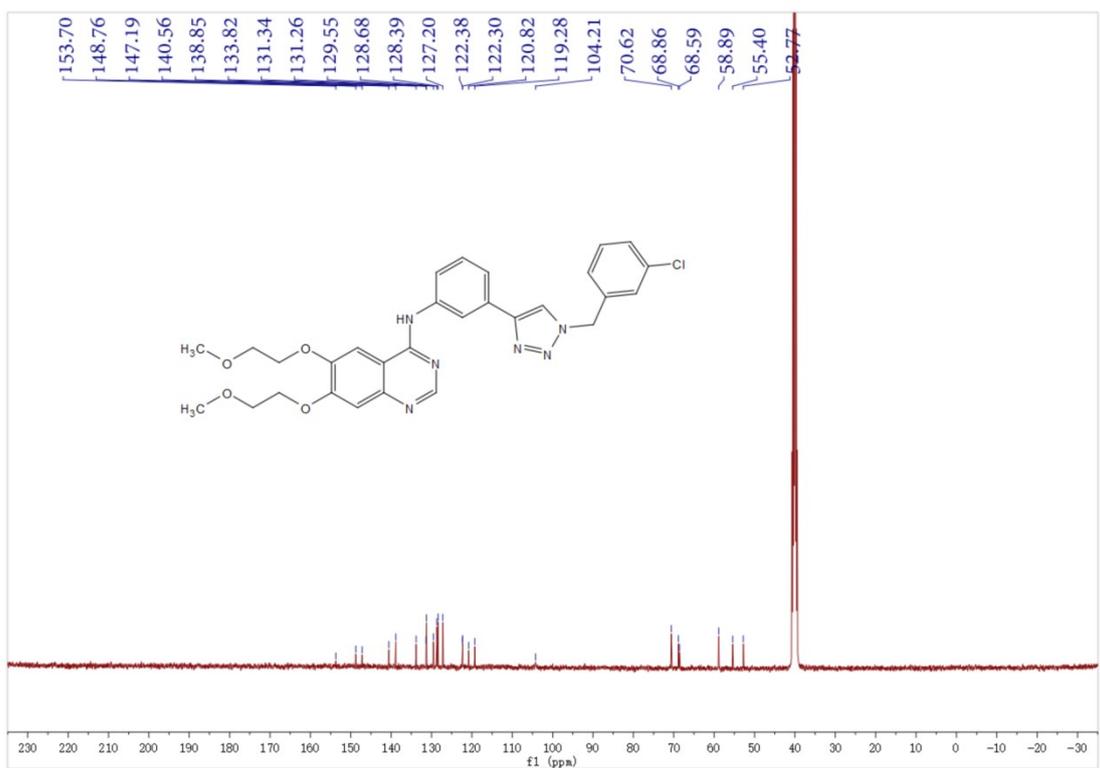
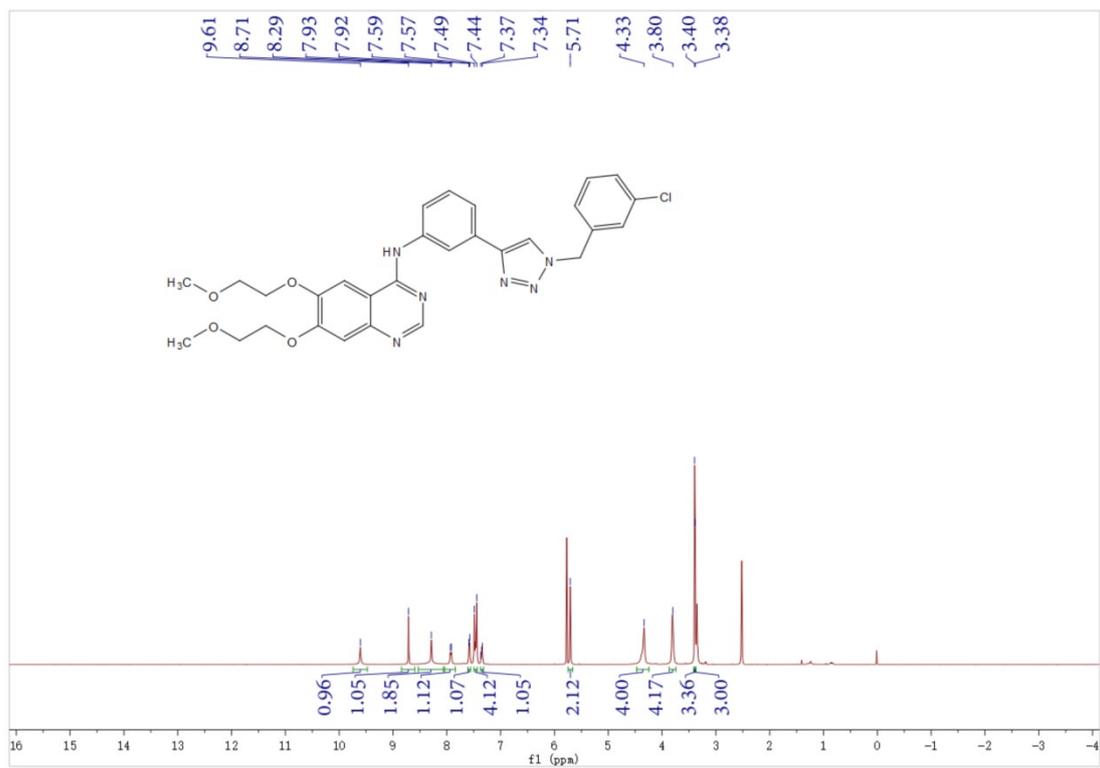


Figure S7. ¹H NMR and ¹³C NMR spectra of compound 3g

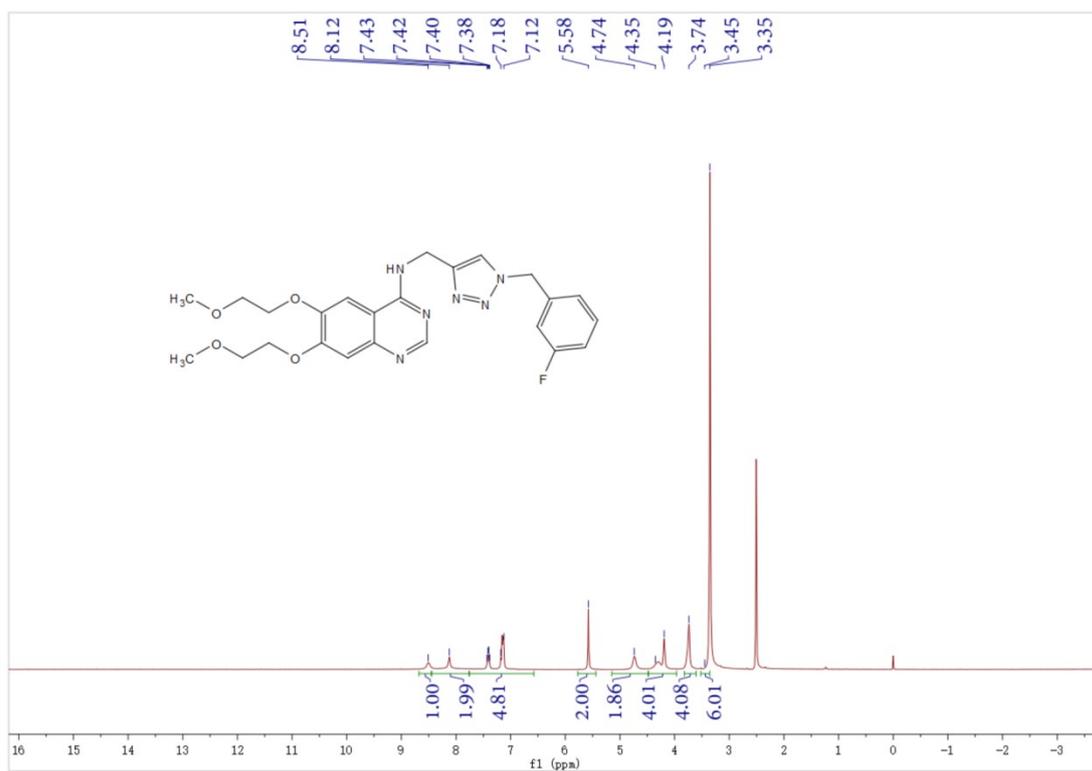


Figure S8. ^1H NMR and ^{19}F NMR spectra of compound 5a

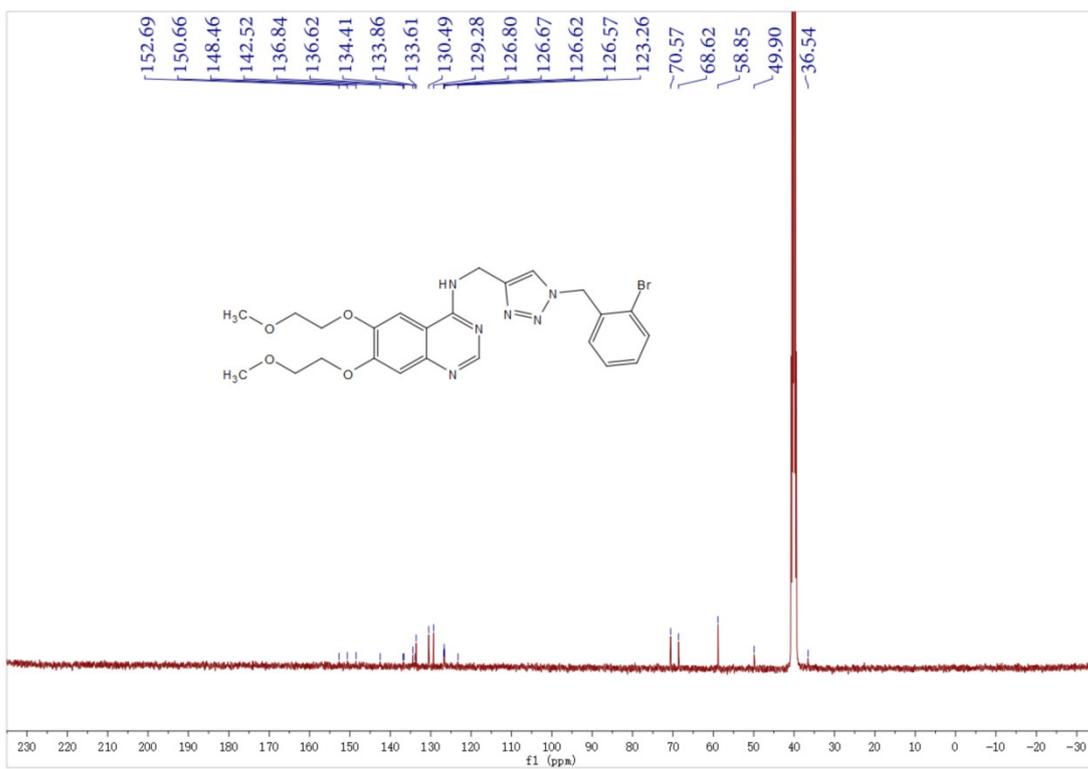
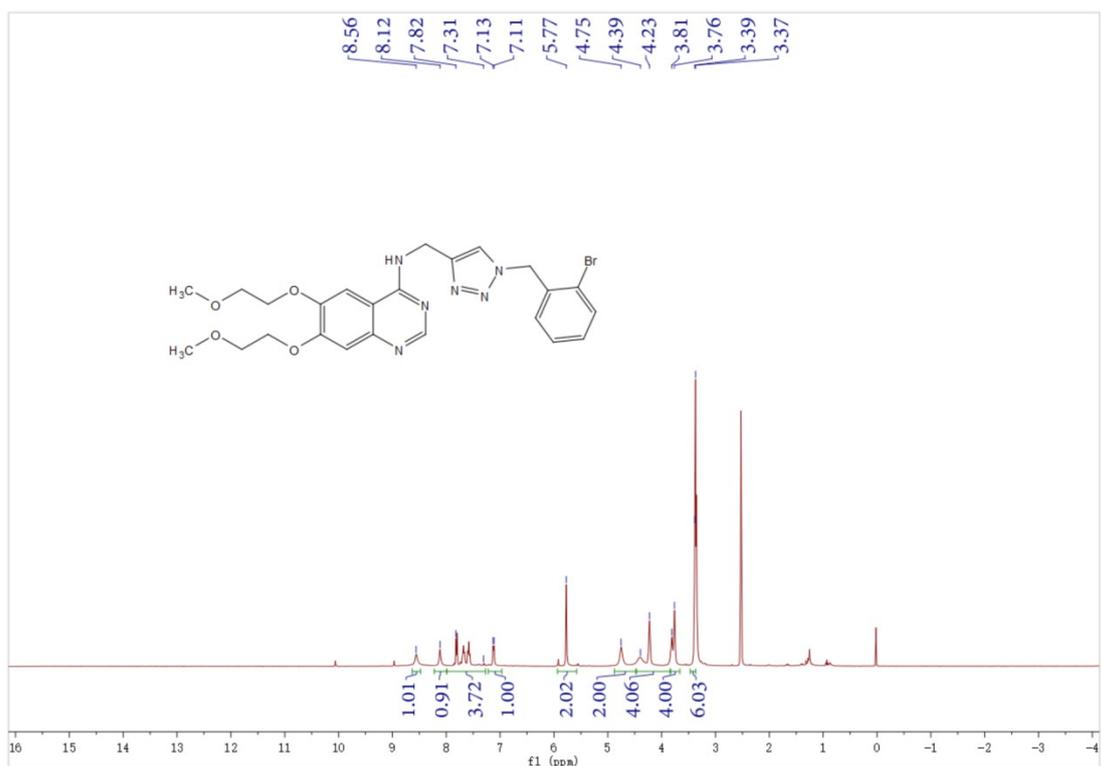


Figure S9. ¹H NMR and ¹³C NMR spectra of compound 5b

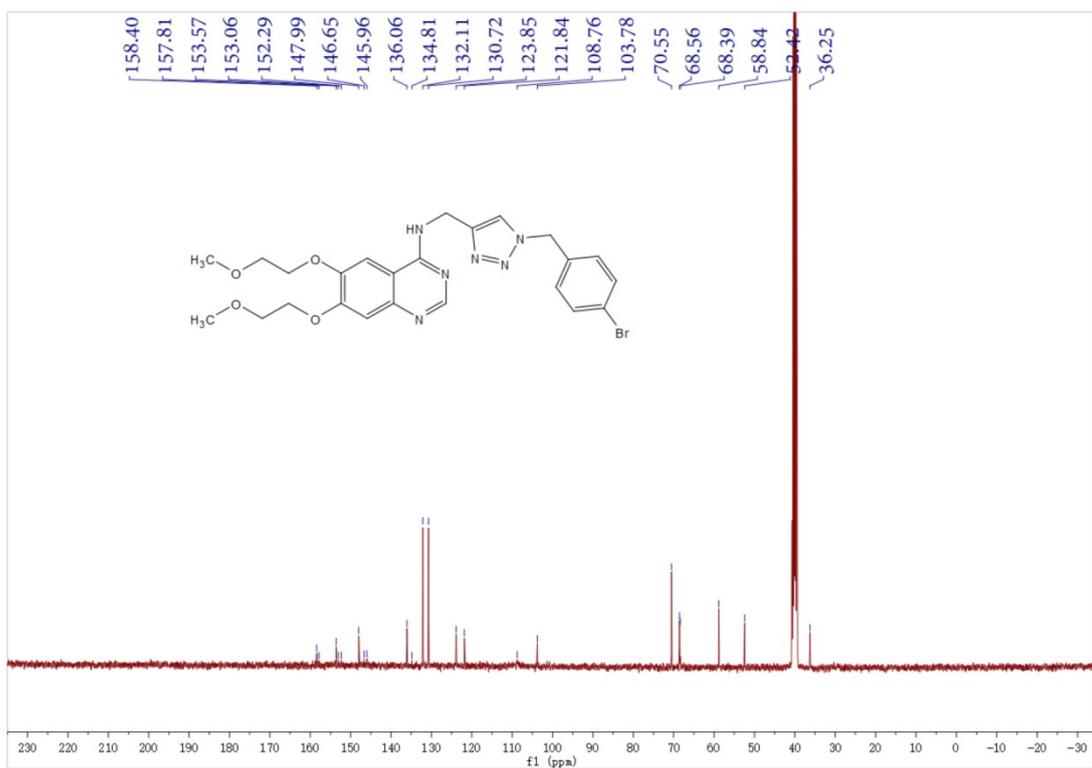
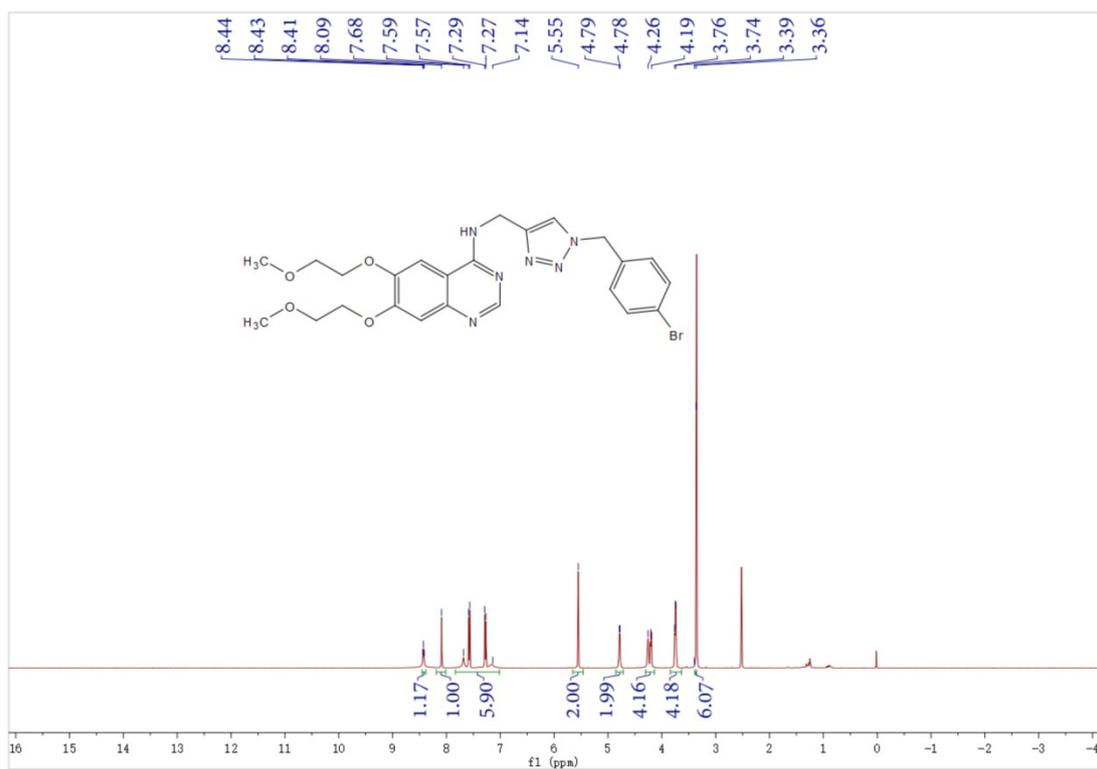


Figure S10. ¹H NMR and ¹³C NMR spectra of compound 5c

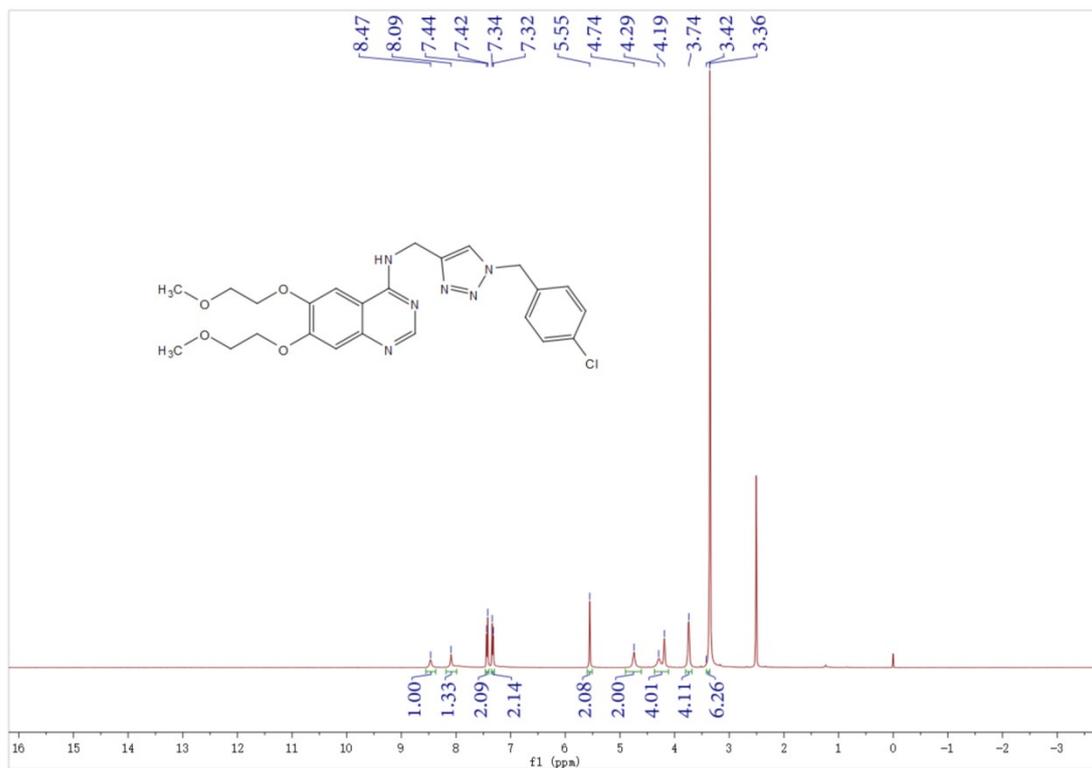


Figure S11. ^1H NMR spectra of compound 5d

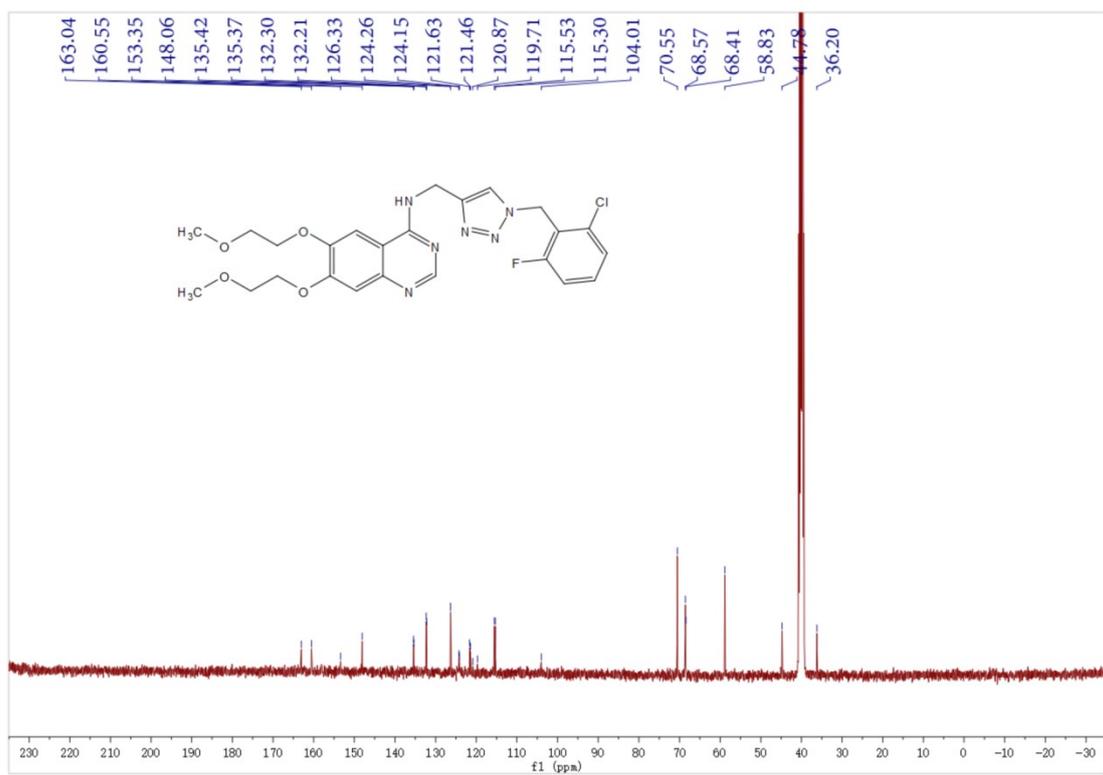
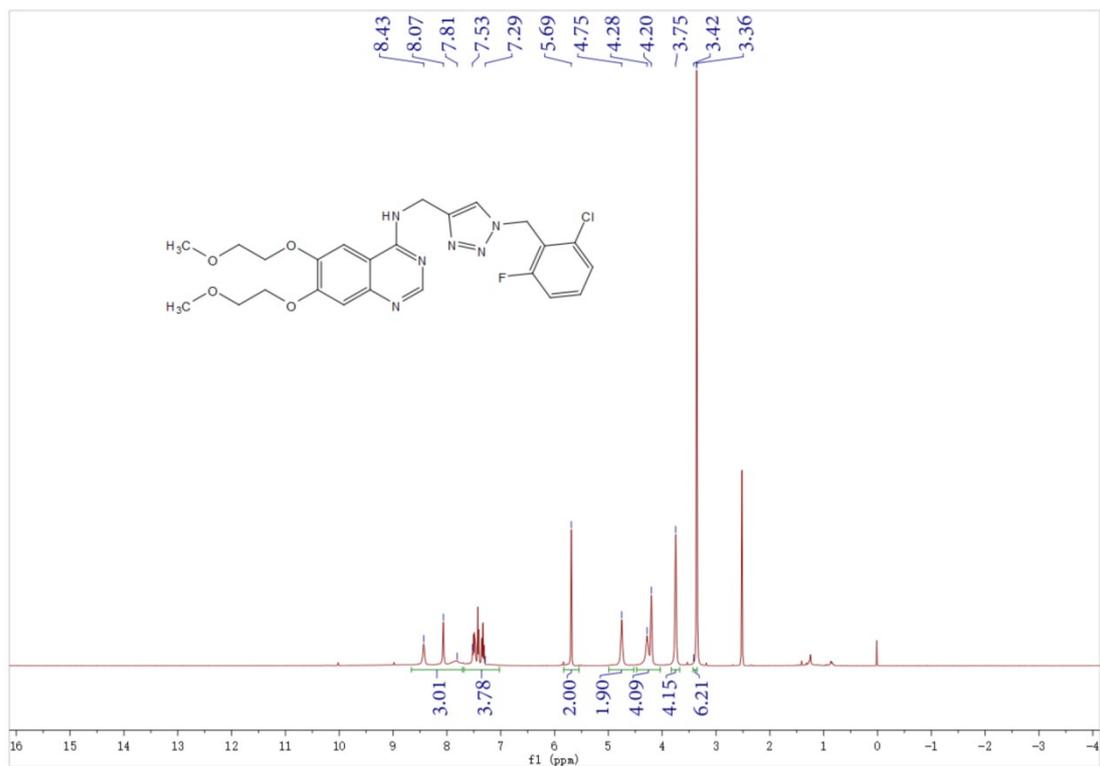


Figure S12. ¹H NMR and ¹³C NMR spectra of compound 5e

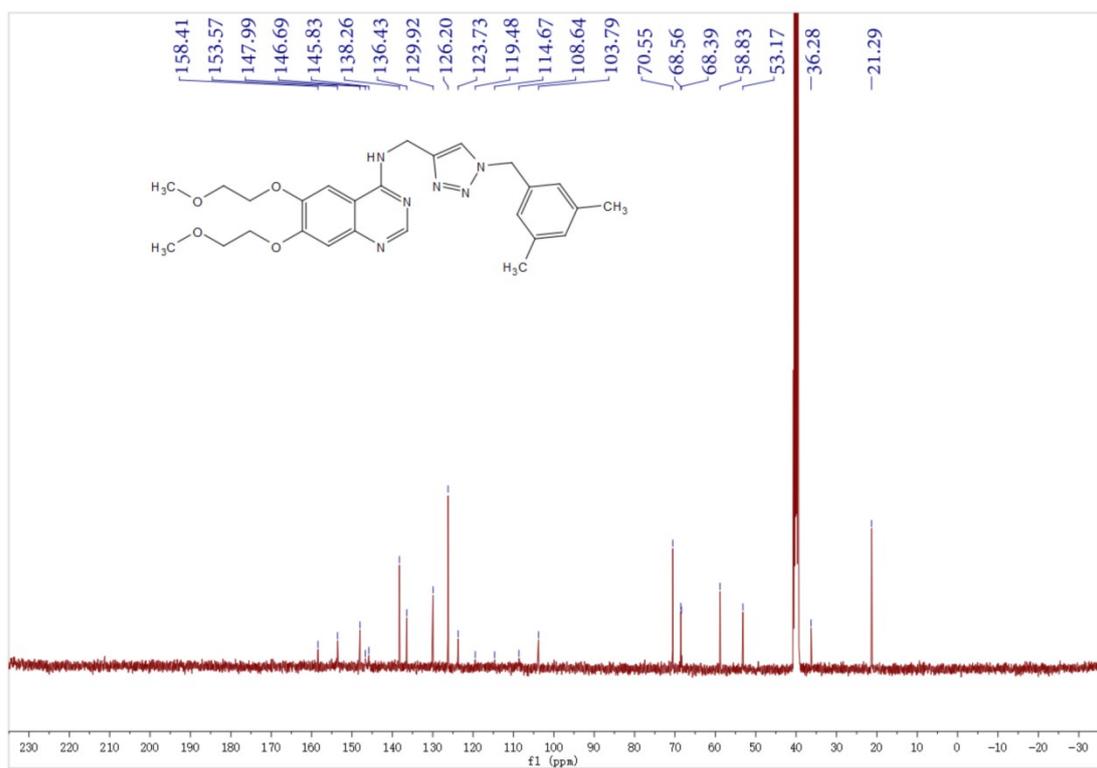
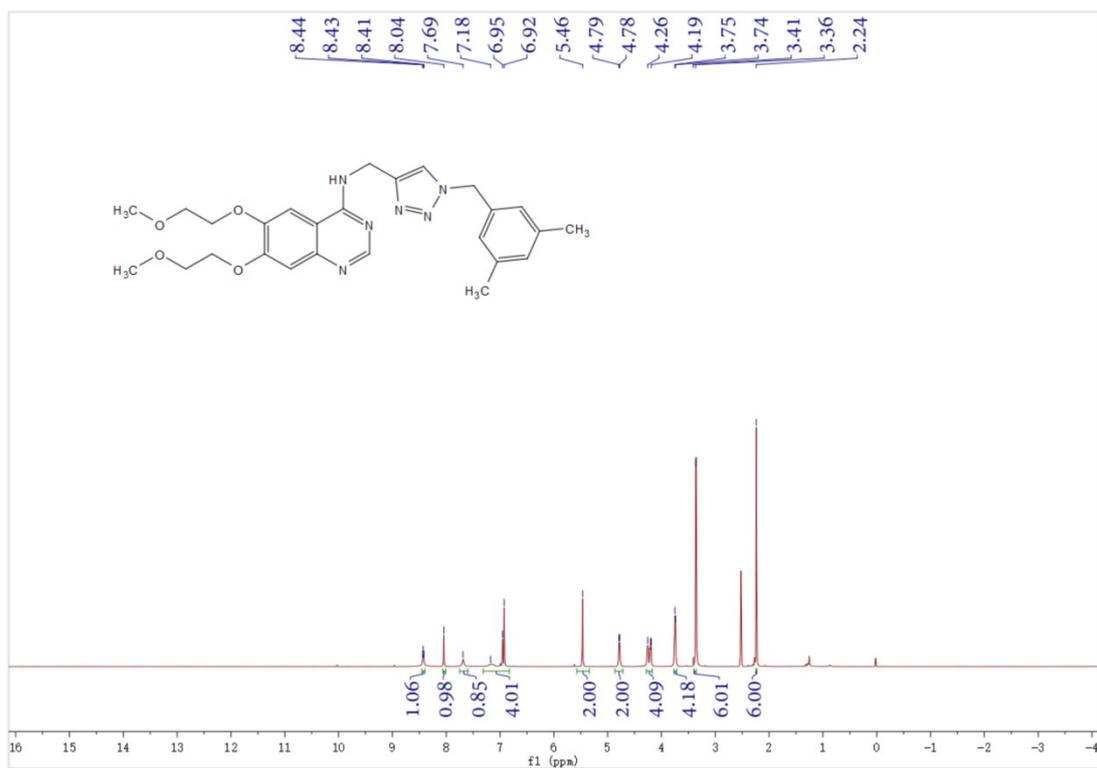


Figure S13. ¹H NMR and ¹³C NMR spectra of compound 5f

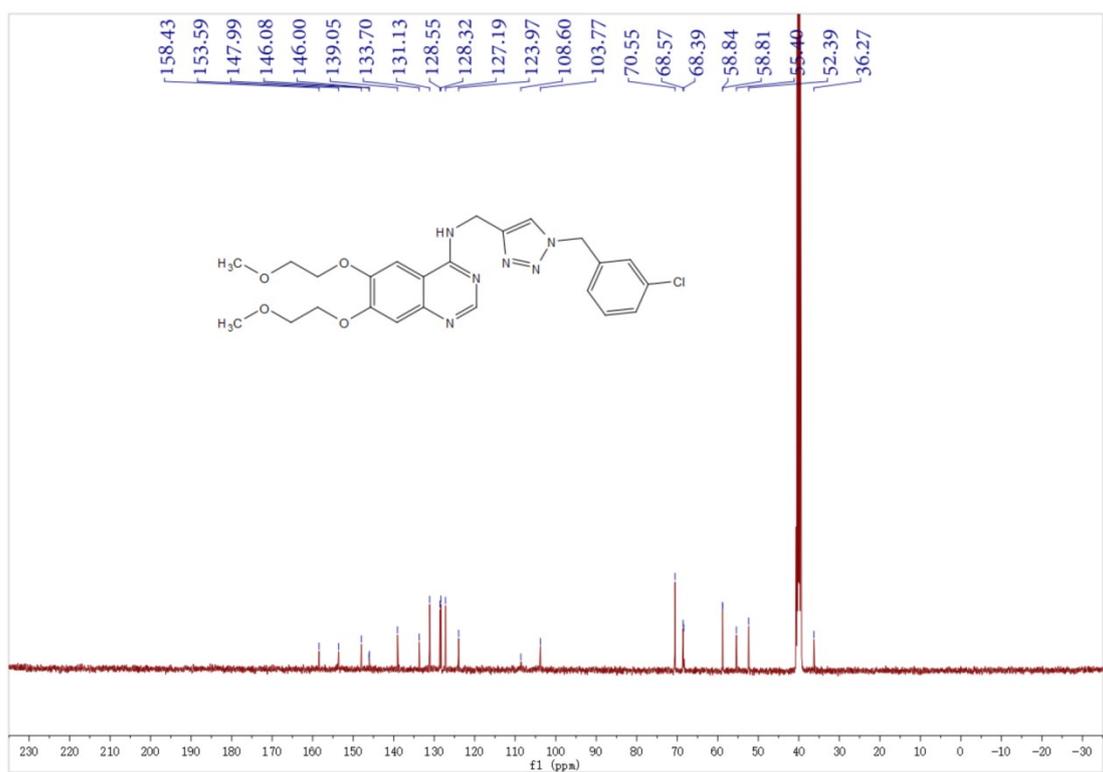
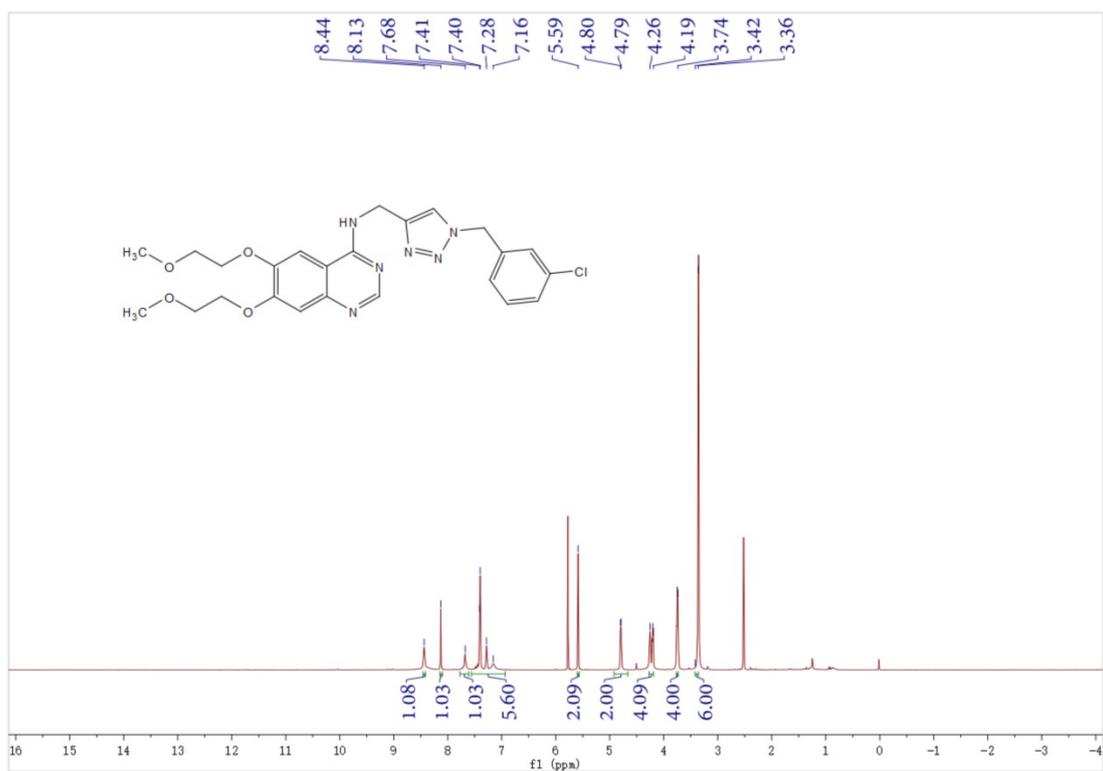


Figure S14. ¹H NMR and ¹³C NMR spectrums of compound 5g

2. IC₅₀ Curves

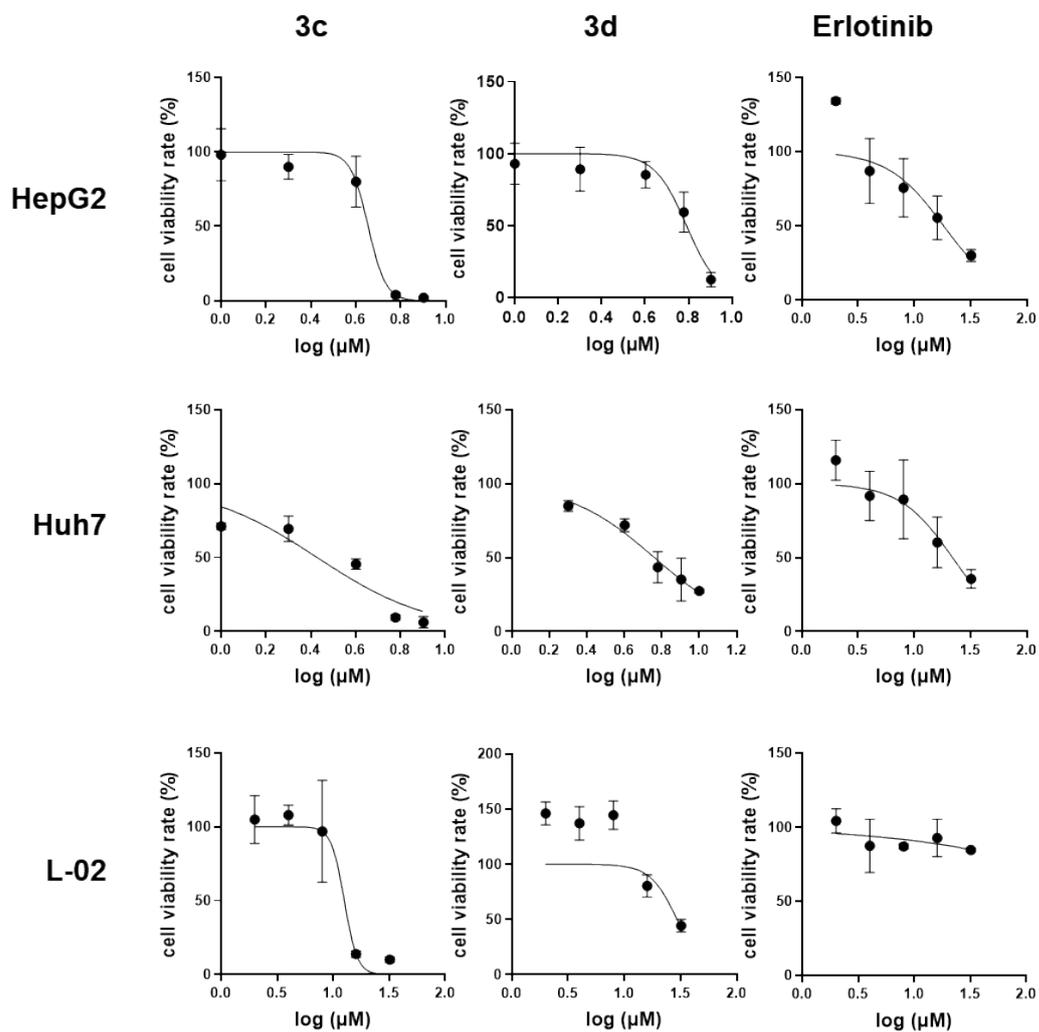


Figure S15. Concentration-response curves for IC₅₀ calculations. Representative image from three repeats experiments were shown.