

# Design, Synthesis, Biological Evaluation and Molecular Docking of Novel F-18 labeled Focal Adhesion Kinase Inhibitors as Potential Tumor Radiotracers

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## Supporting information

NMR and Ms spectra of **7a-7g** .....S1-S21

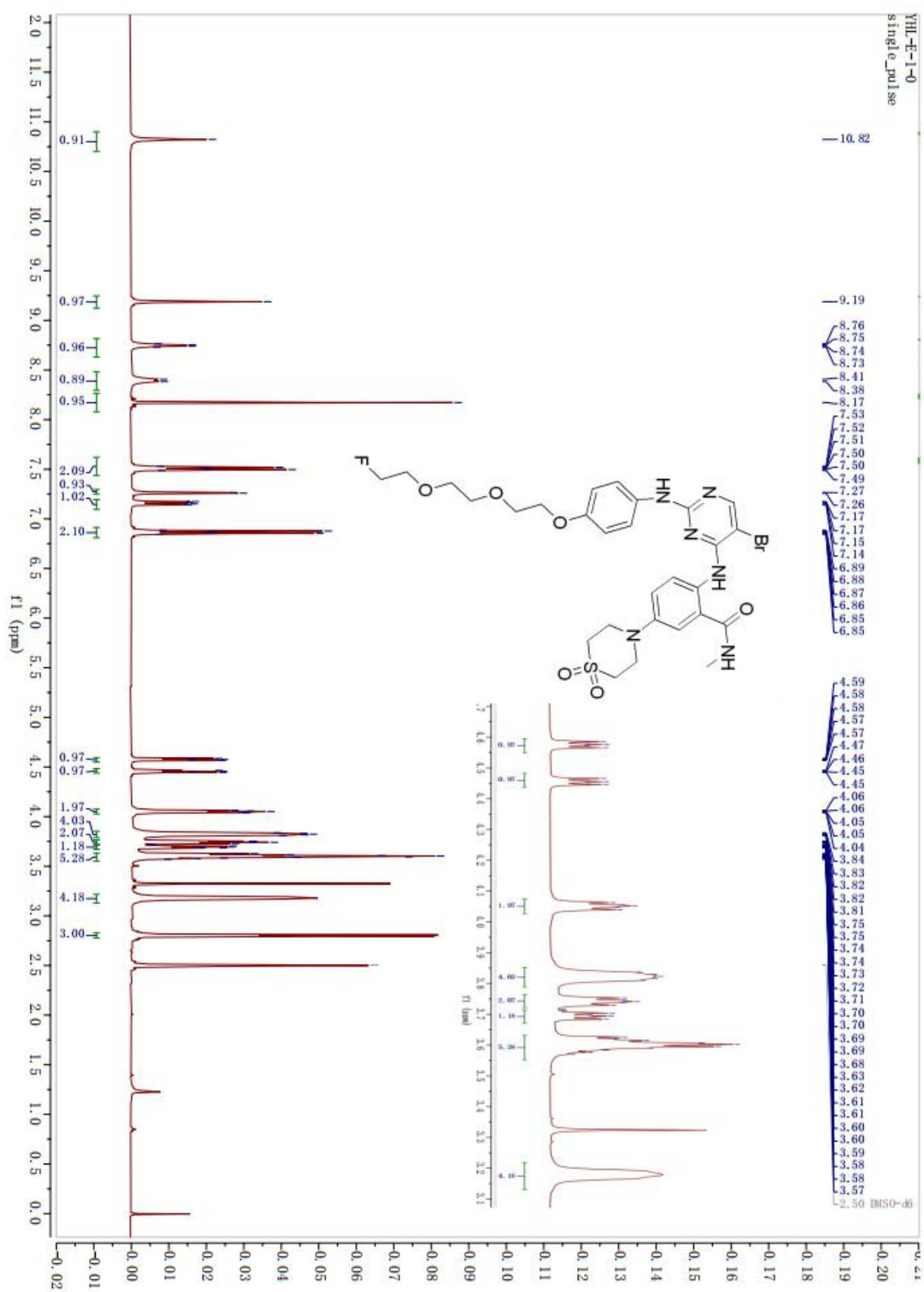


Figure S1  $^1\text{H}$  NMR spectrum of 7a



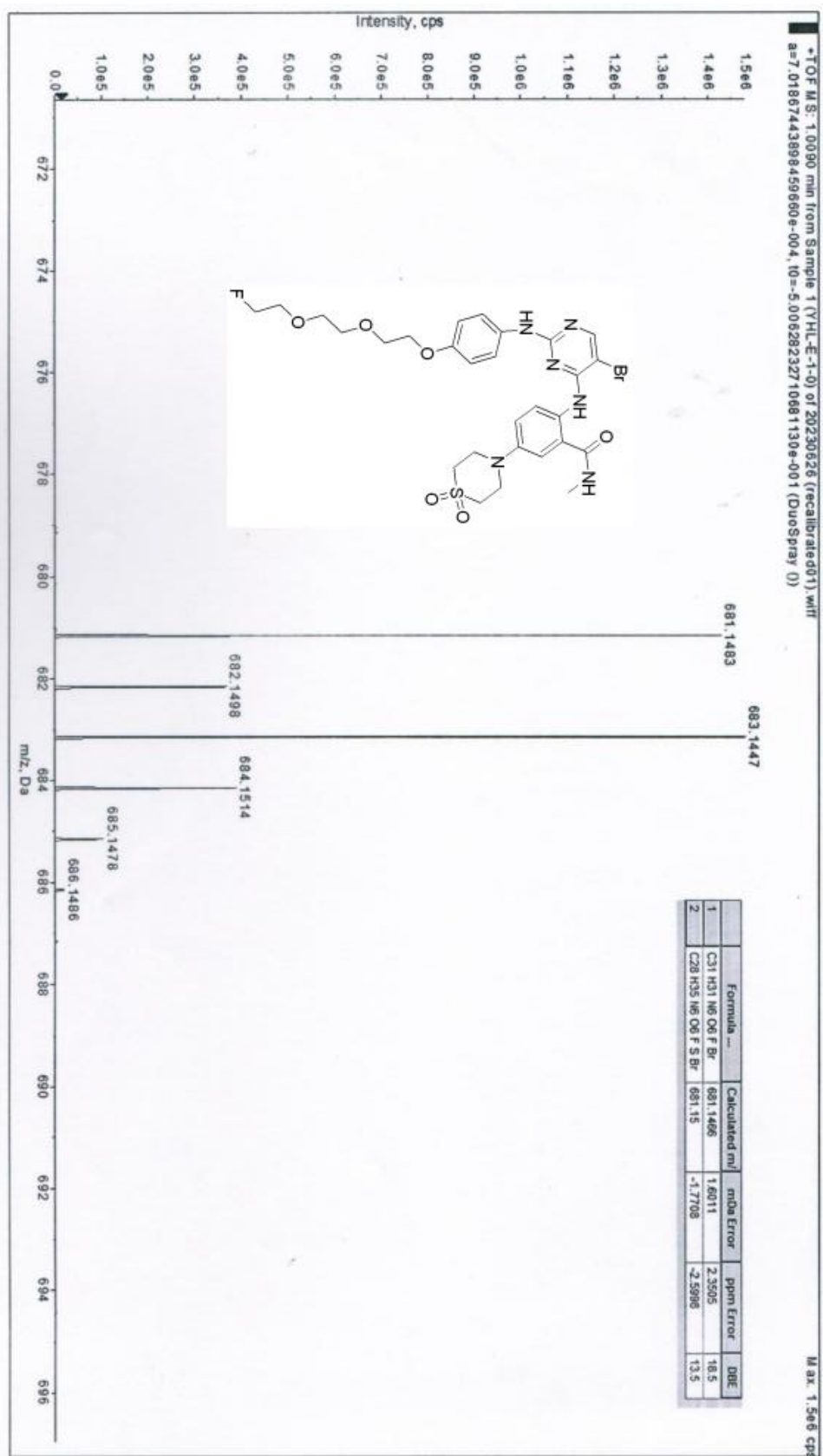


Figure S3 ESI-HRMS spectrum of 7a

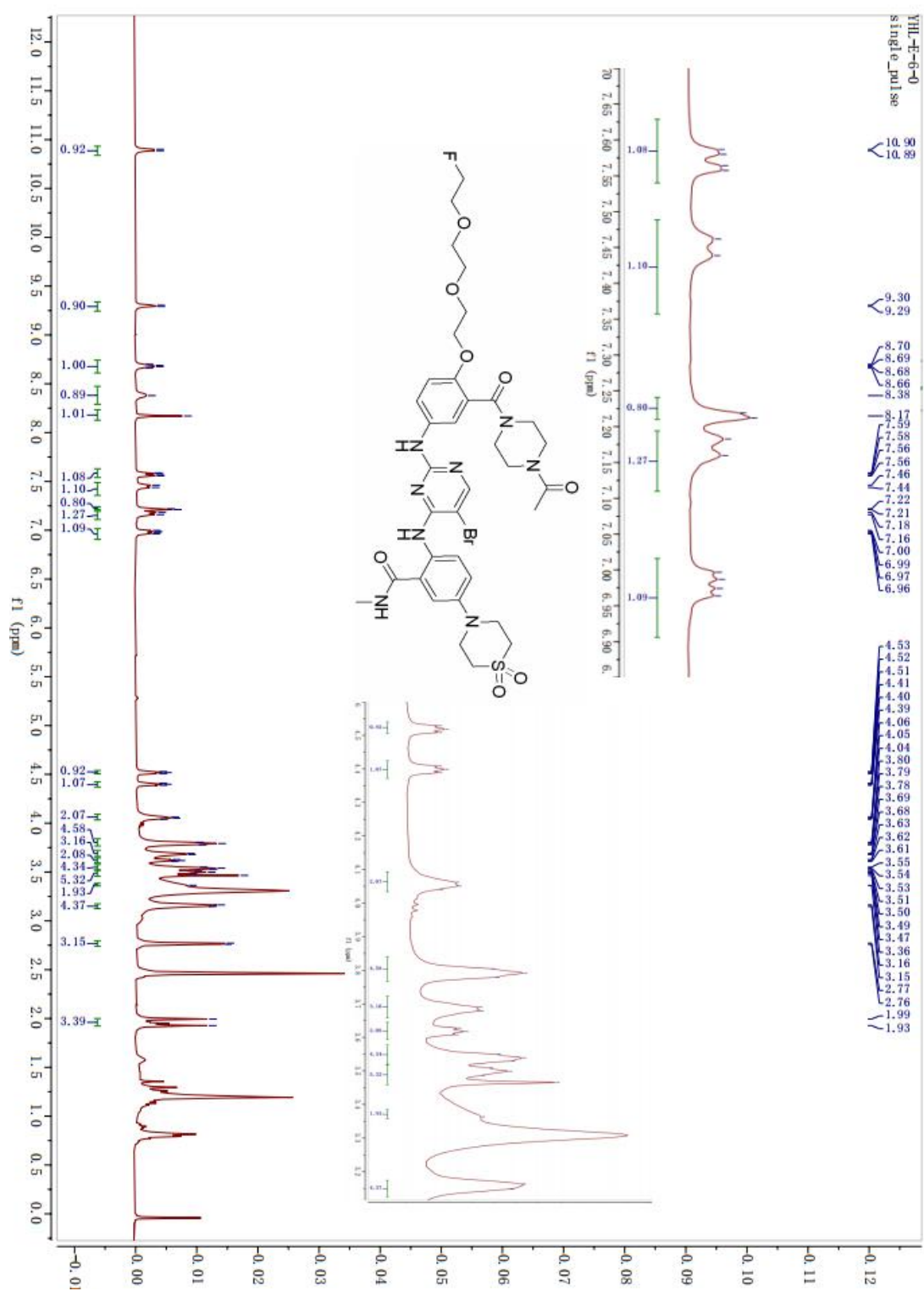


Figure S4 <sup>1</sup>H NMR spectrum of **7b**

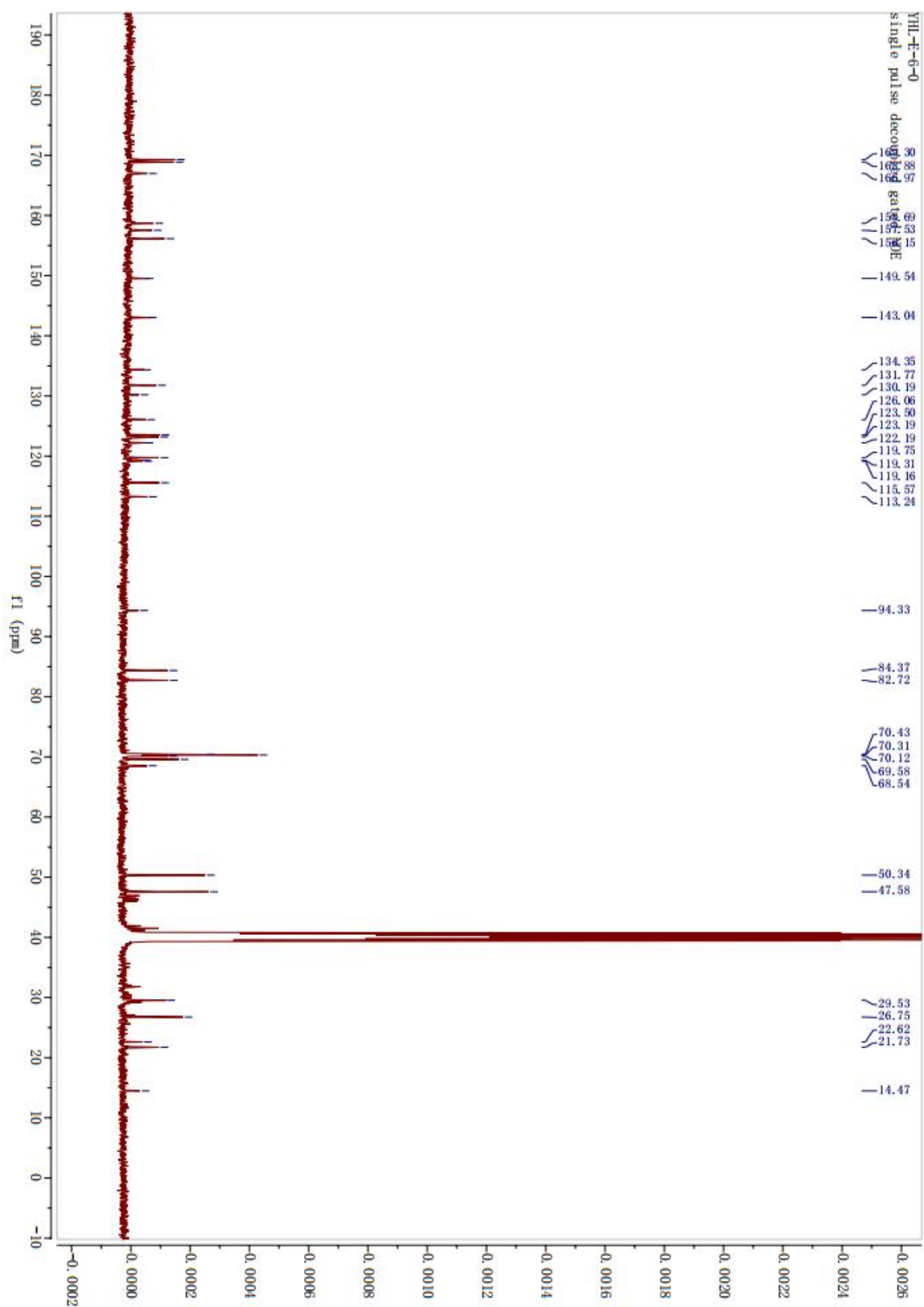


Figure S5  $^{13}\text{C}$  NMR spectrum of **7b**

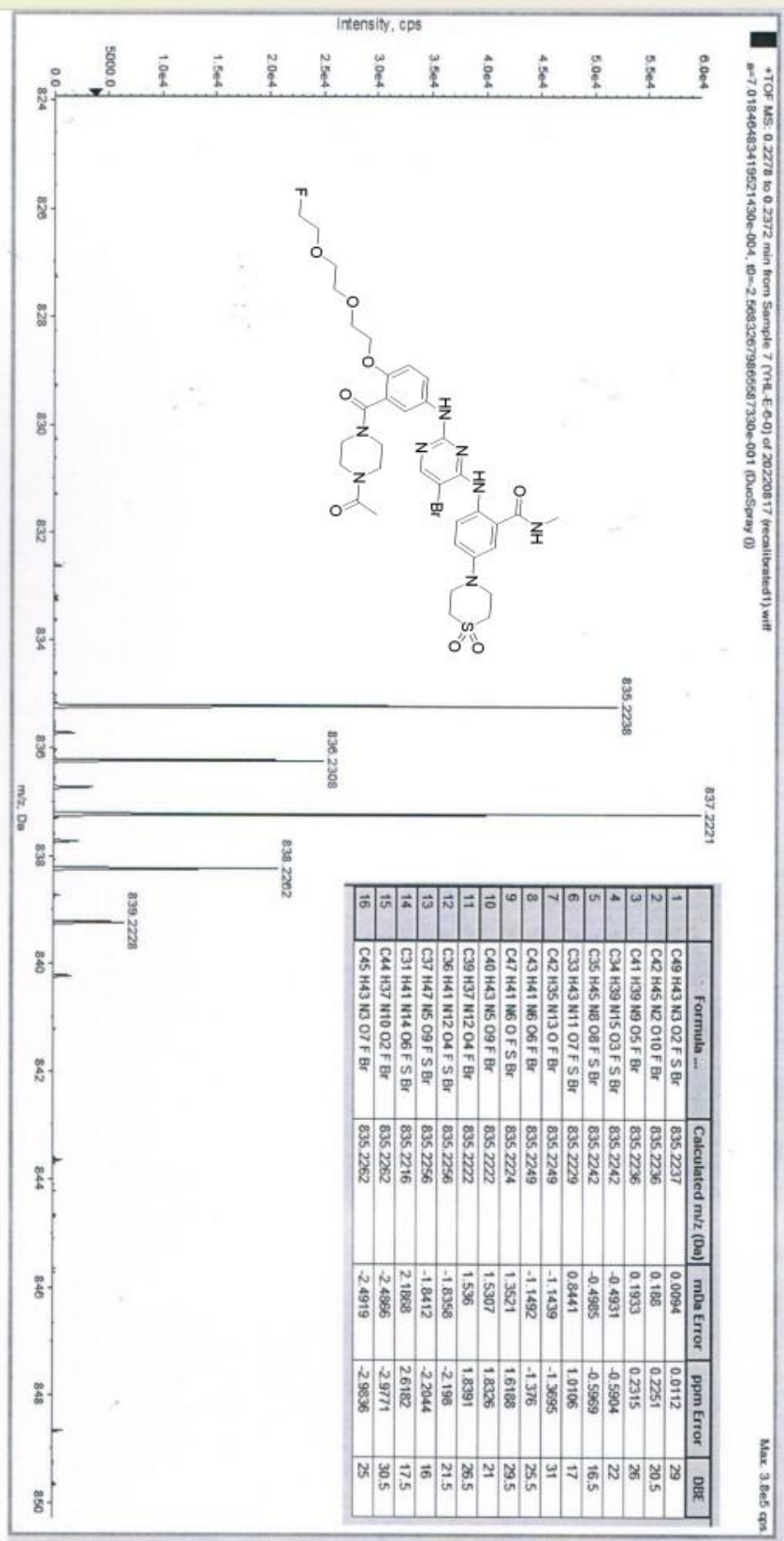


Figure S6 ESI-HRMS spectrum of 7b







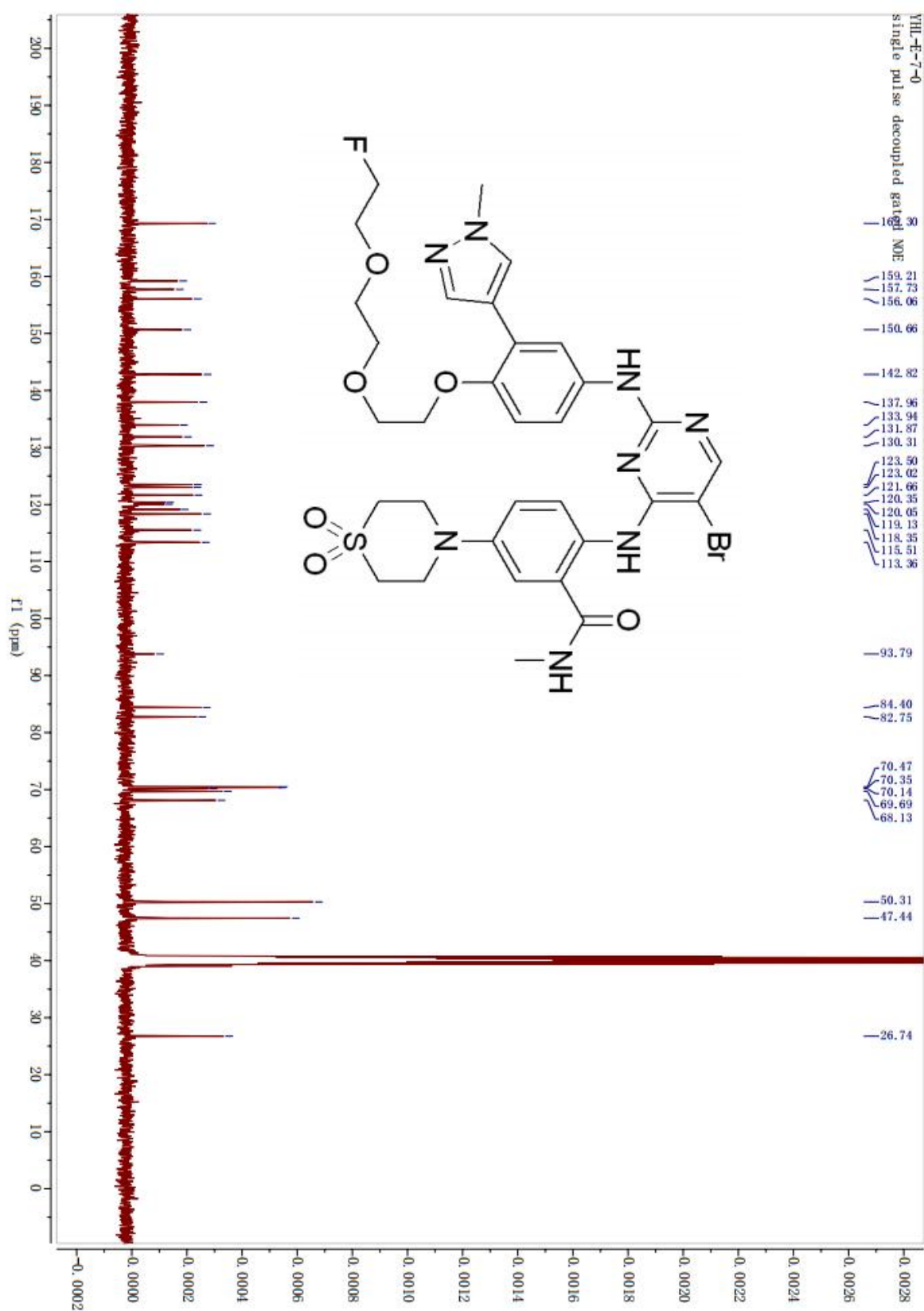


Figure S8  $^{13}\text{C}$  NMR spectrum of 7c

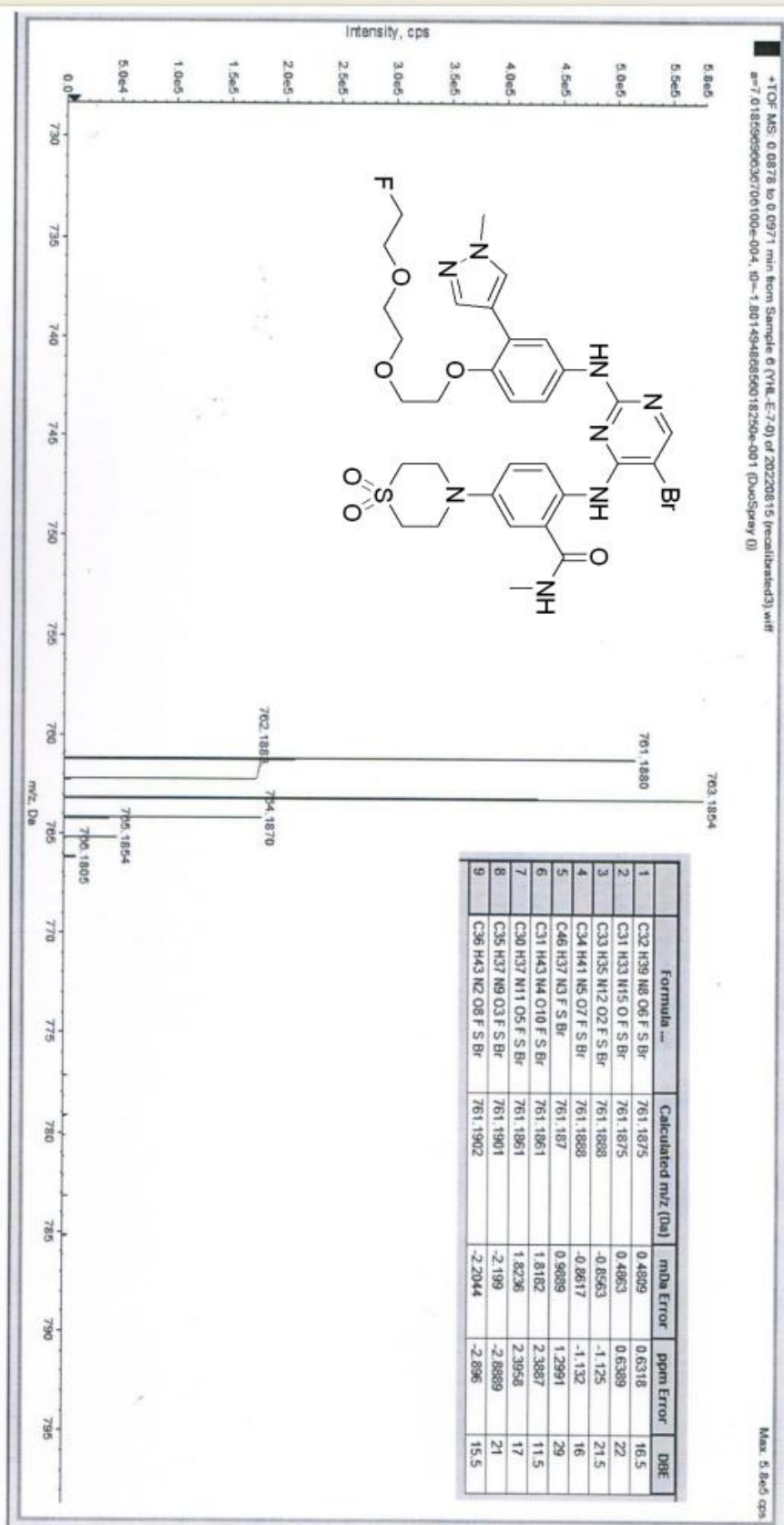


Figure S9 ESI-HRMS spectrum of 7c

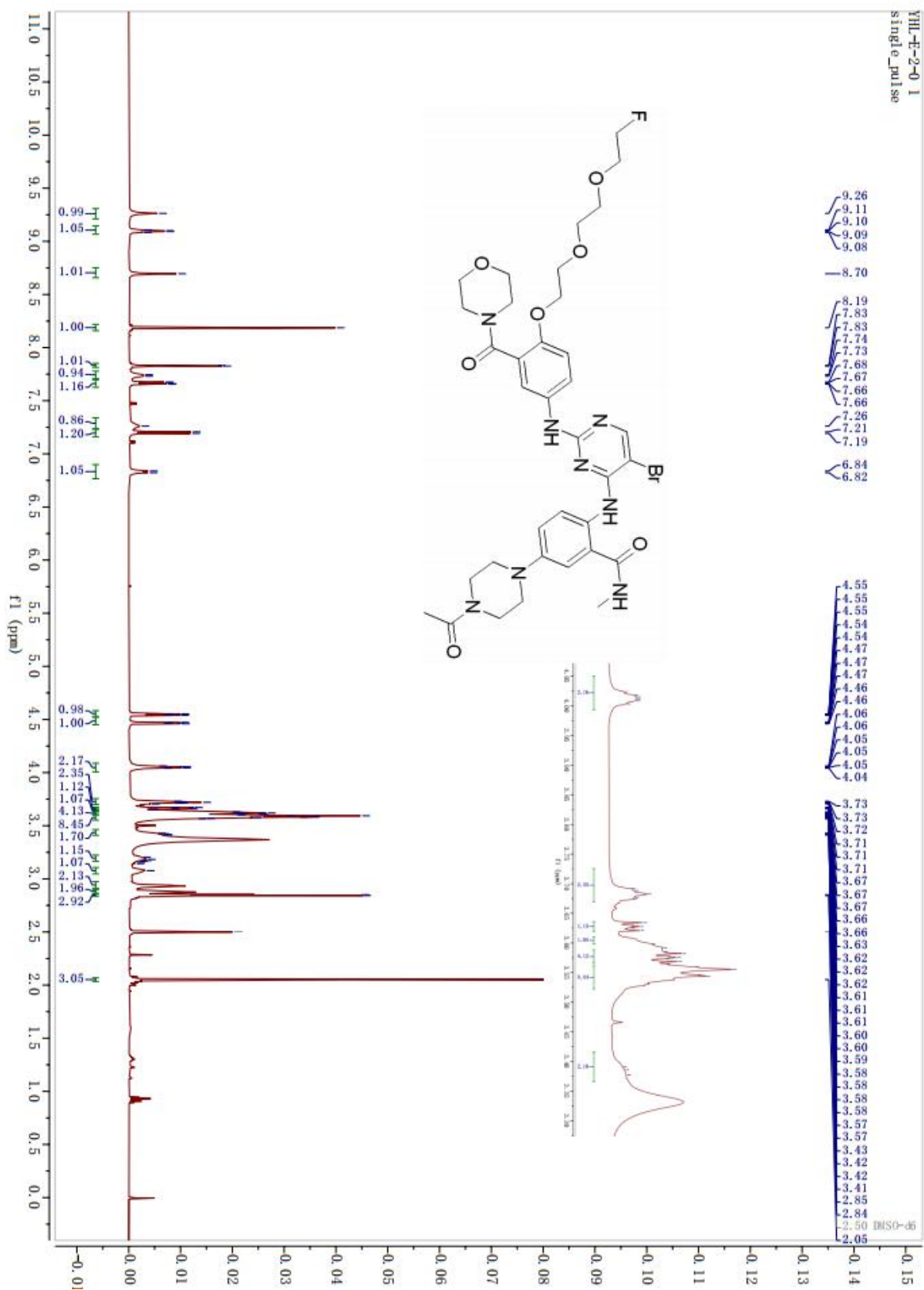


Figure S10  $^1\text{H}$  NMR spectrum of 7d

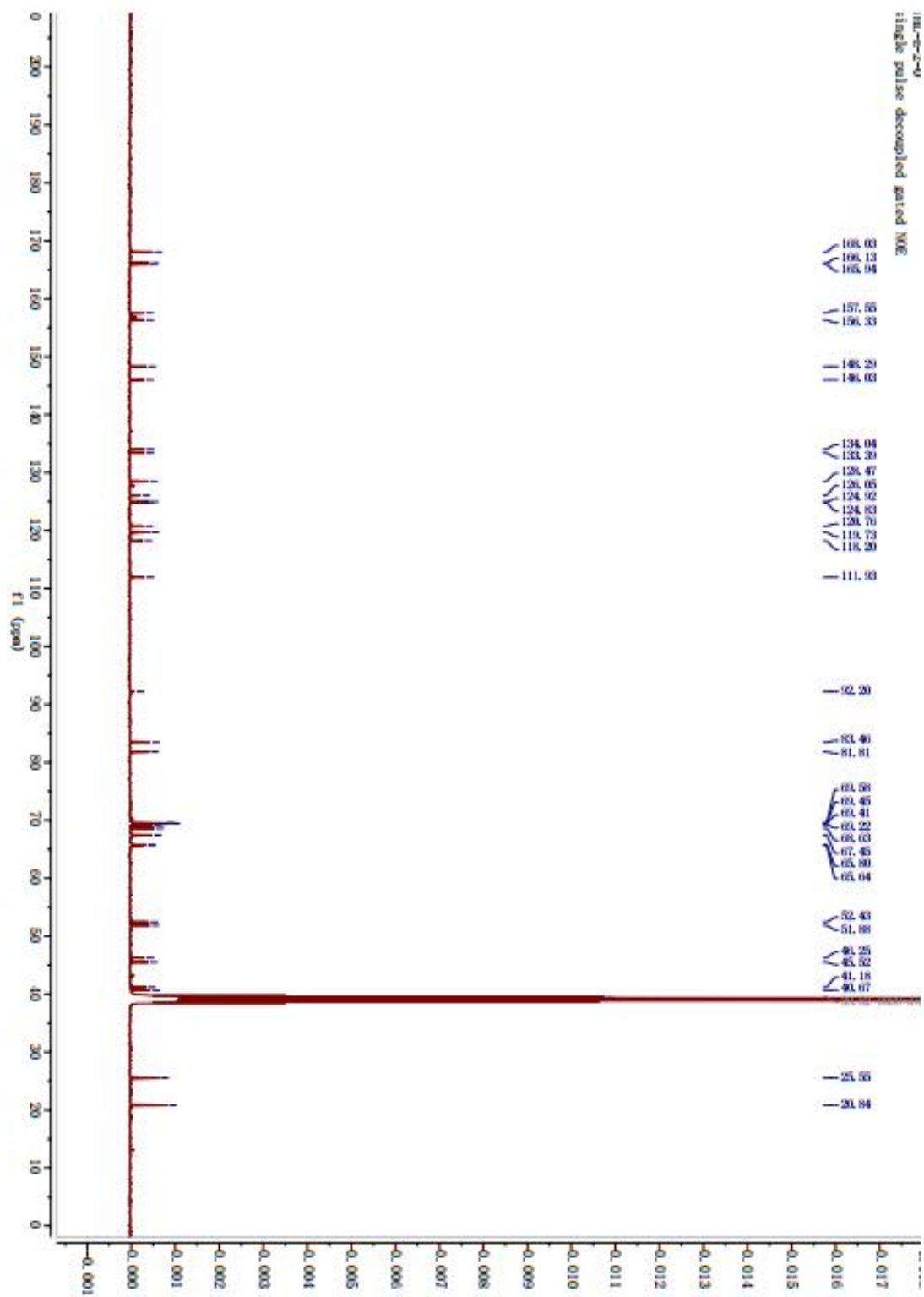


Figure S11  $^{13}\text{C}$  NMR spectrum of **7d**

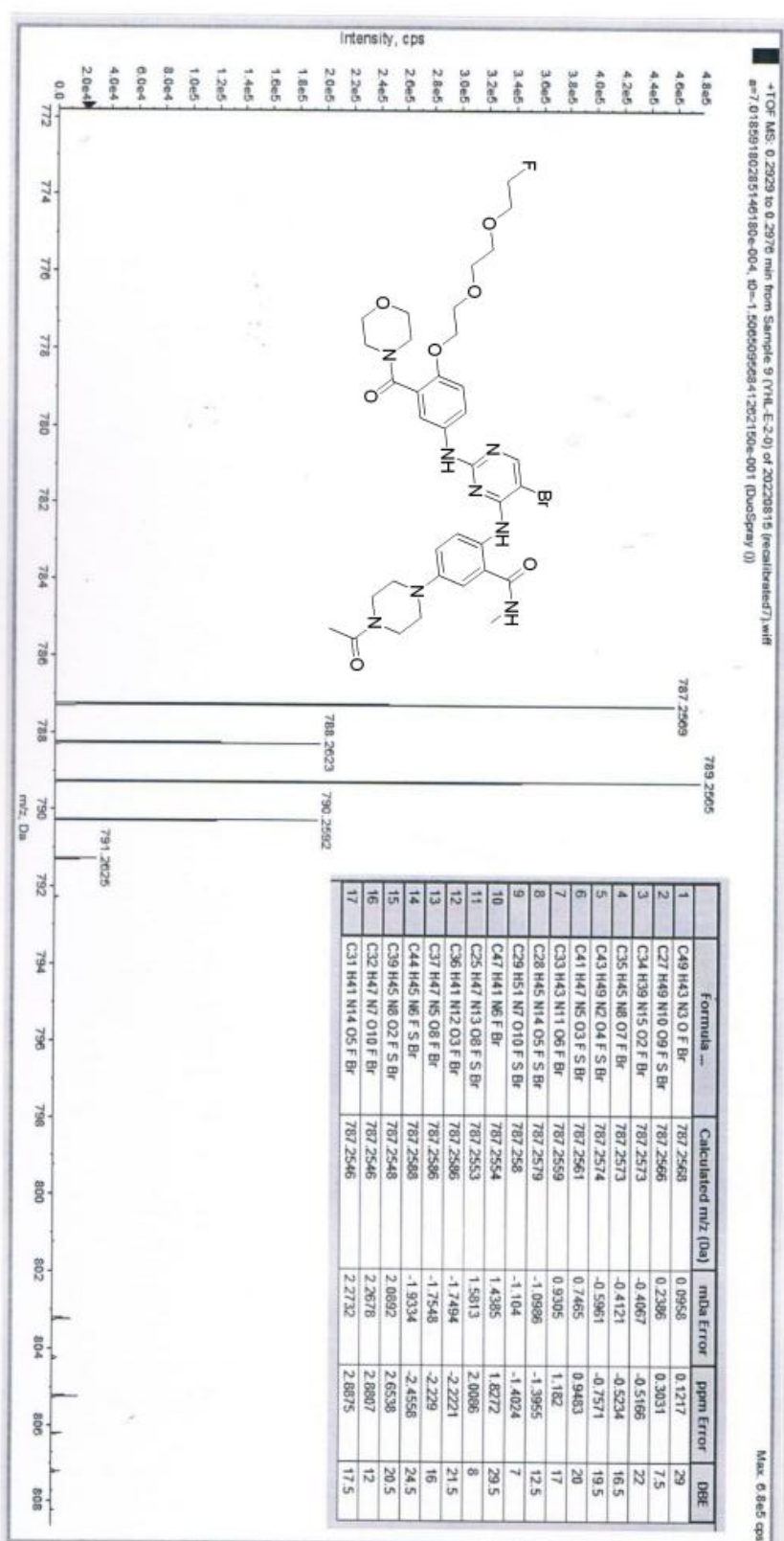


Figure S12 ESI-HRMS spectrum of 7d





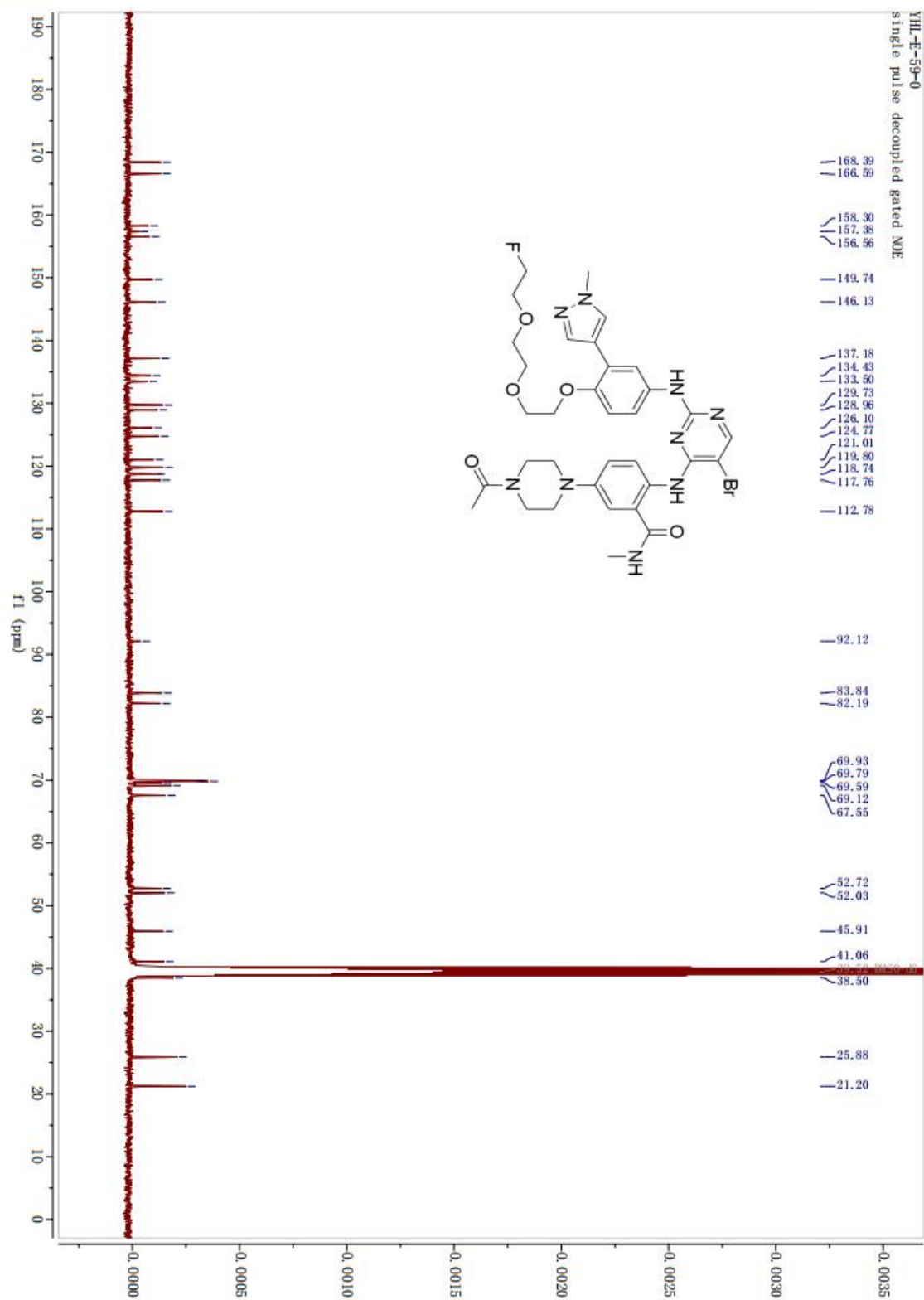


Figure S14  $^{13}\text{C}$  NMR spectrum of 7e



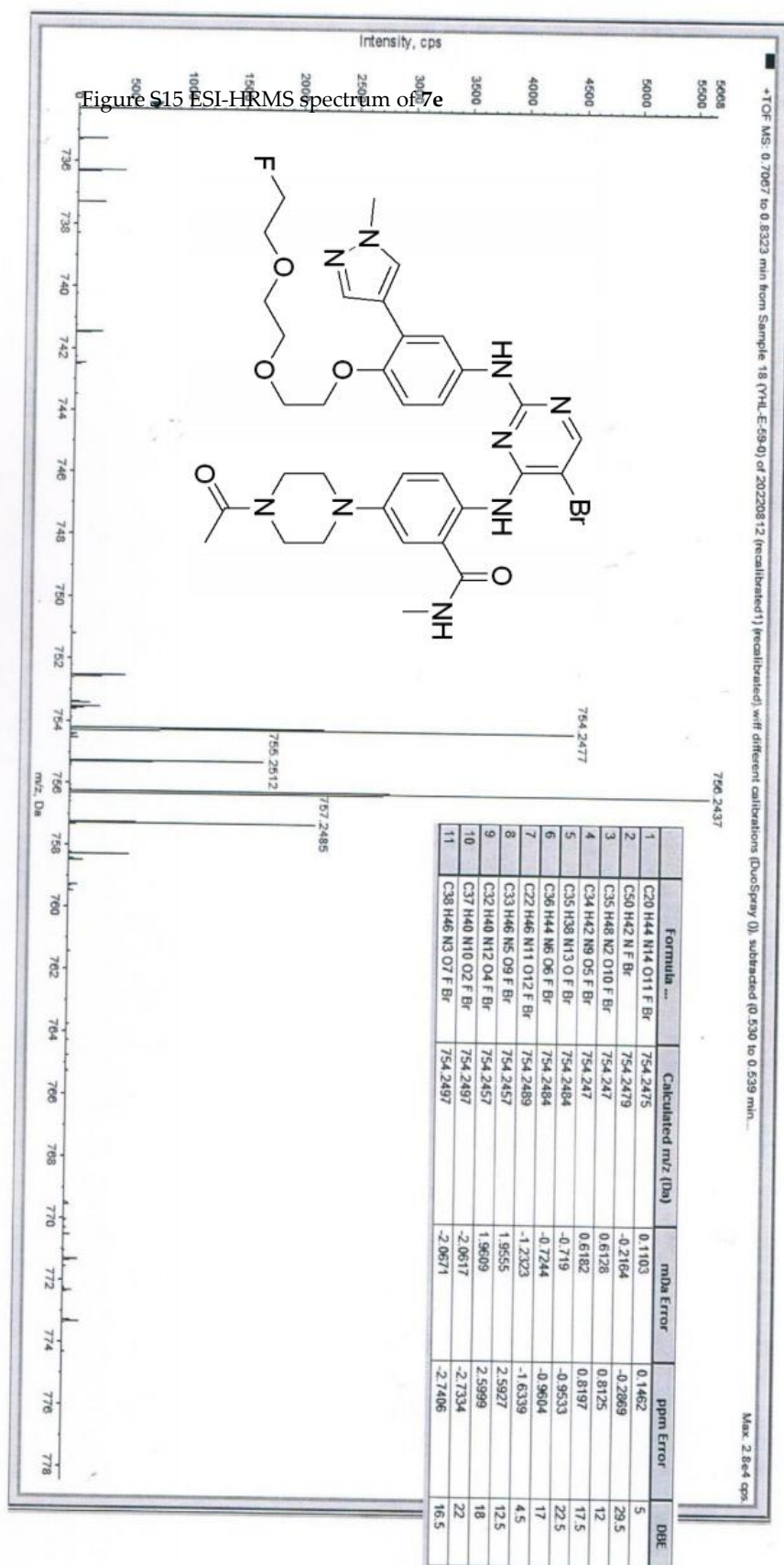


Figure S15 ESI-HRMS spectrum of 7e

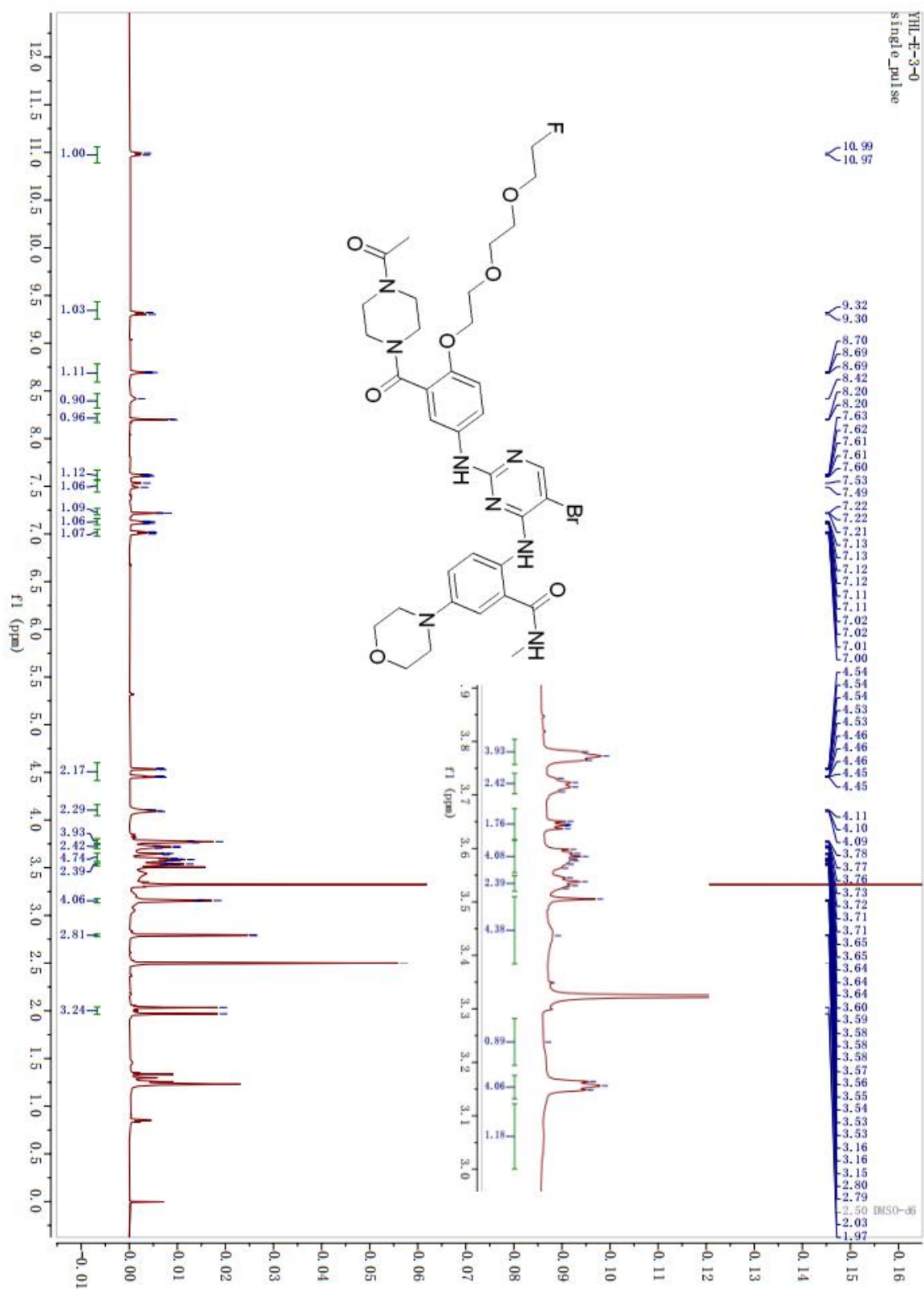


Figure S16  $^1\text{H}$  NMR spectrum of 7f

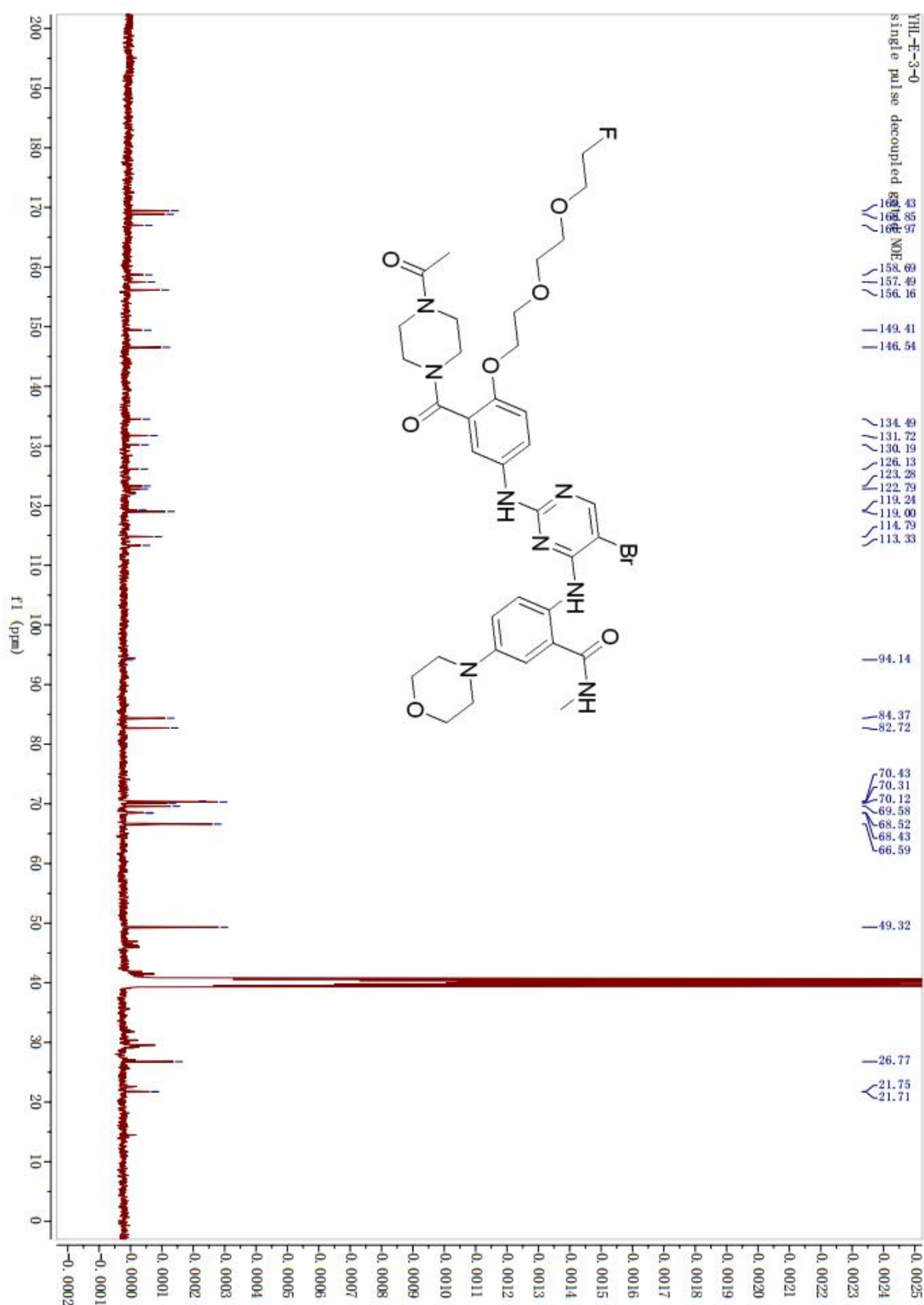


Figure S17  $^{13}\text{C}$  NMR spectrum of 7f

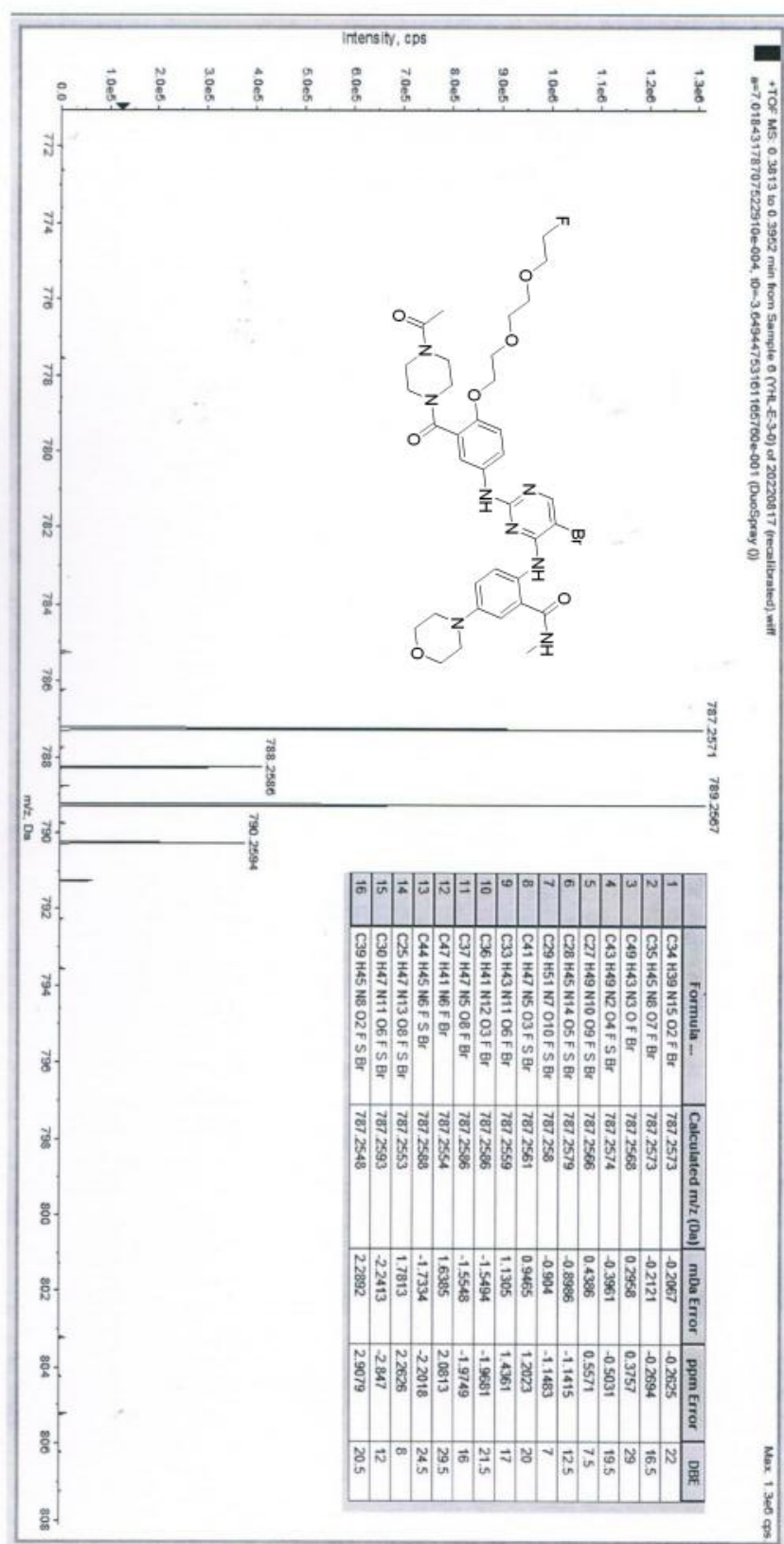


Figure S18 ESI-HRMS spectrum of 7f



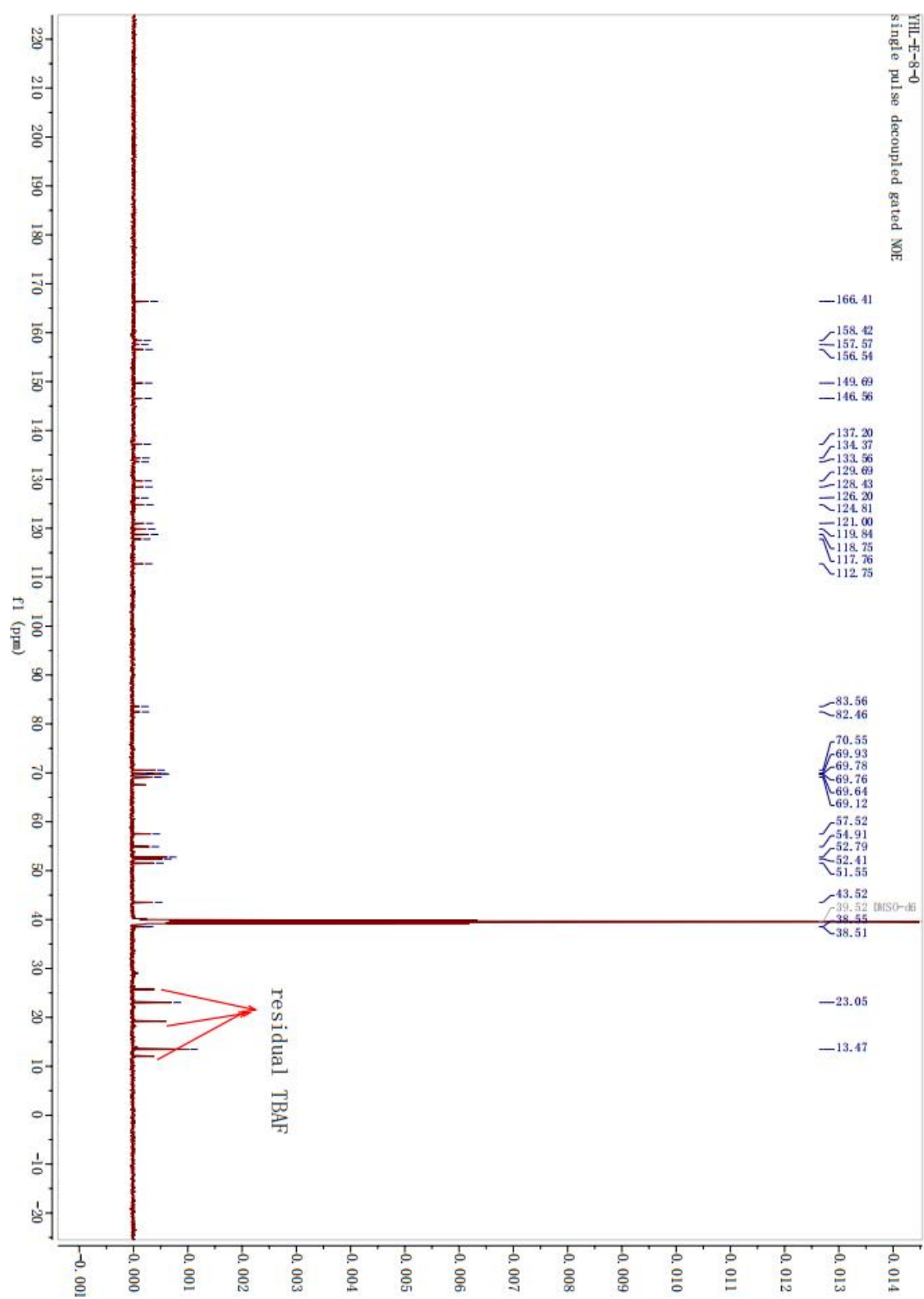


Figure S20  $^{13}\text{C}$  NMR spectrum of **7g**



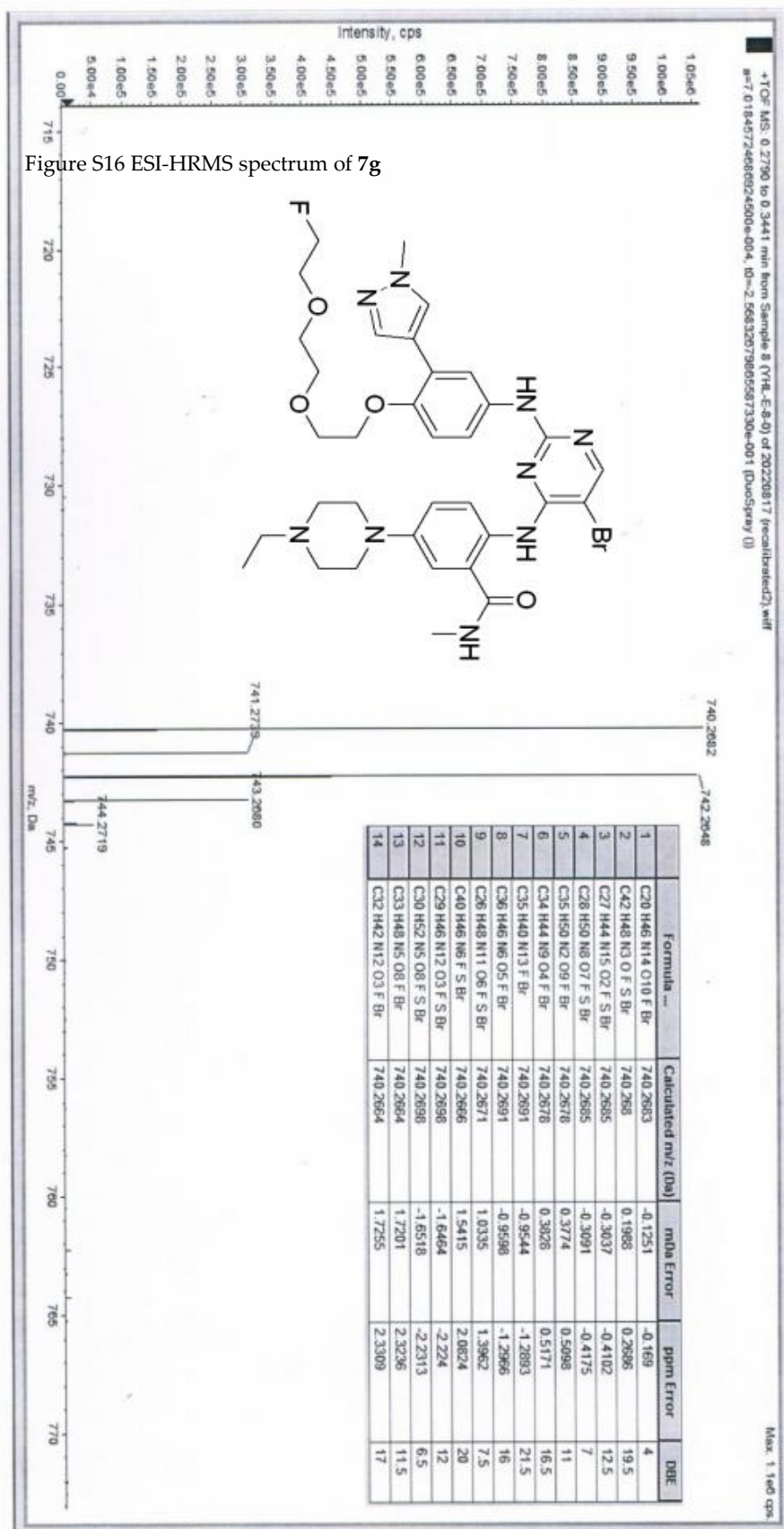


Figure S21 ESI-HRMS spectrum of 7g