

## Supplementary Materials

### Synthesis and Biological Evaluation of Novel 2-Amino-1,4-Naphthoquinone Amide-Oxime Derivatives as Potent IDO1/STAT3 Dual Inhibitors with Prospective Antitumor Effects

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$^1\text{H}$  NMR,  $^{13}\text{C}$  NMR and HR-MS of compounds **7a–7c** and **NK1–NK3**:

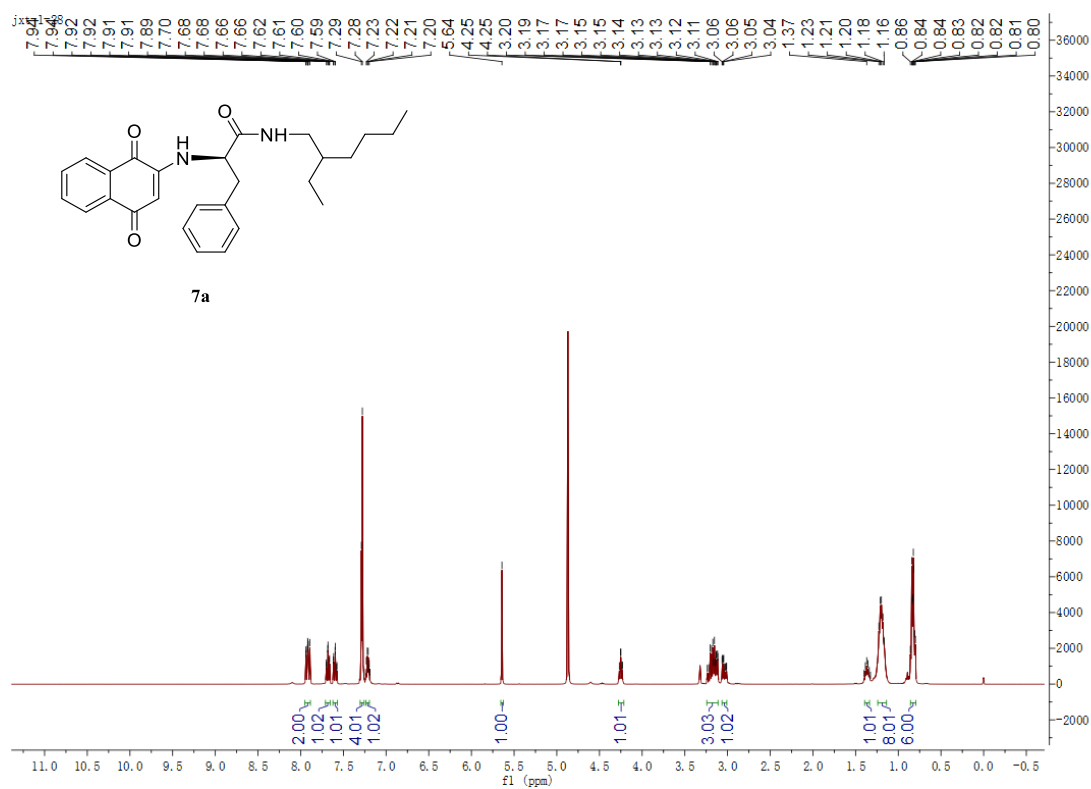


Figure S1.  $^1\text{H}$  NMR Spectrum of compound **7a**.

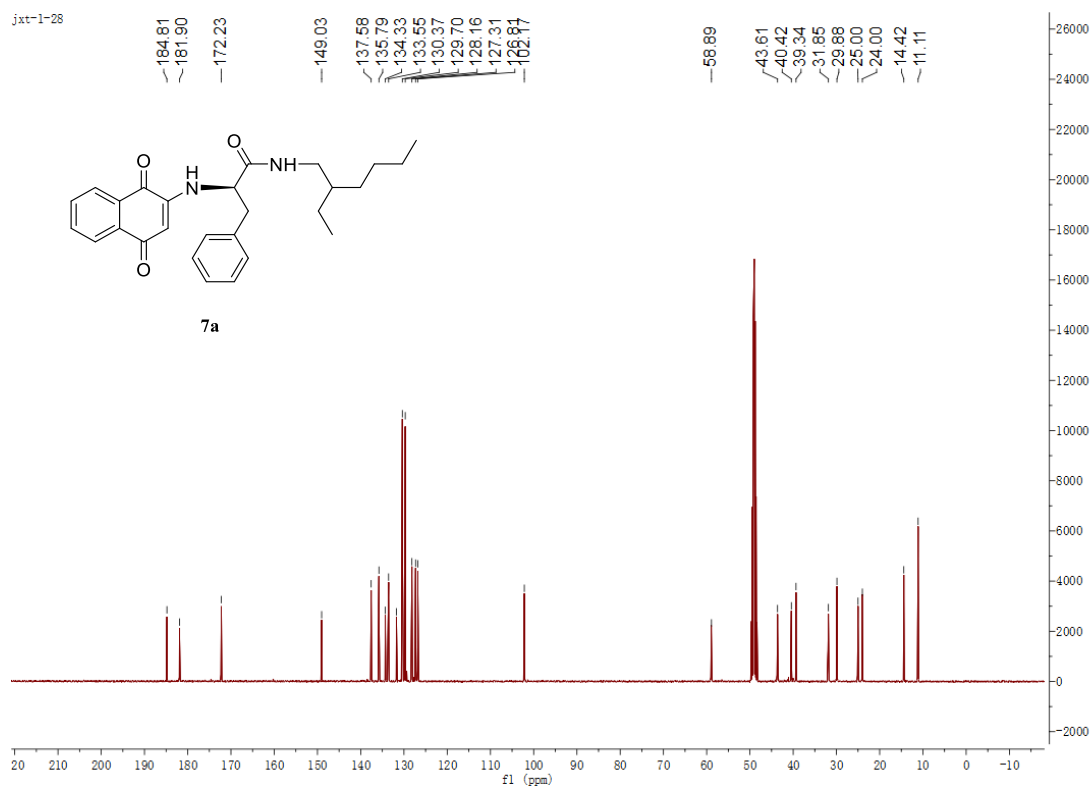


Figure S2.  $^{13}\text{C}$  NMR Spectrum of compound **7a**.

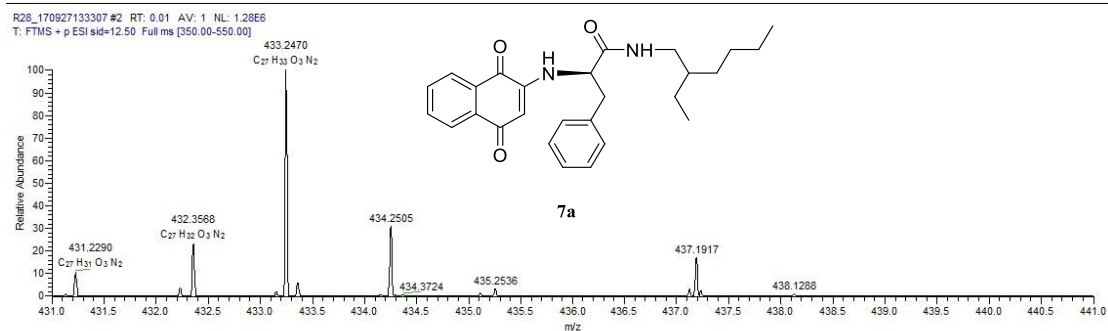


Figure S3. HRMS Spectrum of compound **7a**.

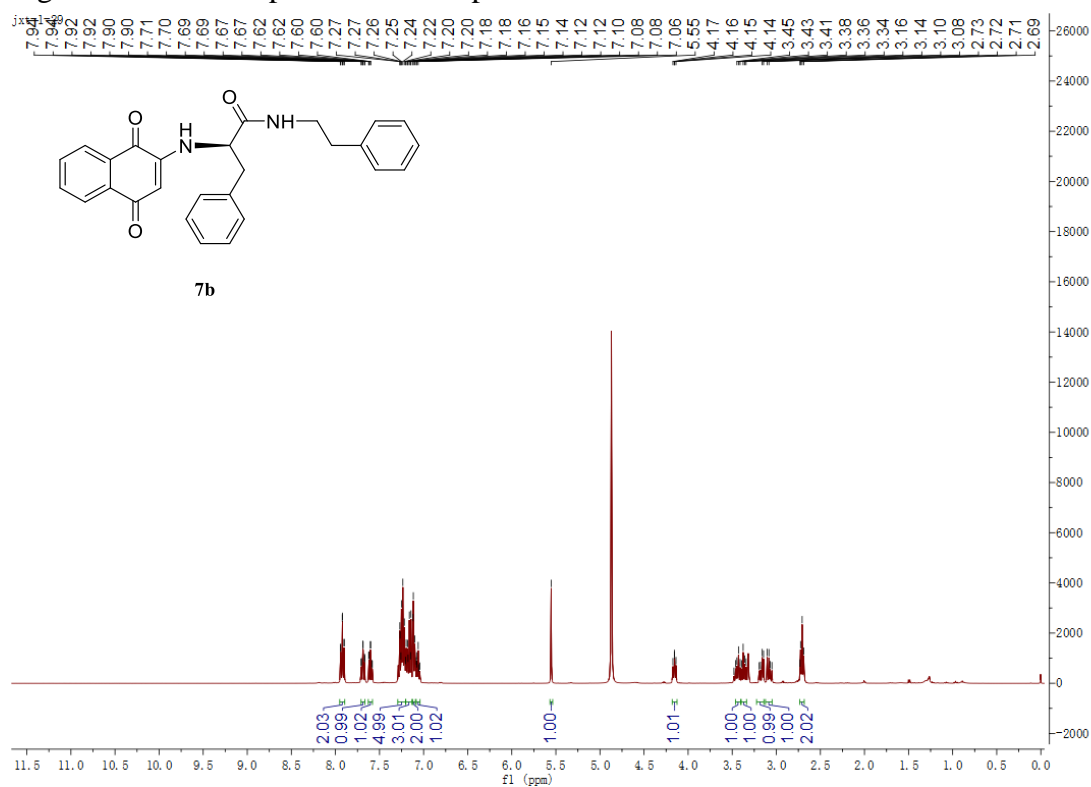


Figure S4.  $^1\text{H}$  NMR Spectrum of compound **7b**.



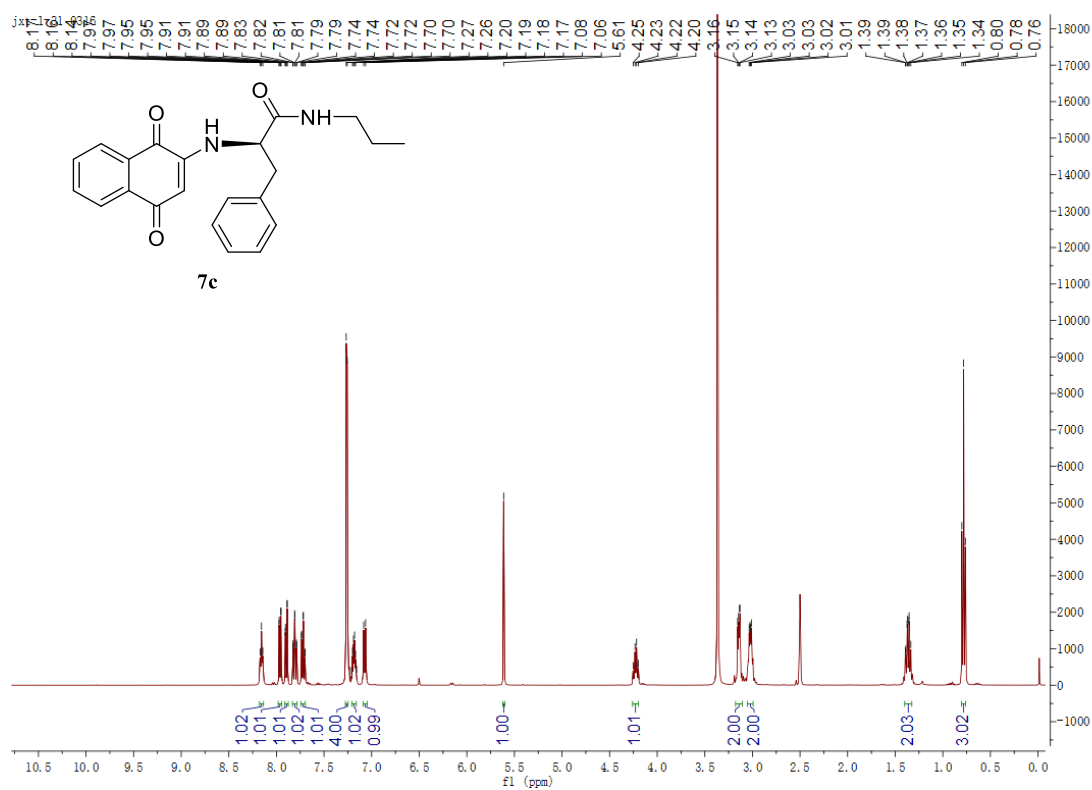


Figure S7. <sup>1</sup>H NMR Spectrum of compound **7c**.

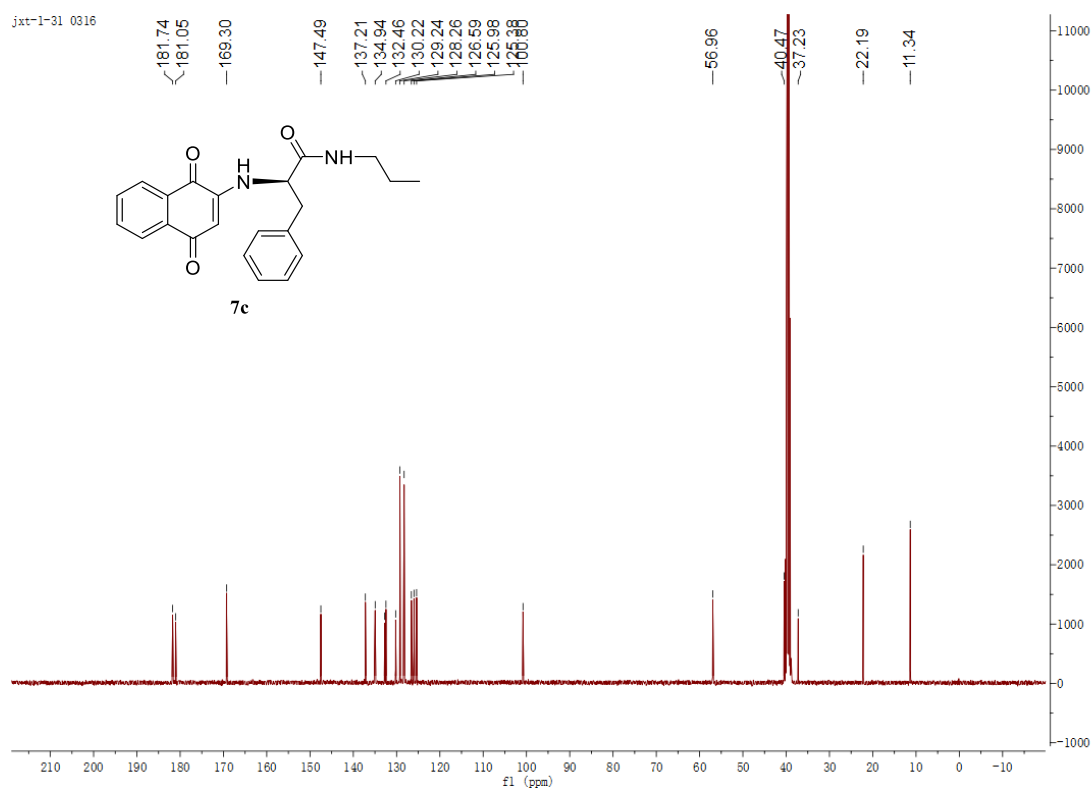


Figure S8. <sup>13</sup>C NMR Spectrum of compound **7c**.

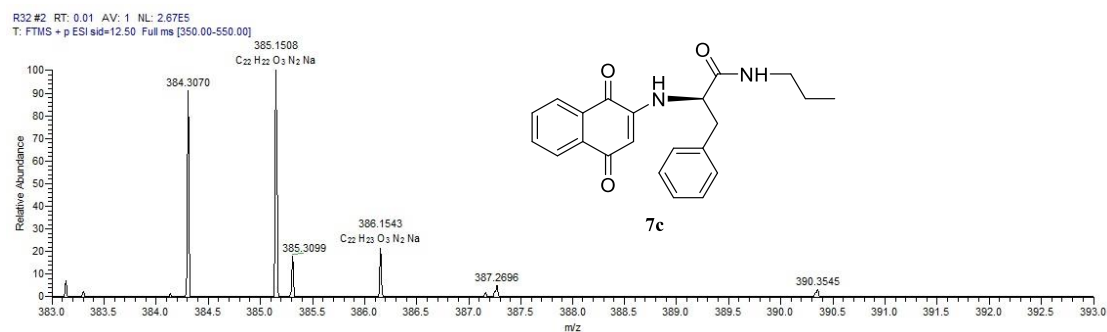


Figure S9. HRMS Spectrum of compound **7c**.

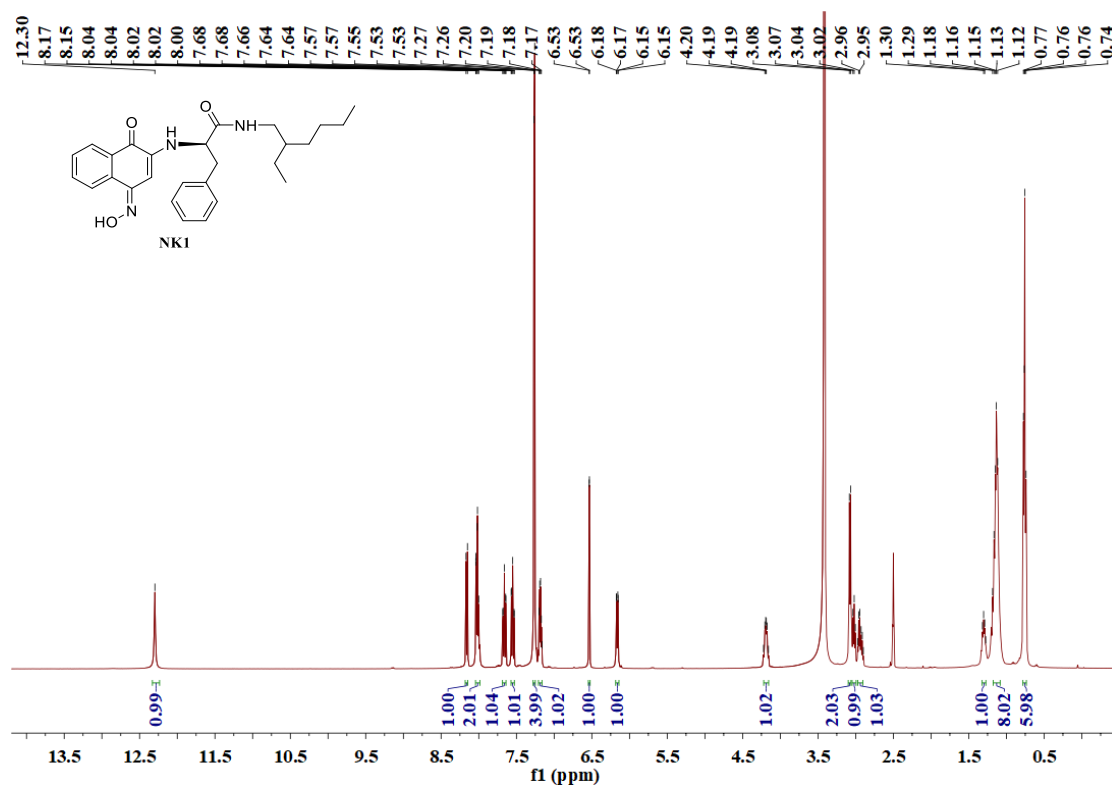


Figure S10.  $^1\text{H}$  NMR Spectrum of compound **NK1**.

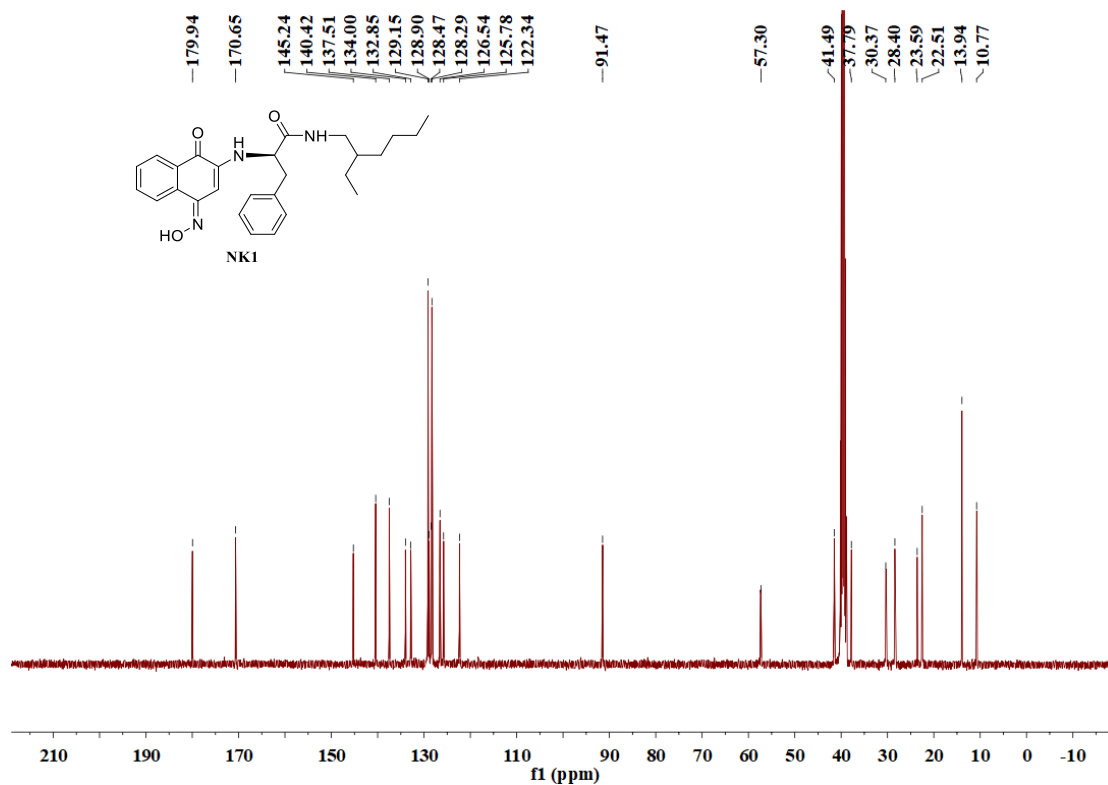


Figure S11. <sup>13</sup>C NMR Spectrum of compound **NK1**.

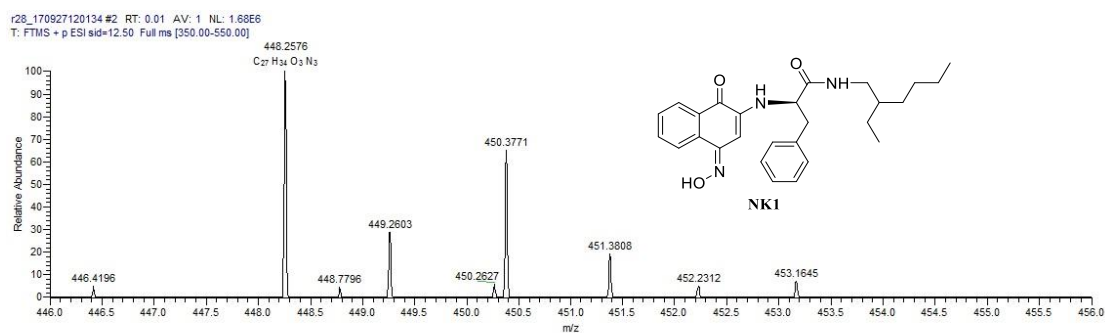


Figure S12. HRMS Spectrum of compound **NK1**.

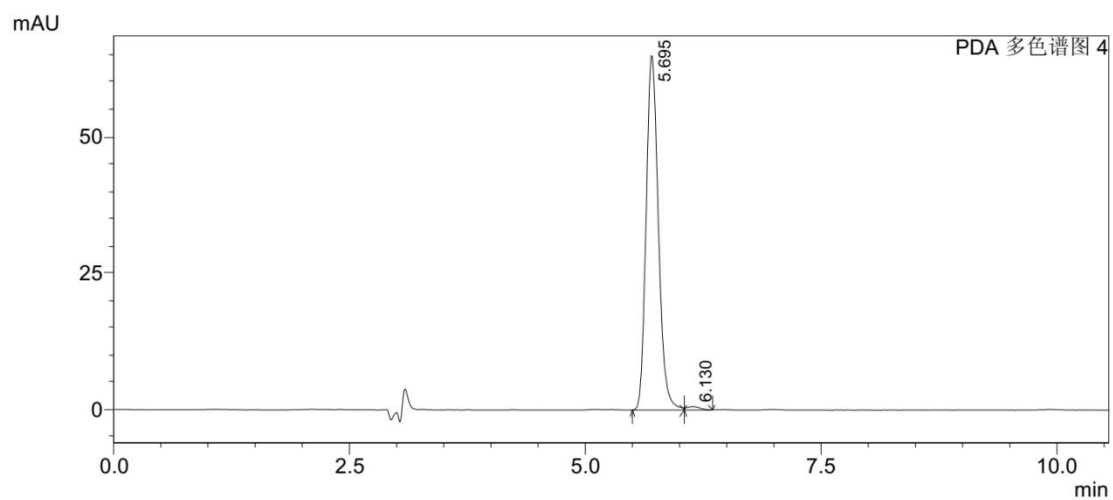


Figure S13. HPLC Spectrum of compound **NK1**.

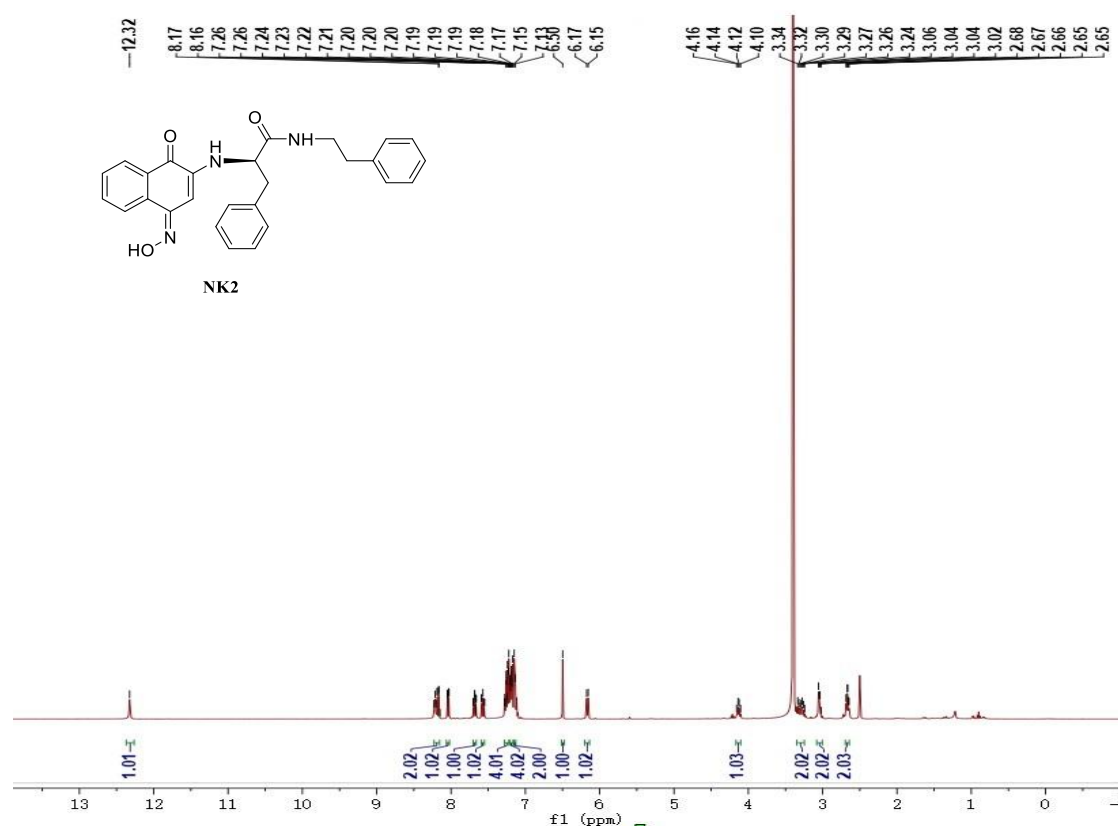


Figure S14. <sup>1</sup>H NMR Spectrum of compound **NK2**.



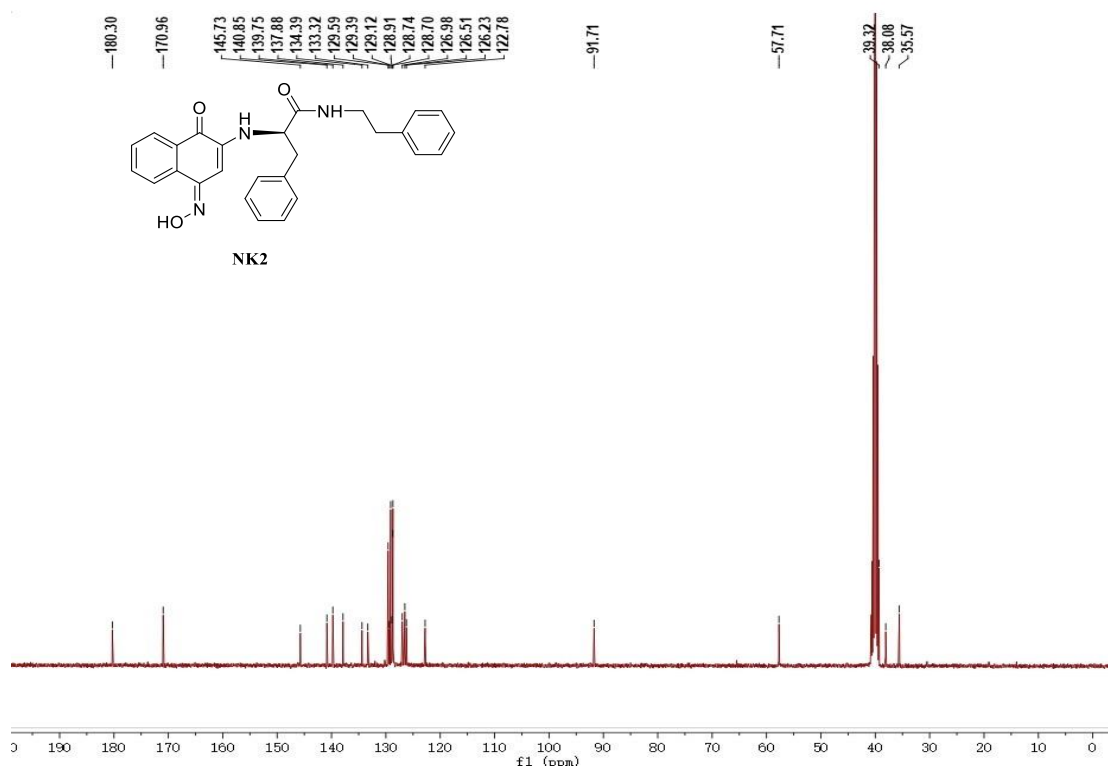


Figure S15. <sup>13</sup>C NMR Spectrum of compound **NK2**.

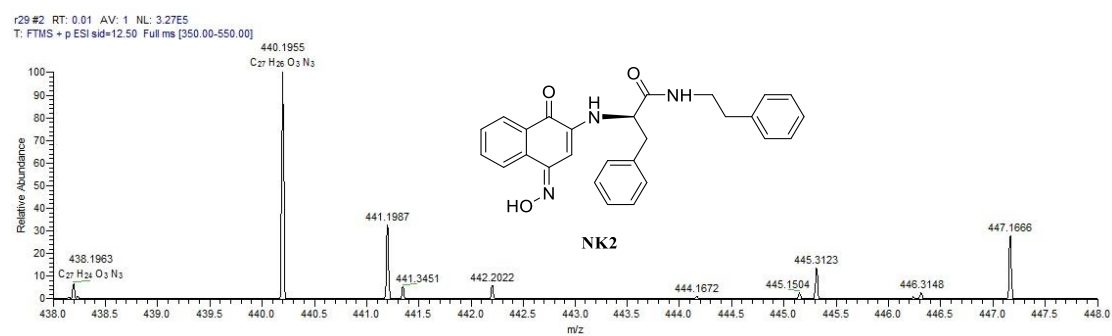


Figure S16. HRMS Spectrum of compound **NK2**.

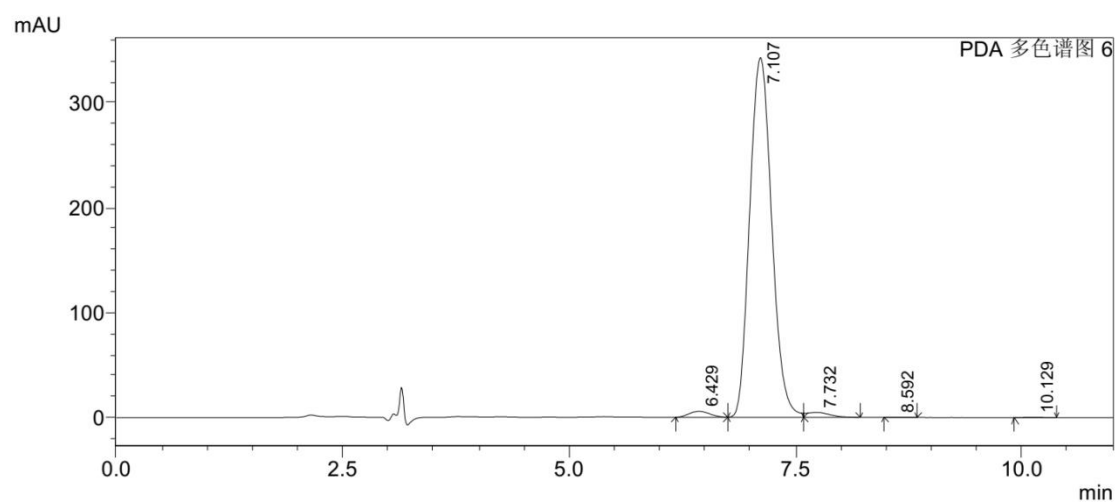


Figure S17. HPLC Spectrum of compound **NK2**.

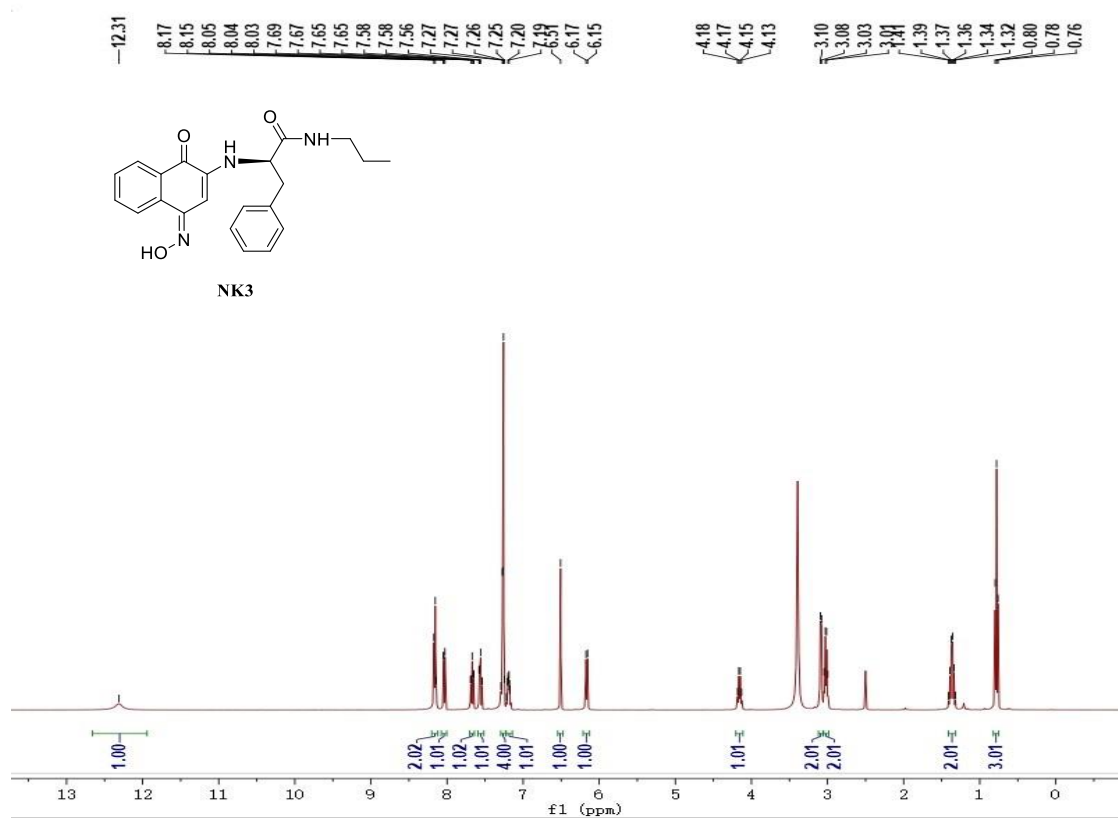


Figure S18. <sup>1</sup>H NMR Spectrum of compound **NK3**.

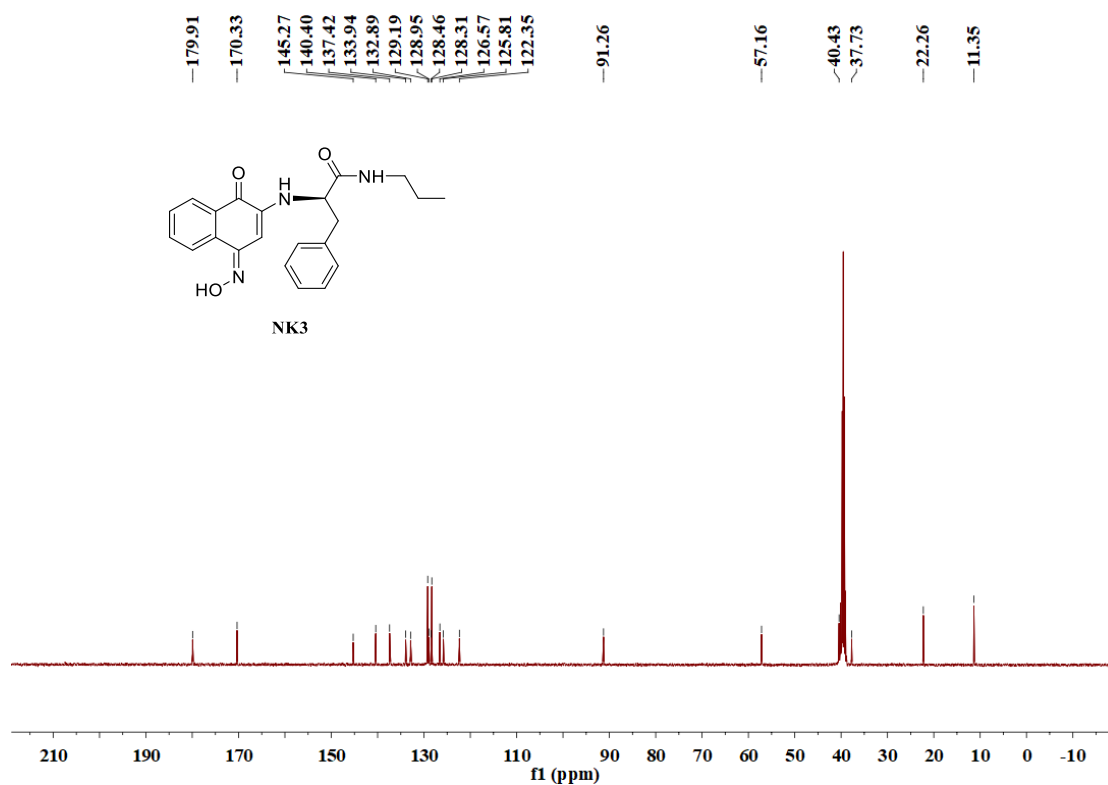


Figure S19. <sup>13</sup>C NMR Spectrum of compound **NK3**.

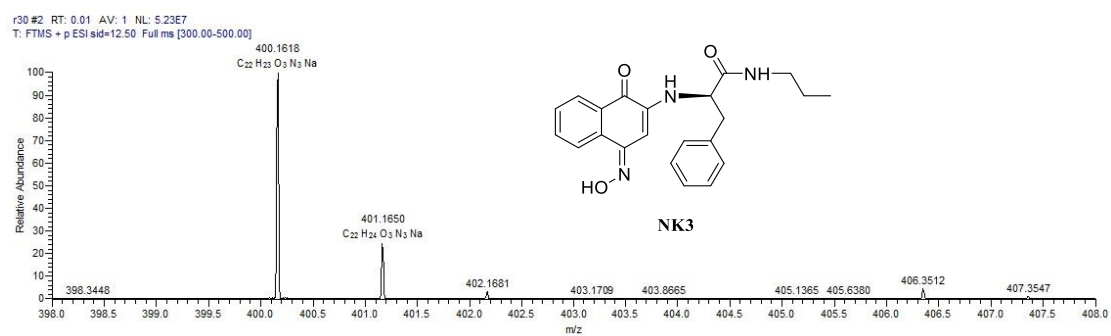


Figure S20. HRMS Spectrum of compound **NK3**.

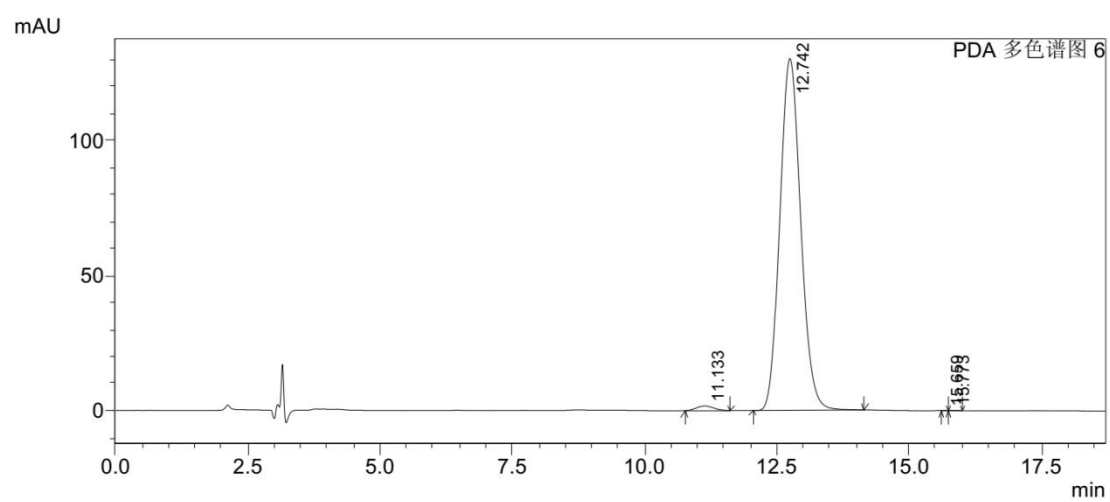


Figure S21. HPLC Spectrum of compound **NK3**.