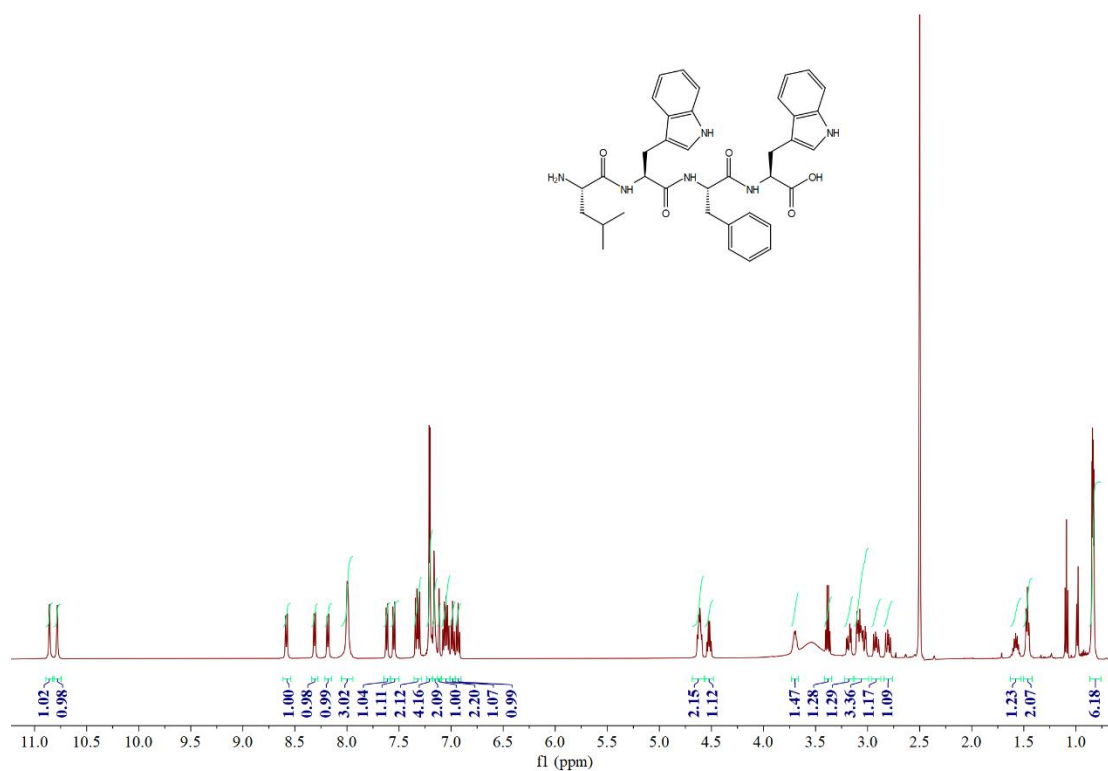
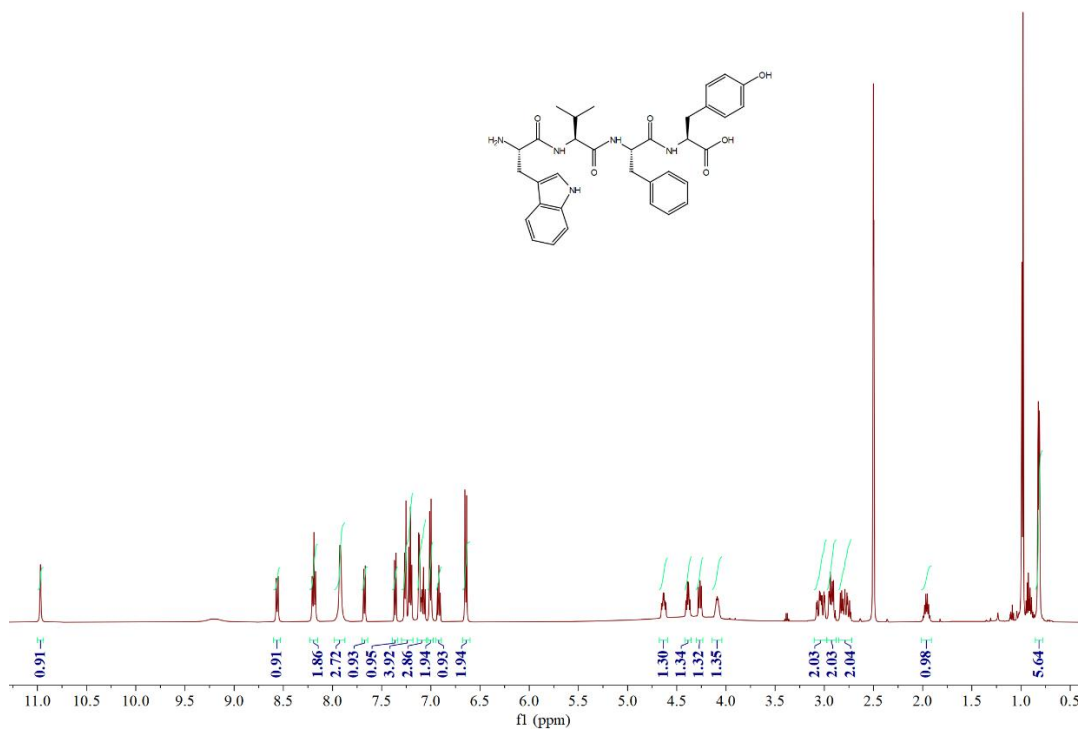


1. Compound **LFWF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.86 (d,  $J = 2.4$  Hz, 1H), 10.78 (d,  $J = 2.4$  Hz, 1H), 8.58 (d,  $J = 8.2$  Hz, 1H), 8.31 (d,  $J = 7.5$  Hz, 1H), 8.18 (d,  $J = 8.1$  Hz, 1H), 8.00 (d,  $J = 5.3$  Hz, 3H), 7.62 (d,  $J = 7.9$  Hz, 1H), 7.55 (d,  $J = 7.9$  Hz, 1H), 7.32 (dd,  $J = 13.2, 8.1$  Hz, 2H), 7.21 (m, 4H), 7.16 (m, 2H), 7.12 (d,  $J = 2.3$  Hz, 1H), 7.05 (m, 2H), 6.98 (td,  $J = 7.5, 7.0, 1.0$  Hz, 1H), 6.94 (m, 1H), 4.61 (m, 2H), 4.52 (td,  $J = 7.4, 5.9$  Hz, 1H), 3.70 (m, 1H), 3.38 (m, 1H), 3.18 (dd,  $J = 14.8, 5.9$  Hz, 1H), 3.06 (m, 3H), 2.92 (dd,  $J = 14.9, 8.9$  Hz, 1H), 2.80 (dd,  $J = 14.1, 9.2$  Hz, 1H), 1.58 (m, 1H), 1.46 (t,  $J = 7.2$  Hz, 2H), 0.84 (dd,  $J = 6.5, 3.8$  Hz, 6H).



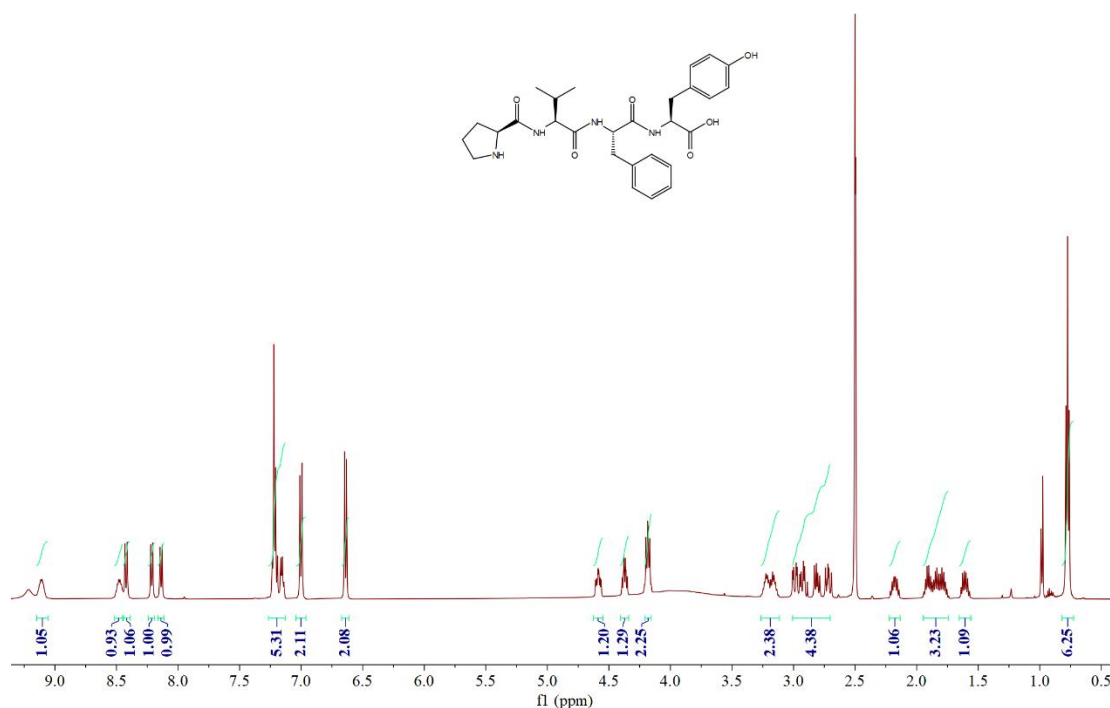
2. Compound **WV FY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.97 (d,  $J = 2.5$  Hz, 1H), 8.56 (d,  $J = 8.9$  Hz, 1H), 8.19 (t,  $J = 8.3$  Hz, 2H), 7.92 (td,  $J = 5.4$  Hz, 3H), 7.68 (d,  $J = 7.9$  Hz, 1H), 7.36 (d,  $J = 8.1$  Hz, 1H), 7.26 (m, 2H), 7.21 (t,  $J = 7.6$  Hz, 2H), 7.09 (m, 3H), 7.01 (d,  $J = 8.4$  Hz, 2H), 6.92 (m, 1H), 6.64 (d,  $J = 8.4$  Hz, 2H), 4.63

(m, 1H), 4.29 (td,  $J = 7.9, 5.5$  Hz, 1H), 4.26 (dd,  $J = 8.9, 6.6$  Hz, 1H), 4.09 (dt,  $J = 9.6, 5.1$  Hz, 1H), 3.04 (ddd,  $J = 22.5, 14.5, 4.5$  Hz, 2H), 2.93 (m, 2H), 2.79 (ddd,  $J = 25.8, 14.0, 8.9$  Hz, 2H), 1.96(m, 1H), 0.83 (m, 6H).

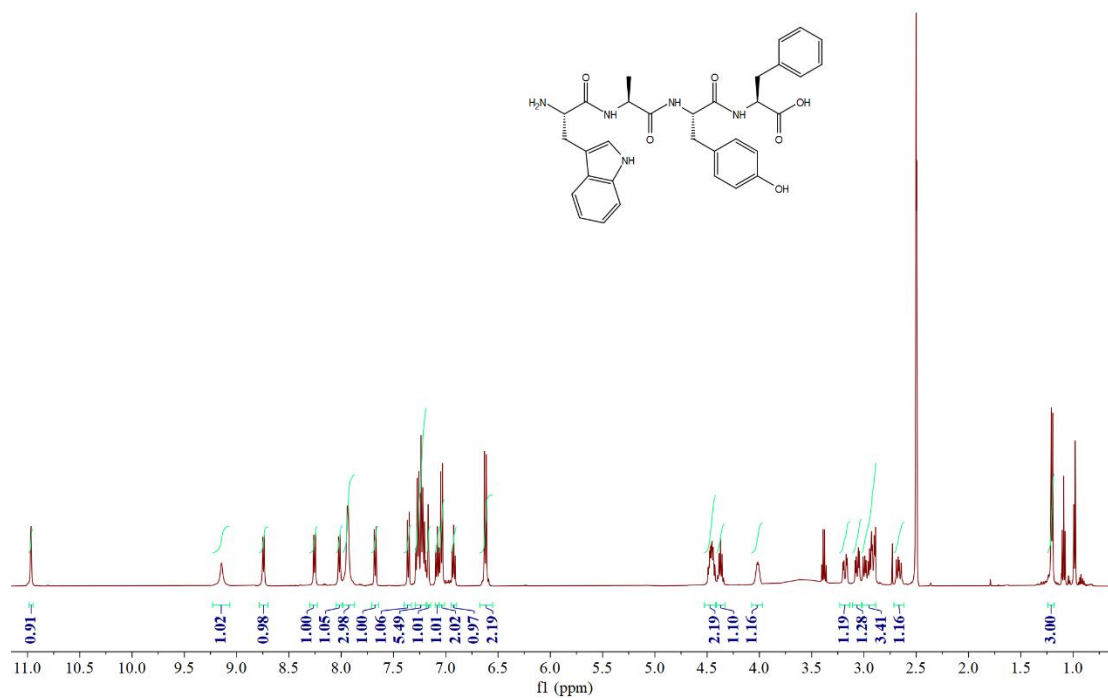


3. Compound **PVFY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$   $^1\text{H}$  NMR (500 MHz,

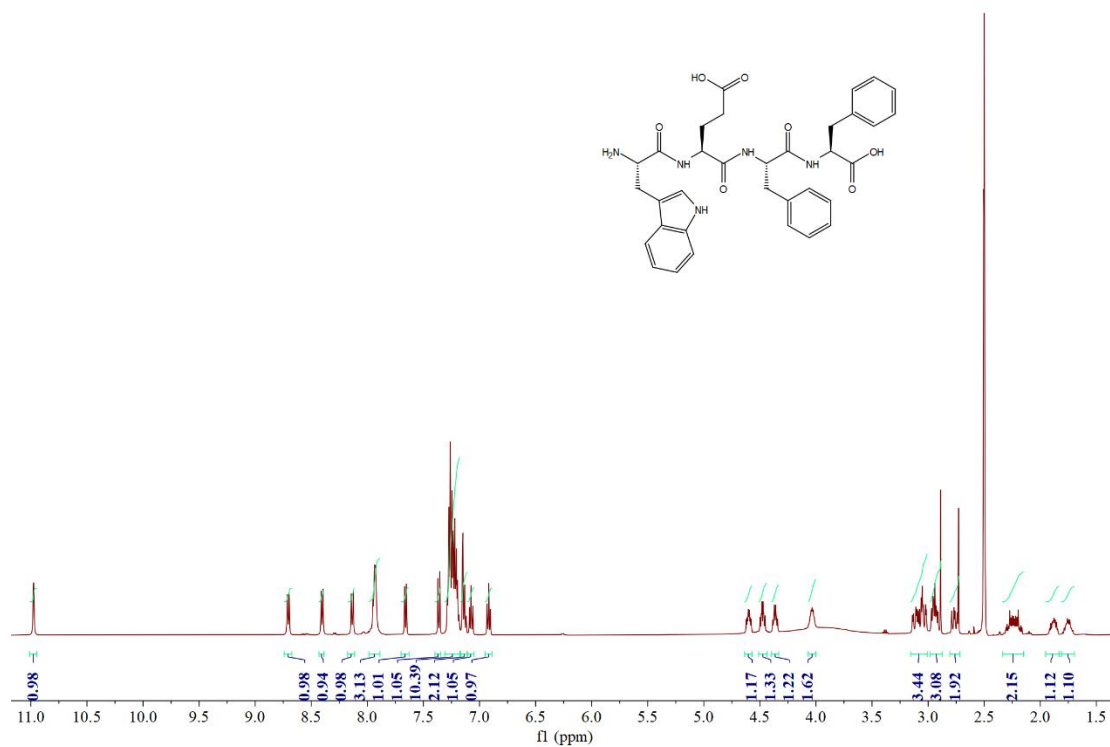
DMSO- $d_6$ )  $\delta$  9.11 (d,  $J = 5.5$  Hz, 1H), 8.48 (dd,  $J = 11.4, 5.9$  Hz, 1H), 8.42 (d,  $J = 9.0$  Hz, 1H), 8.21 (d,  $J = 7.8$  Hz, 1H), 8.14 (d,  $J = 8.5$  Hz, 1H), 7.19 (m, 5H), 7.00 (d,  $J = 8.5$  Hz, 2H), 6.64 (d,  $J = 8.4$  Hz, 2H), 4.59 (td,  $J = 10.2, 8.5, 4.1$  Hz, 1H), 4.37 (td,  $J = 8.0, 5.4$  Hz, 1H), 4.18 (m, 2H), 3.19 (m, 2H). 2.86 (m, 4H), 2.18 (m, 1H), 1.85 (m, 3H), 1.61 (m, 1H), 0.77 (t,  $J = 6.9$  Hz, 6H).



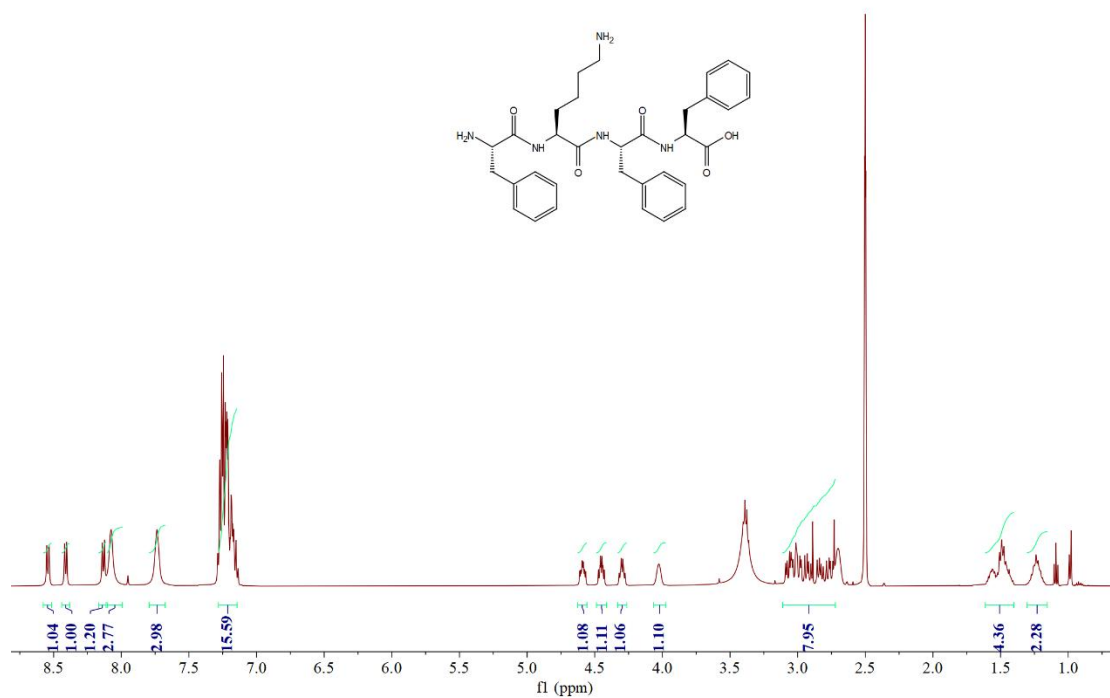
4. Compound **WAYF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.97 (d, J = 2.5 Hz, 1H), 9.14 (s, 1H), 8.74 (d, J = 7.5 Hz, 1H), 8.26 (s, 1H), 8.02 (d, J = 8.2 Hz, 1H), 7.94 (d, J = 5.4 Hz, 3H), 7.67 (d, J = 7.9 Hz, 1H), 7.36 (d, J = 8.1 Hz, 1H), 7.23 (m, 5H), 7.17 (d, J = 2.5 Hz, 1H), 7.08 (ddd, J = 8.2, 7.0, 1.1 Hz, 1H), 7.04 (d, J = 8.5 Hz, 2H), 6.92 (ddd, J = 8.0, 6.9, 1.0 Hz, 1H), 6.62 (d, J = 8.4 Hz, 2H), 4.46 (m, 2H), 4.37 (dt, J = 7.0 Hz, 1H), 4.02 (dt, J = 9.7, 4.9 Hz, 1H), 3.18 (dd, J = 14.9, 4.6 Hz, 1H), 3.06 (dd, J = 13.9, 5.3 Hz, 1H), 2.95 (m, 3H), 2.67 (dd, J = 14.1, 9.0 Hz, 1H), 1.20 (d, J = 7.0 Hz, 3H).



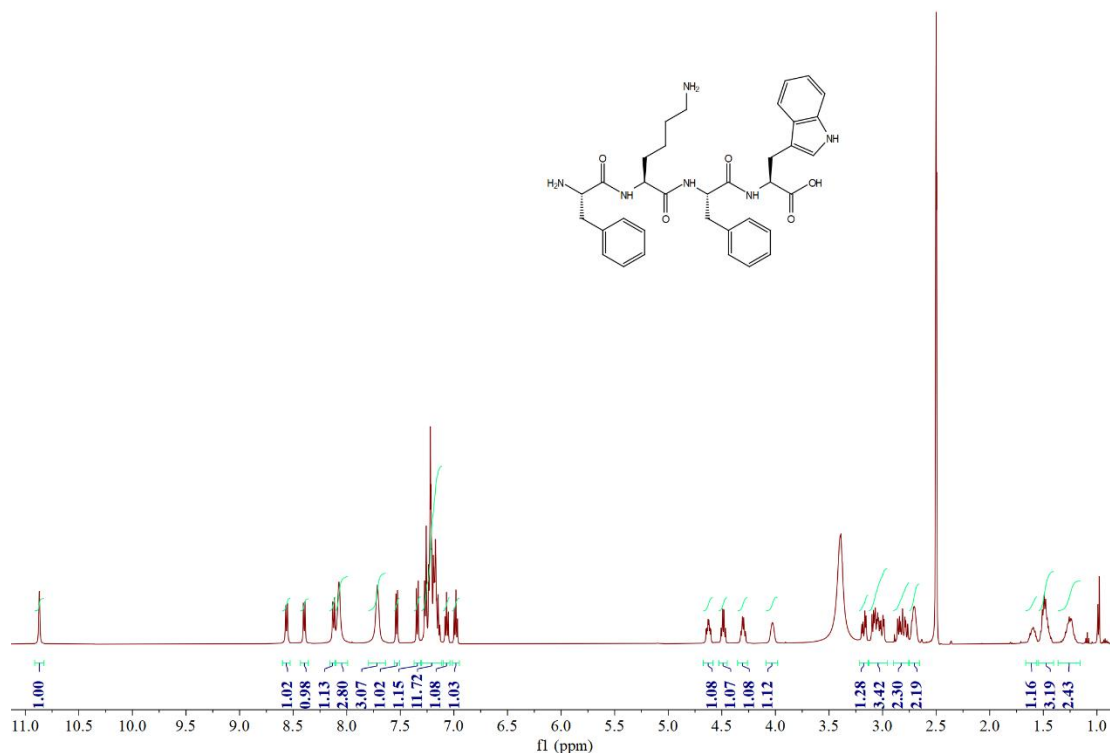
5. Compound **WEFF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.98 (d,  $J = 2.5$  Hz, 1H), 8.71 (d,  $J = 8.1$  Hz, 1H), 8.40 (d,  $J = 7.8$  Hz, 1H), 8.13 (d,  $J = 8.2$  Hz, 1H), 7.94 (m, 3H), 7.66 (d,  $J = 7.9$  Hz, 1H), 7.36 (d,  $J = 8.1$  Hz, 1H), 7.24 (m, 10H), 7.14 (m, 2H), 7.07 (ddd,  $J = 8.1, 6.9, 1.1$  Hz, 1H), 6.92 (m, 1H), 4.60 (m, 1H), 4.48 (td,  $J = 8.2, 5.4$  Hz, 1H), 4.36 (td,  $J = 8.1, 5.2$  Hz, 1H), 4.03 (dt,  $J = 9.7, 5.0$  Hz, 1H), 3.07 (m, 3H), 2.93 (m, 3H), 2.76 (m, 2H), 2.23 (m, 2H), 1.88 (m, 1H), 1.75 (m, 1H).



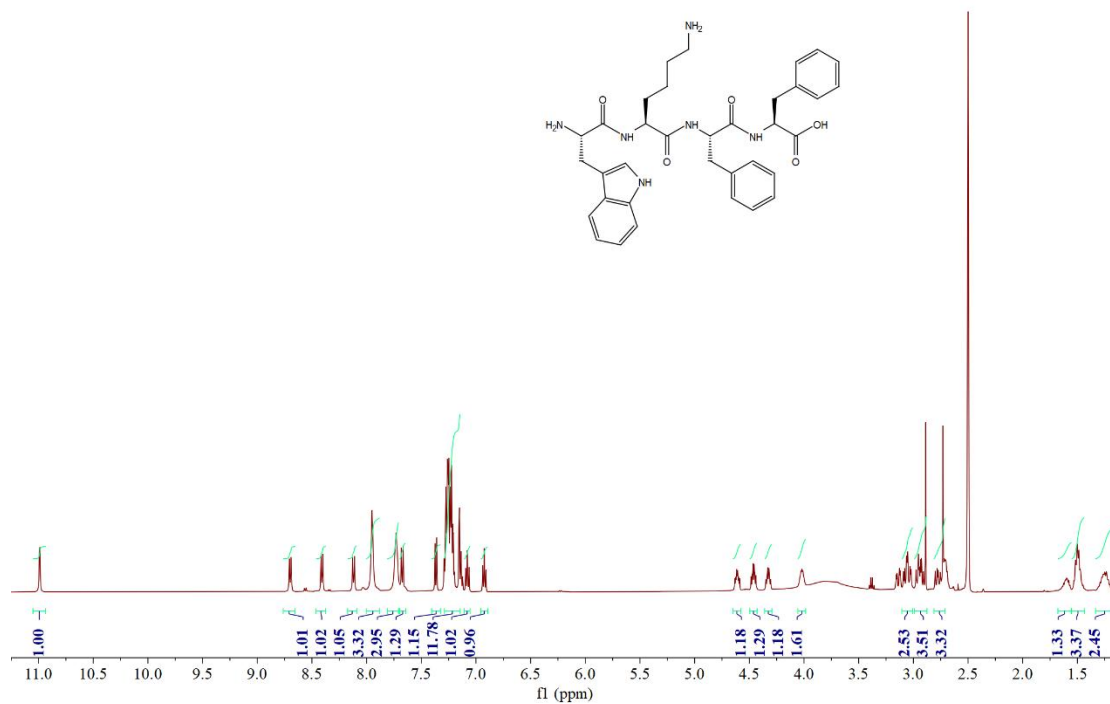
6. Compound **FKFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.54 (d, J = 8.2 Hz, 1H), 8.41 (d, J = 7.8 Hz, 1H), 8.13 (d, J = 8.3 Hz, 1H), 8.08 (s, 3H), 7.22 (m, 15H), 4.59 (m, 1H), 4.45 (td, J = 8.3, 5.3 Hz, 1H), 4.30 (td, J = 8.2, 5.4 Hz, 1H), 4.03 (s, 1H), 2.93 (m, 6H), 1.52 (m, 4H), 1.24 (m, 2H).



7. Compound **FKFW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.87 (d, J = 2.4 Hz, 1H), 8.56 (d, J = 8.2 Hz, 1H), 8.40 (d, J = 7.5 Hz, 1H), 8.12 (d, J = 8.2 Hz, 1H), 8.07 (s, 3H), 7.71 (s, 3H), 7.53 (d, J = 7.9 Hz, 1H), 7.34 (d, J = 8.1 Hz, 1H), 7.21 (m, 11H), 7.06 (m, 1H), 6.98 (t, J = 7.4 Hz, 1H), 4.62 (m, 1H), 4.49 (td, J = 7.5, 5.7 Hz, 1H), 4.30 (td, J = 8.2, 5.4 Hz, 1H), 4.03 (s, 1H), 3.17 (dd, J = 14.7, 5.7 Hz, 1H), 3.05 (m, 3H), 2.81 (m, 2H), 2.72 (d, J = 12.1 Hz, 2H), 1.59 (m, 1H), 1.48 (m, 3H), 1.24 (dd, J = 10.3, 6.2 Hz, 2H).

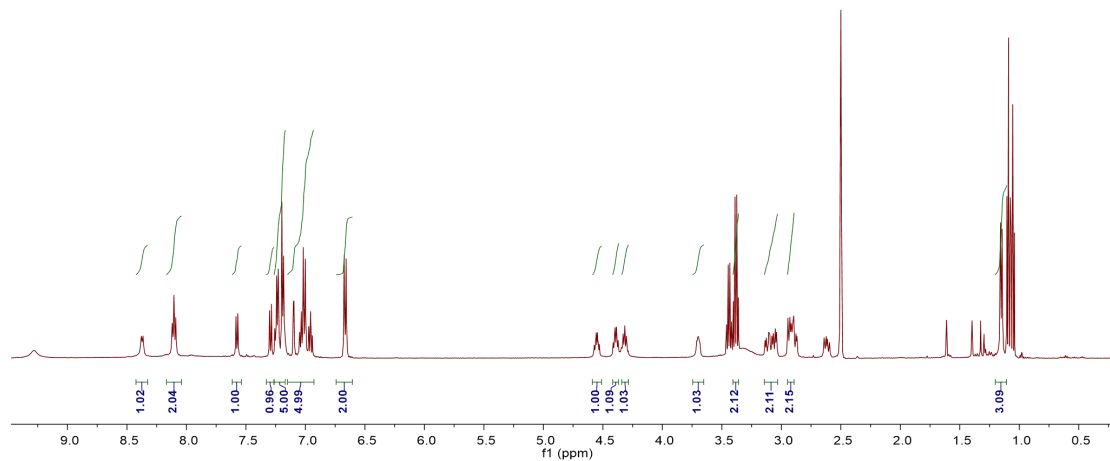
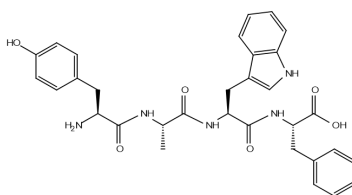


8. Compound **WKFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.99 (D, J = 2.5 Hz, 1H), 8.70 (d, J = 8.2 Hz, 1H), 8.41 (d, J = 7.8 Hz, 1H), 8.12 (d, J = 8.2 Hz, 1H), 7.95 (d, J = 3.3 Hz, 3H), 7.95 (t, J = 3.5 Hz, 3H), 7.73 (t, J = 5.7 Hz, 3H), 7.67 (d, J = 8.0 Hz, 1H), 7.37 (d, J = 8.1 Hz, 1H), 7.24 (m, 10H), 7.08 (ddd, J = 8.1, 6.9, 1.1 Hz, 1H), 6.93 (m, 1H), 4.61 (td, J = 8.8, 4.3 Hz, 1H), 4.40 (td, J = 8.3, 5.2 Hz, 1H), 4.33 (td, J = 8.2, 5.4 Hz, 1H), 4.02 (m, 1H), 3.05 (m, 2H), 2.92 (m, 3H), 2.76 (m, 2H), 1.60 (m, 2H), 1.49 (m, 3H), 1.24 (m, 3H).

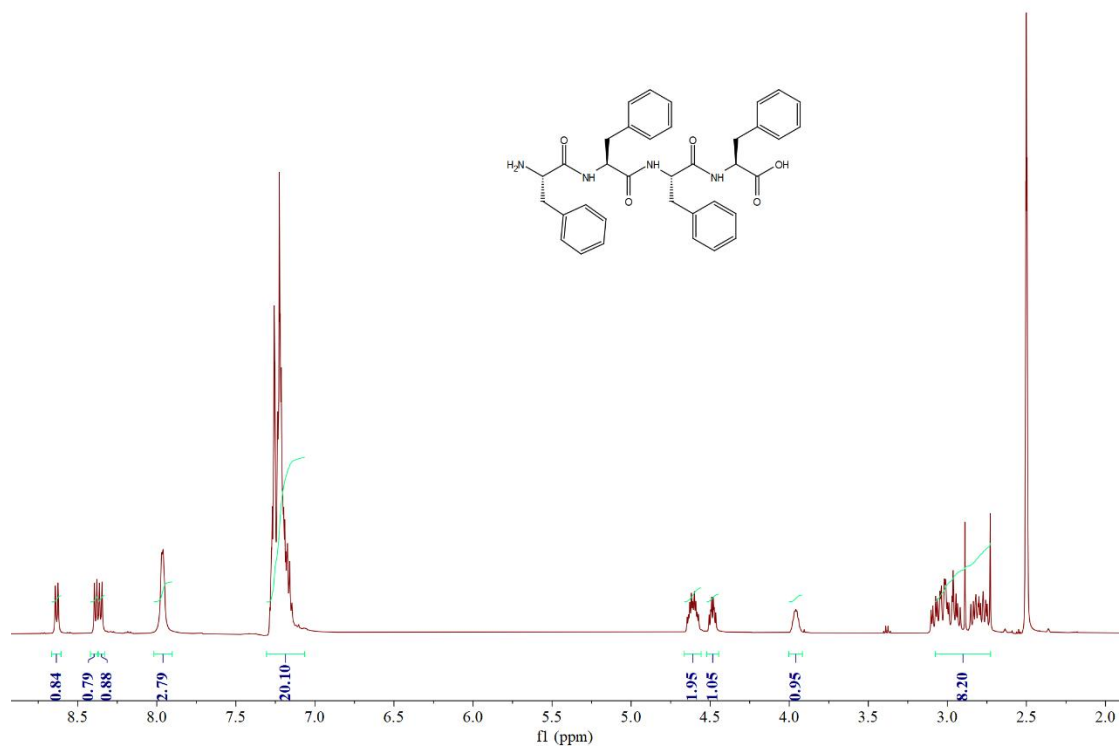


9. Compound **YAWF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.37 (d, J = 7.6 Hz, 1H), 8.11 (t, J = 7.4 Hz, 2H), 7.58 (d, J = 7.9 Hz, 1H), 7.33 – 7.26 (m, 1H), 7.26 – 7.17 (m, 5H), 7.15 – 6.93 (m, 5H), 6.74 – 6.61 (m, 2H), 4.55 (td, J = 8.3, 5.0 Hz, 1H), 4.39 (td, J = 7.8, 5.4 Hz, 1H), 4.31 (q, J = 7.1 Hz, 1H), 3.70 (dd, J = 8.9, 4.5 Hz, 1H), 3.38 (q, J = 7.0 Hz, 2H), 3.09 (ddd, J = 28.0, 14.3, 5.2 Hz, 2H), 2.95 – 2.89 (m, 2H), 1.15 (d, J = 7.0 Hz, 3H).

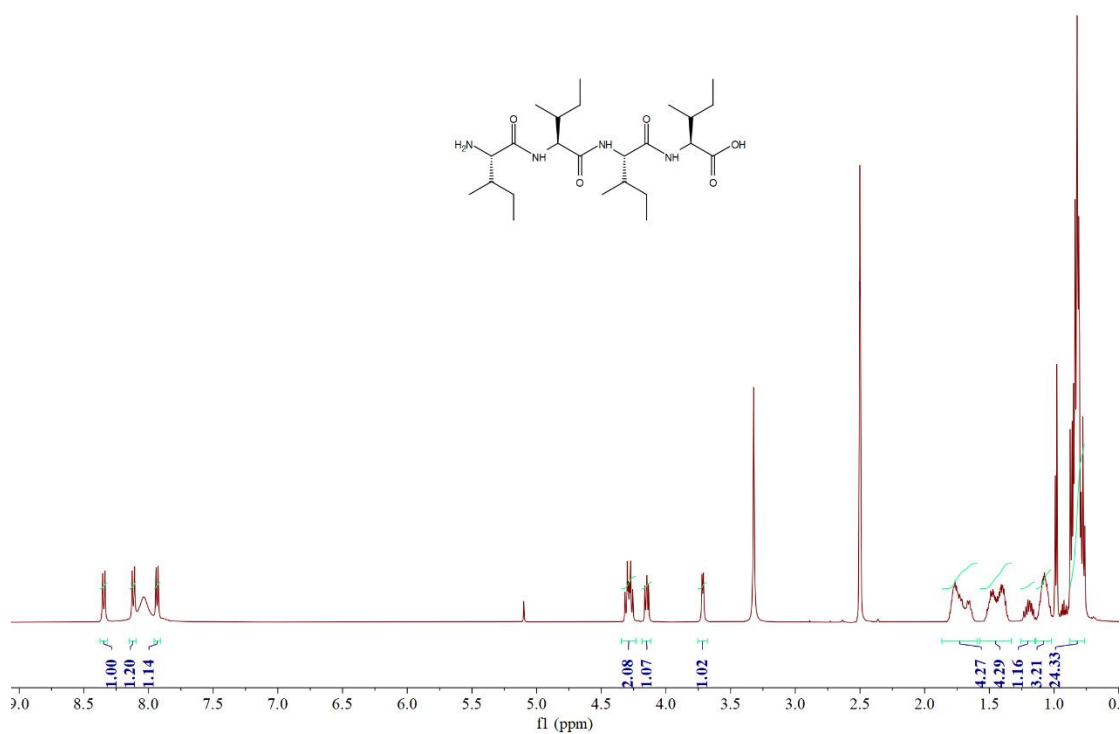




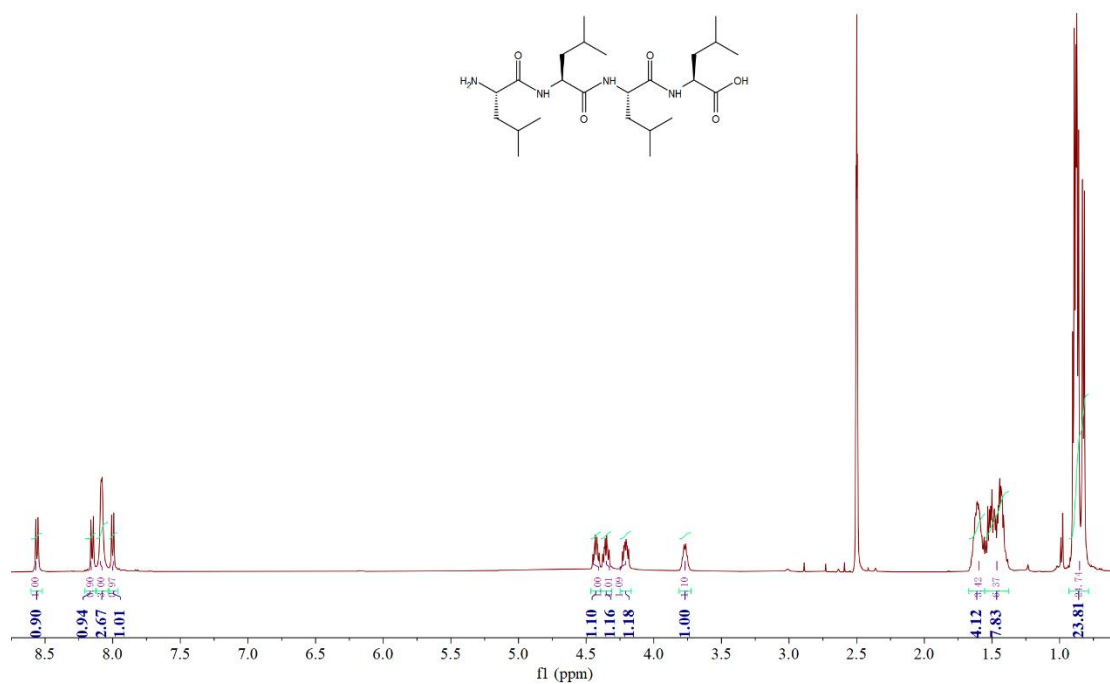
10. Compound **FFFF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.63 (d,  $J = 8.3$  Hz, 1H), 8.39 (d,  $J = 7.8$  Hz, 1H), 8.35 (d,  $J = 8.3$  Hz, 1H), 7.96 (d,  $J = 5.7$  Hz, 3H), 7.22 (m, 20H), 4.61 (m, 2H), 4.49 (td,  $J = 8.2, 5.3$  Hz, 1H), 3.90 (dt,  $J = 9.5$  Hz, 4.9 Hz, 1H), 2.89 (m, 8H).



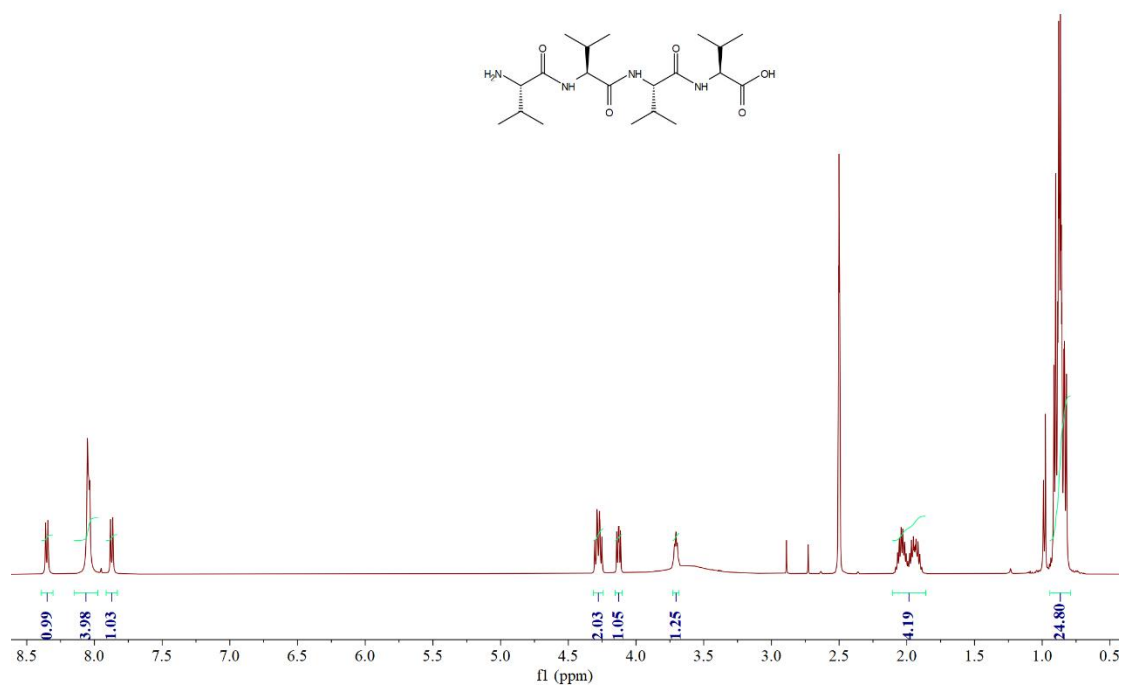
11. Compound **IIII**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.35 (d, J = 8.7 Hz, 1H), 8.12 (d, J = 9.1 Hz, 1H), 7.93 (d, J = 8.3 Hz, 1H), 4.29 (dt, J = 12.8, 8.6 Hz, 2H), 4.15 (dd, J = 8.3, 6.3 Hz, 1H), 3.72 (d, J = 5.5 Hz, 1H), 1.72 (m, 4H), 1.44 (m, 4H), 1.20 (m, 1H), 0.82 (m, 24H).



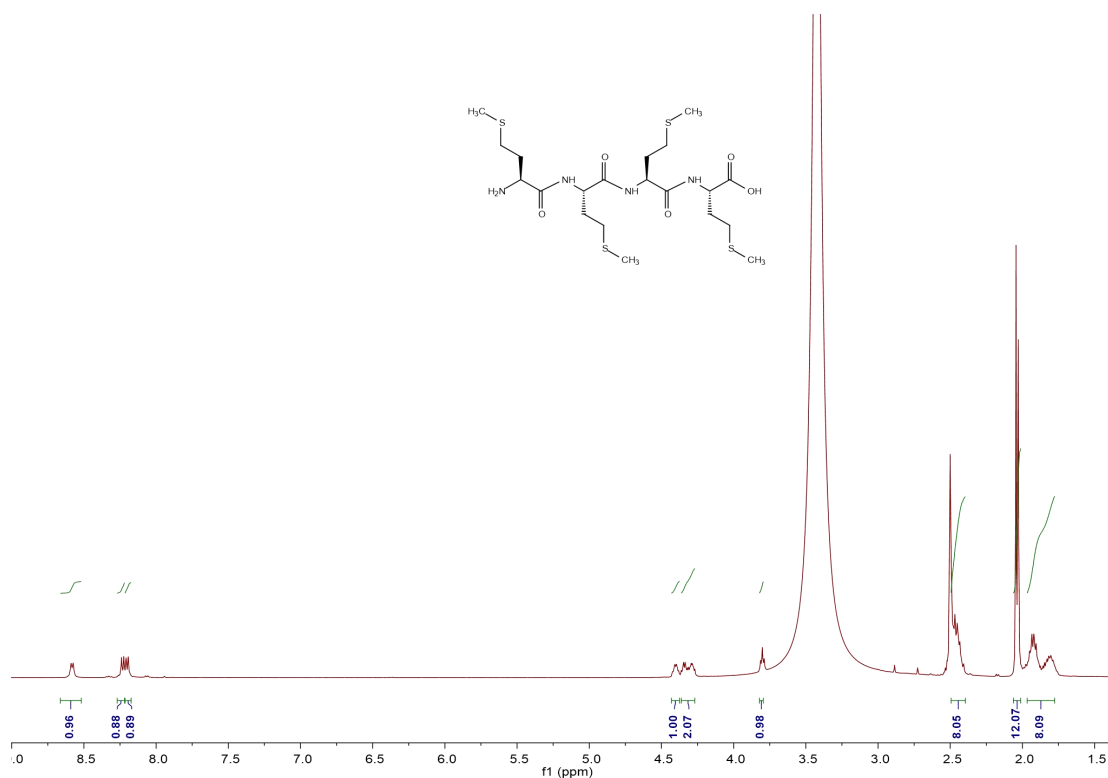
12. Compound **LLLL**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.56 (d, J = 8.4 Hz, 1H), 8.15 (d, J = 8.5 Hz, 1H), 8.08 (d, J = 5.3 Hz, 3H), 8.00 (d, J = 8.0 Hz, 1H), 4.43 (td, J = 8.7, 5.9 Hz, 1H), 4.35 (td, J = 8.9, 5.8 Hz, 1H), 4.21 (m, 1H), 3.77 (td, J = 6.4 Hz, 1H), 1.60 (m, 3H), 1.47 (m, 6H), 0.86 (m, 24H).



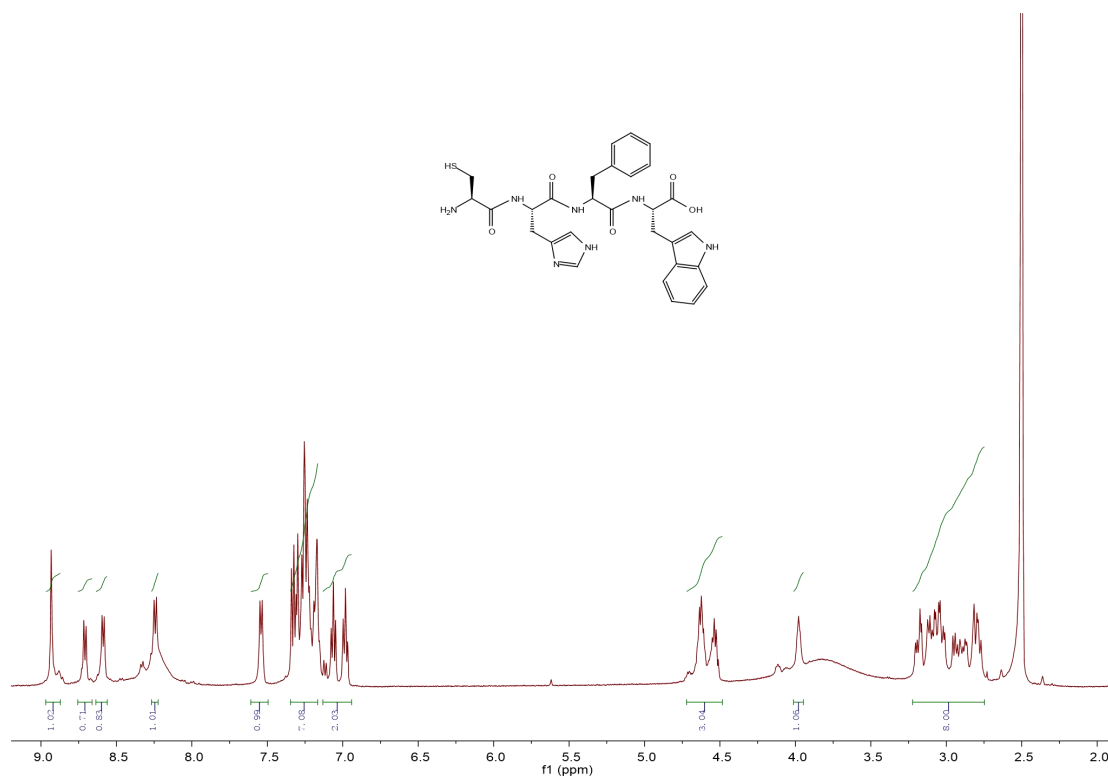
13. Compound VVVV:  $^1\text{H NMR}$  (500 MHz, DMSO- $d_6$ )  $\delta$  8.35 (d,  $J = 8.5$  Hz, 1H), 8.05 (m, 4H), 7.87 (d,  $J = 8.3$  Hz, 1H), 4.27 (m, 2H), 4.13 (dd,  $J = 8.3, 5.8$  Hz, 1H), 3.71 (td,  $J = 5.6$  Hz, 1H), 1.99 (m, 4H), 0.87 (m, 24H).



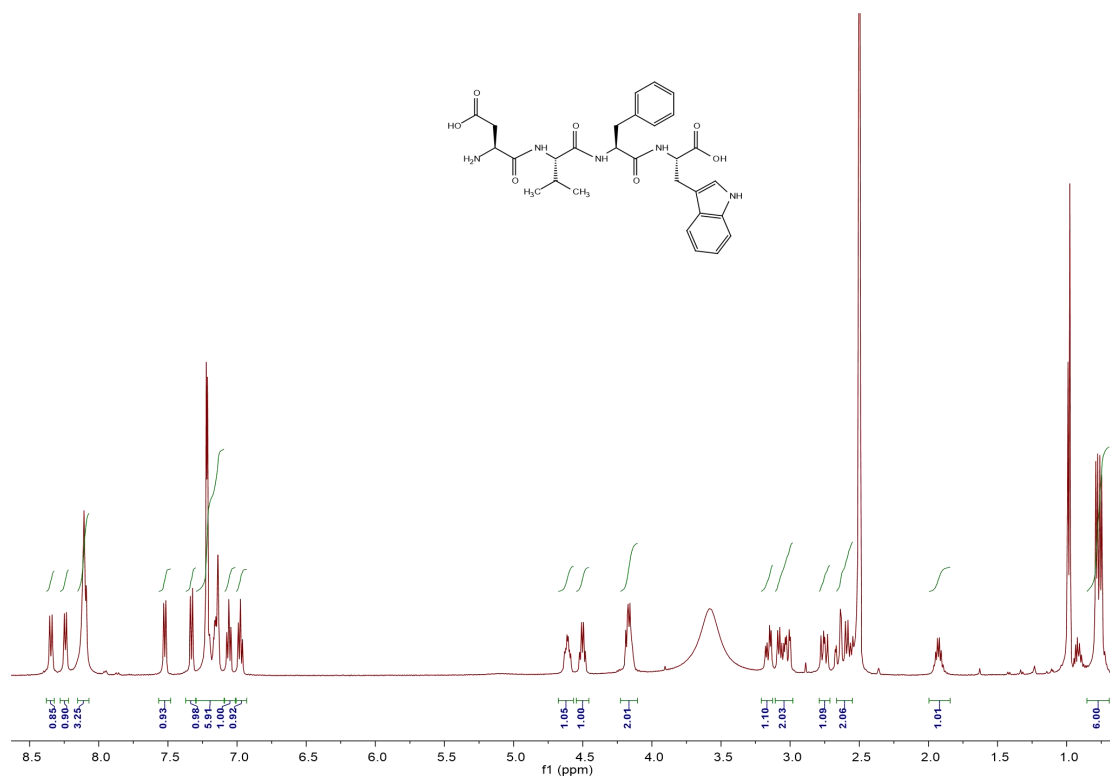
14. Compound **MMMM**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.58 (d,  $J = 7.7$  Hz, 1H), 8.23 (d,  $J = 7.8$  Hz, 1H), 8.20 (d,  $J = 7.7$  Hz, 1H), 4.40 (q,  $J = 7.5$  Hz, 1H), 4.31 (ddq,  $J = 21.4, 8.5, 4.4, 3.7$  Hz, 2H), 3.81 (d,  $J = 6.3$  Hz, 1H), 2.49 – 2.40 (m, 8H), 2.04 (d,  $J = 7.3$  Hz, 12H), 1.97 – 1.78 (m, 8H).



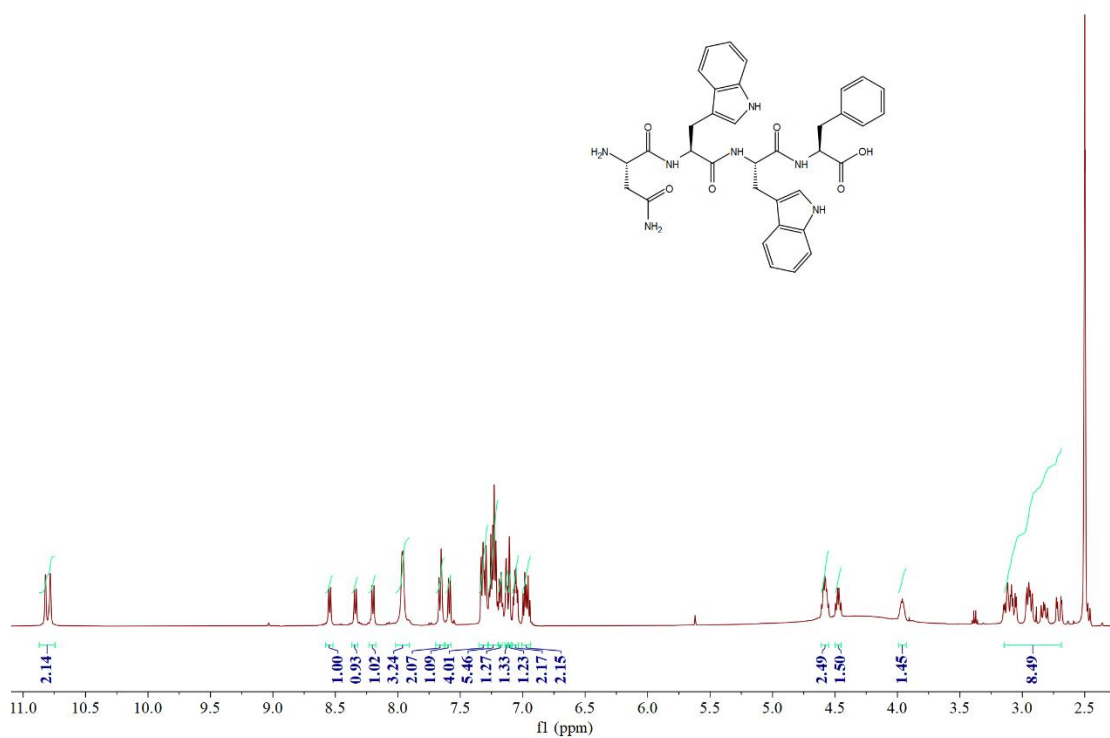
15. Compound **CHFW**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.97 – 8.87 (m, 1H), 8.59 (d,  $J = 7.6$  Hz, 1H), 8.24 (d,  $J = 8.1$  Hz, 1H), 7.61 – 7.49 (m, 1H), 7.35 – 7.17 (m, 7H), 7.13 – 6.94 (m, 2H), 4.72 – 4.48 (m, 3H), 3.97 (d,  $J = 5.8$  Hz, 1H), 3.22 – 2.75 (m, 8H).



16. Compound **DVFW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.35 (d, J = 8.8 Hz, 1H), 8.24 (d, J = 7.6 Hz, 1H), 8.10 (t, J = 6.1 Hz, 3H), 7.52 (d, J = 7.9 Hz, 1H), 7.33 (d, J = 8.1 Hz, 1H), 7.18 (dd, J = 40.0, 3.5 Hz, 6H), 7.06 (t, J = 7.5 Hz, 1H), 6.98 (t, J = 7.5 Hz, 1H), 4.61 (td, J = 9.0, 4.3 Hz, 1H), 4.50 (q, J = 6.9 Hz, 1H), 4.17 (dd, J = 8.9, 6.4 Hz, 2H), 3.16 (dd, J = 14.7, 5.9 Hz, 1H), 3.11 – 2.98 (m, 2H), 2.75 (dd, J = 14.2, 9.9 Hz, 1H), 2.66 – 2.55 (m, 2H), 1.93 (h, J = 6.7 Hz, 1H), 0.77 (dd, J = 14.9, 6.8 Hz, 6H).

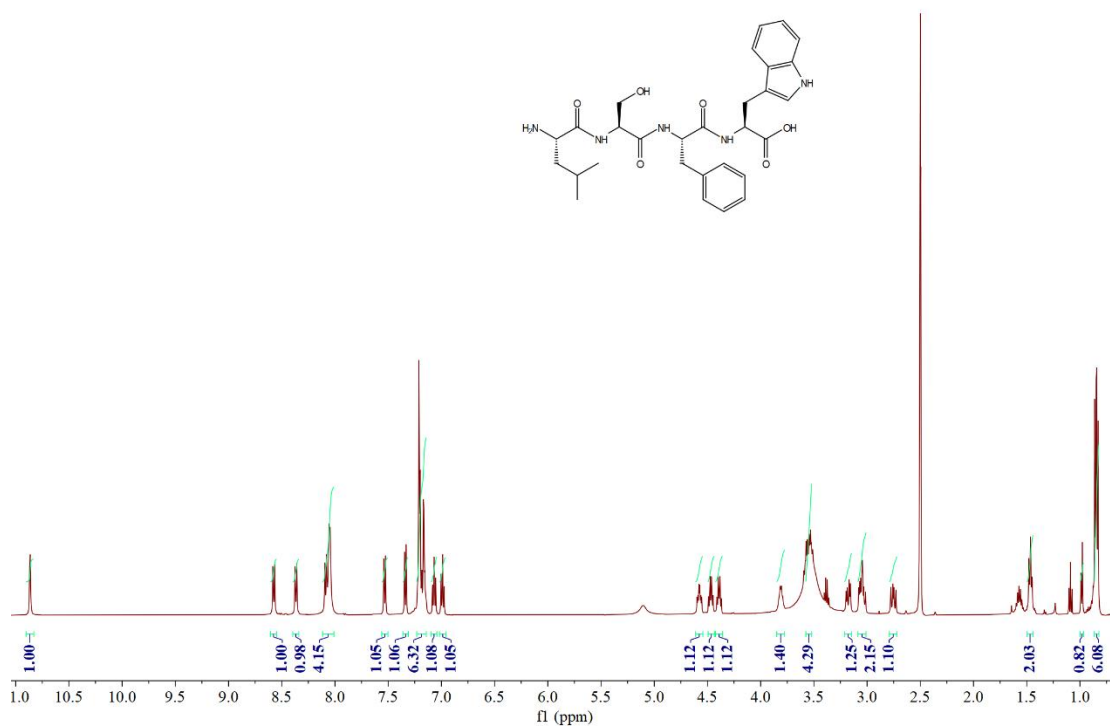


17. Compound NWWF: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.80 (dd, *J* = 19.6, 2.4 Hz, 2H), 8.55 (d, *J* = 7.8 Hz, 1H), 8.34 (d, *J* = 8.0 Hz, 1H), 8.20 (d, *J* = 7.7 Hz, 1H), 7.96 (d, *J* = 5.5 Hz, 3H), 7.66 (m, 2H), 7.59 (d, *J* = 7.9 Hz, 1H), 7.18 (m, 16H), 4.58 (m, 2H), 4.47 (td, *J* = 8.0, 5.5 Hz, 1H), 3.96 (m, 1H), 2.91 (m, 8H).

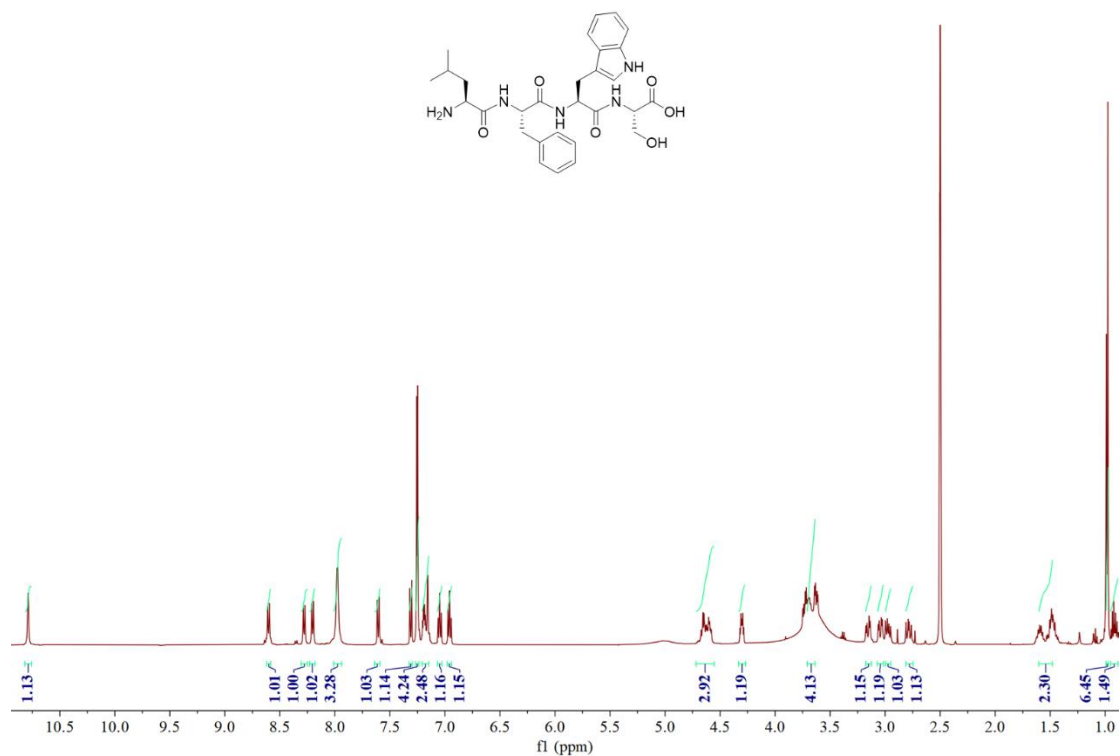


18. Compound **LSFW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.87 (d, *J* = 2.5 Hz, 1H), 8.57 (d, *J* = 8.0 Hz, 1H), 8.37 (d, *J* = 7.6 Hz, 1H), 8.07 (dd, *J* = 18.6, 6.8 Hz, 4H), 7.53 (d, *J* = 7.9 Hz, 1H), 7.34 (d, *J* = 8.1 Hz, 1H), 7.18 (m, 6H), 7.07 (m, 1H), 6.99 (m, 1H), 4.58 (td, *J* = 8.7, 4.1 Hz, 1H), 4.47 (td, *J* = 7.7, 5.6 Hz, 1H), 4.39 (dt, *J* = 8.2, 6.2 Hz, 1H), 3.81 (m, 1H), 3.55 (m, 4H), 2.99 (m, 4H), 1.46 (t, *J* = 7.5 Hz, 2H), 0.98 (d, *J* = 6.7 Hz, 1H), 0.84 (m, 6H).

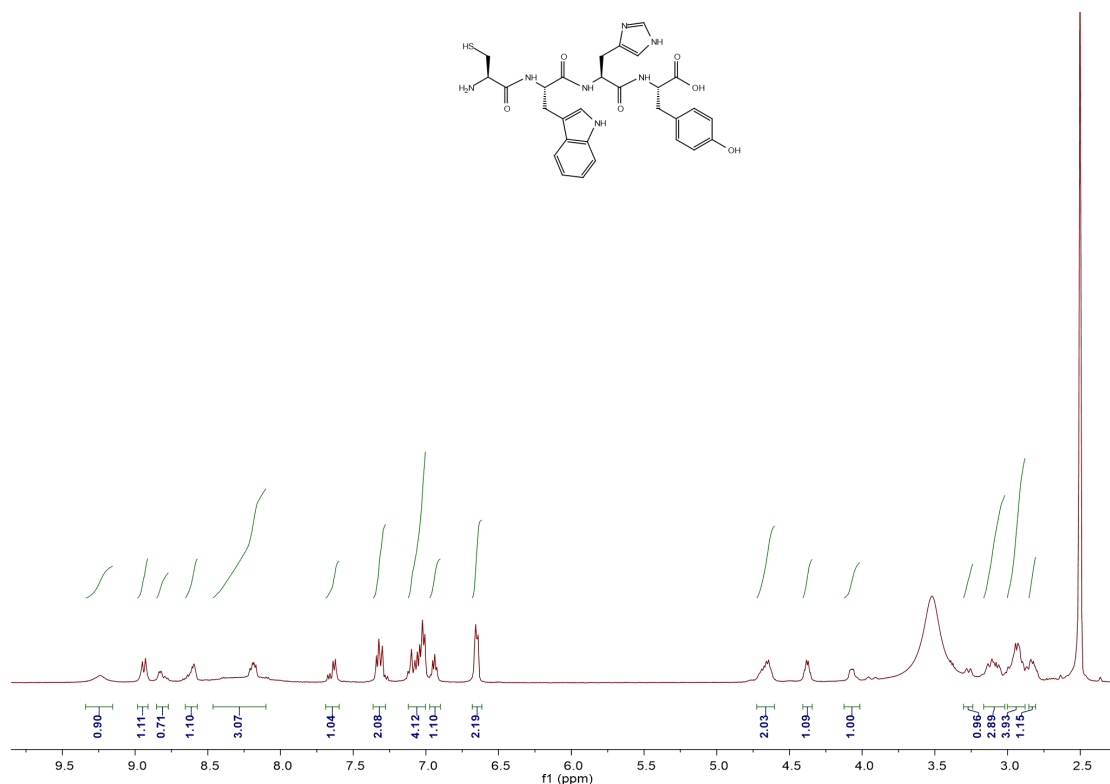
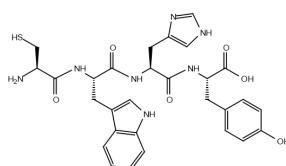




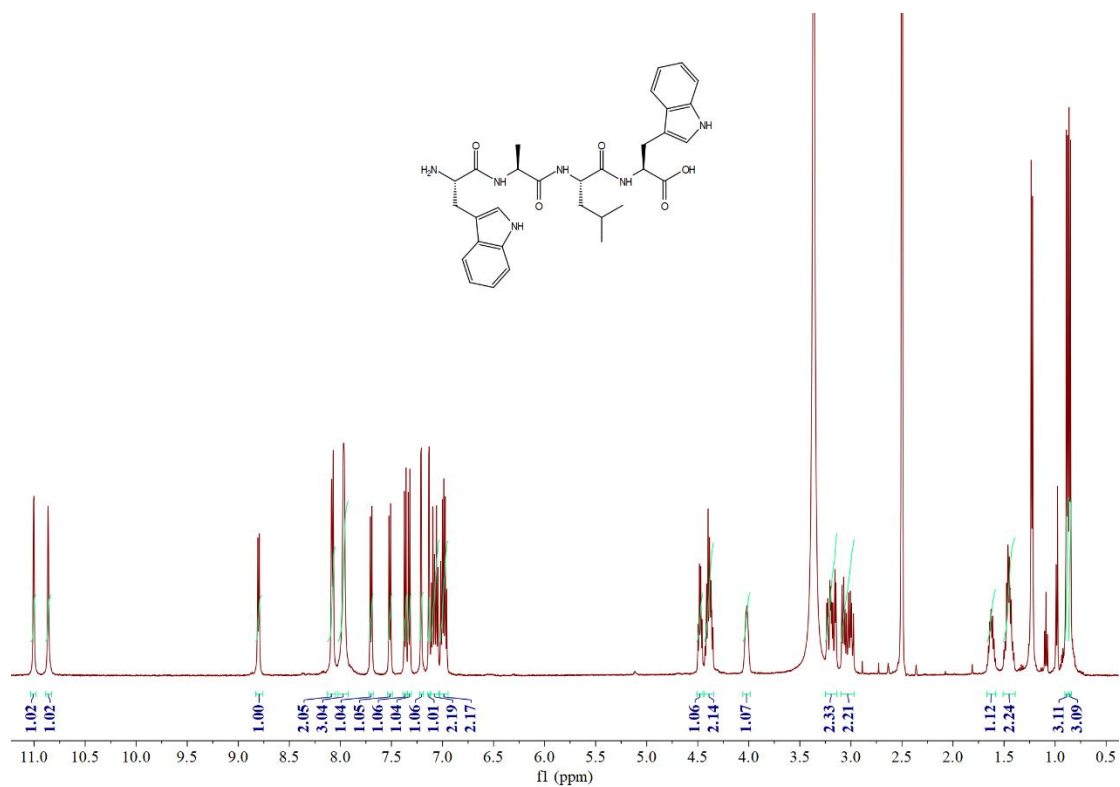
19. Compound **LFWS**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.79 (d, *J* = 2.4 Hz, 1H), 8.60 (d, *J* = 8.1 Hz, 1H), 8.28 (d, *J* = 8.0 Hz, 1H), 8.20 (d, *J* = 7.7 Hz, 1H), 7.61 (d, *J* = 7.9 Hz, 1H), 7.31 (d, *J* = 8.1 Hz, 1H), 7.25 (d, *J* = 4.4 Hz, 4H), 7.18 (m, 2H), 7.05 (td, *J* = 8.1, 6.9, 1.2 Hz, 1H), 6.96 (td, *J* = 7.5, 7.0, 1.0 Hz, 1H), 4.63 (m, 3H), 4.30 (m, 1H), 3.35 (m, 8H), 1.52 (m, 2H), 0.98 (d, *J* = 6.7 Hz, 6H), 0.92 (m, 1H).



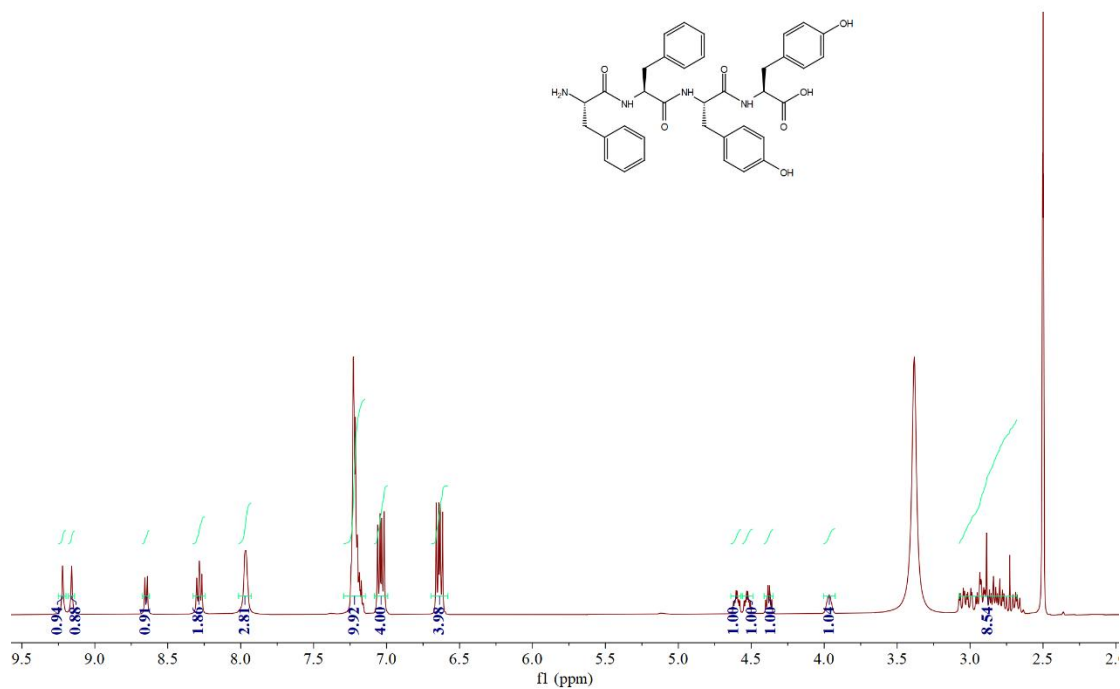
20. Compound **CWHY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  9.24 (s, 1H), 8.94 (d,  $J = 10.6$  Hz, 1H), 8.81 (dd,  $J = 21.0, 8.3$  Hz, 1H), 8.65 – 8.57 (m, 1H), 8.46 – 8.10 (m, 3H), 7.65 (dd,  $J = 18.5, 7.8$  Hz, 1H), 7.31 (dd,  $J = 20.8, 8.9$  Hz, 2H), 7.12 – 7.00 (m, 4H), 6.95 (dd,  $J = 14.2, 6.9$  Hz, 1H), 6.65 (d,  $J = 7.9$  Hz, 2H), 4.67 (dd,  $J = 15.2, 8.2$  Hz, 2H), 4.41 – 4.34 (m, 1H), 4.06 (d,  $J = 4.0$  Hz, 1H), 3.27 (d,  $J = 12.5$  Hz, 1H), 3.16 – 3.02 (m, 3H), 2.94 (dd,  $J = 29.1, 20.5$  Hz, 4H), 2.83 (d,  $J = 9.2$  Hz, 1H).



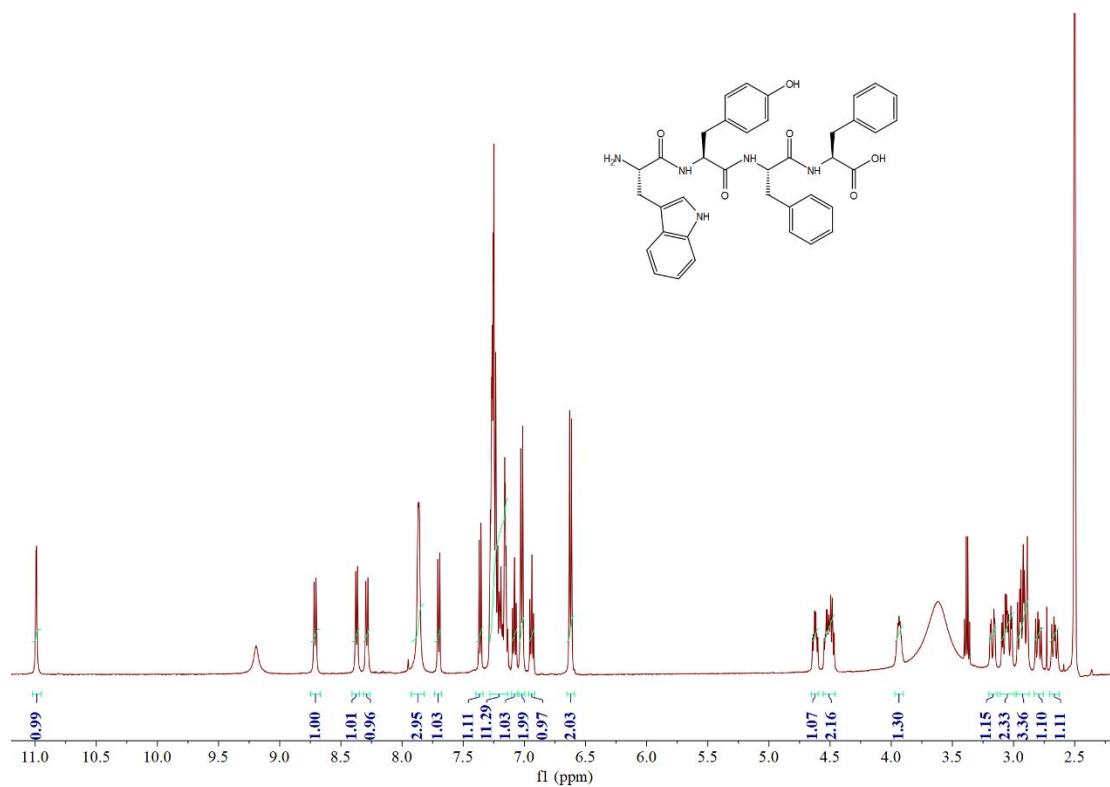
21. Compound **WALW**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  11.00 (d,  $J = 2.5$  Hz, 1H), 10.86 (d,  $J = 2.4$  Hz, 1H), 8.80 (d,  $J = 7.5$  Hz, 1H), 8.08 (dd,  $J = 7.9, 2.0$  Hz, 2H), 7.97 (d,  $J = 5.3$  Hz, 3H), 7.70 (d,  $J = 7.9$  Hz, 1H), 7.52 (d,  $J = 7.9$  Hz, 1H), 7.37 (d,  $J = 8.1$  Hz, 1H), 7.33 (d,  $J = 8.1$  Hz, 1H), 7.21 (d,  $J = 2.4$  Hz, 1H), 7.05 (m, 4H), 4.48 (td,  $J = 7.6, 5.5$  Hz, 1H), 4.39 (m, 2H), 4.02 (m, 1H), 3.19 (m, 2H), 3.03 (m, 2H), 1.63 (m, 1H), 1.45 (m, 2H), 0.88 (d,  $J = 6.6$  Hz, 3H), 0.86 (d,  $J = 6.5$  Hz, 2H).



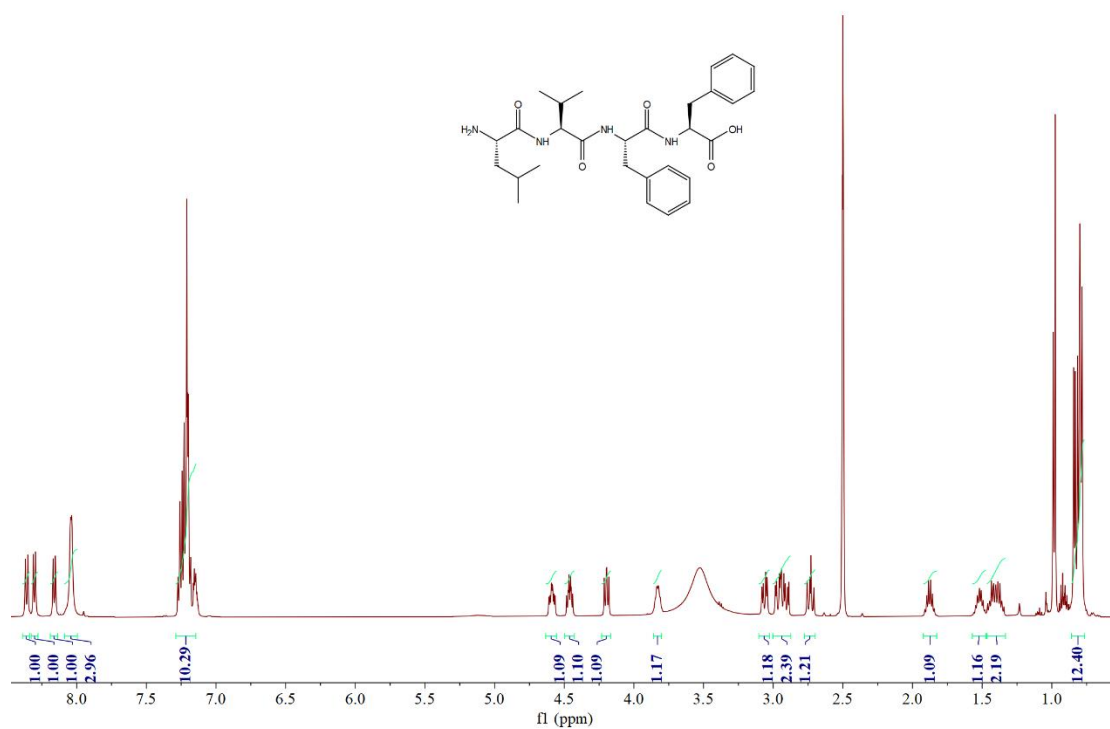
22. Compound **FFYY**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.22 (s, 1H), 9.16 (s, 1H), 8.65 (d, *J* = 8.3 Hz, 1H), 8.28 (dd, *J* = 10.0, 8.0 Hz, 2H), 7.97 (d, *J* = 5.2 Hz, 3H), 7.21 (m, 10H), 7.04 (m, 4H), 6.64 (m, 4H), 4.60 (td, *J* = 8.7, 4.2 Hz, 1H), 4.53 (td, *J* = 8.7, 4.4 Hz, 1H), 4.38 (td, *J* = 7.9, 5.5 Hz, 1H), 3.96 (m, 1H), 2.89 (m, 8H).



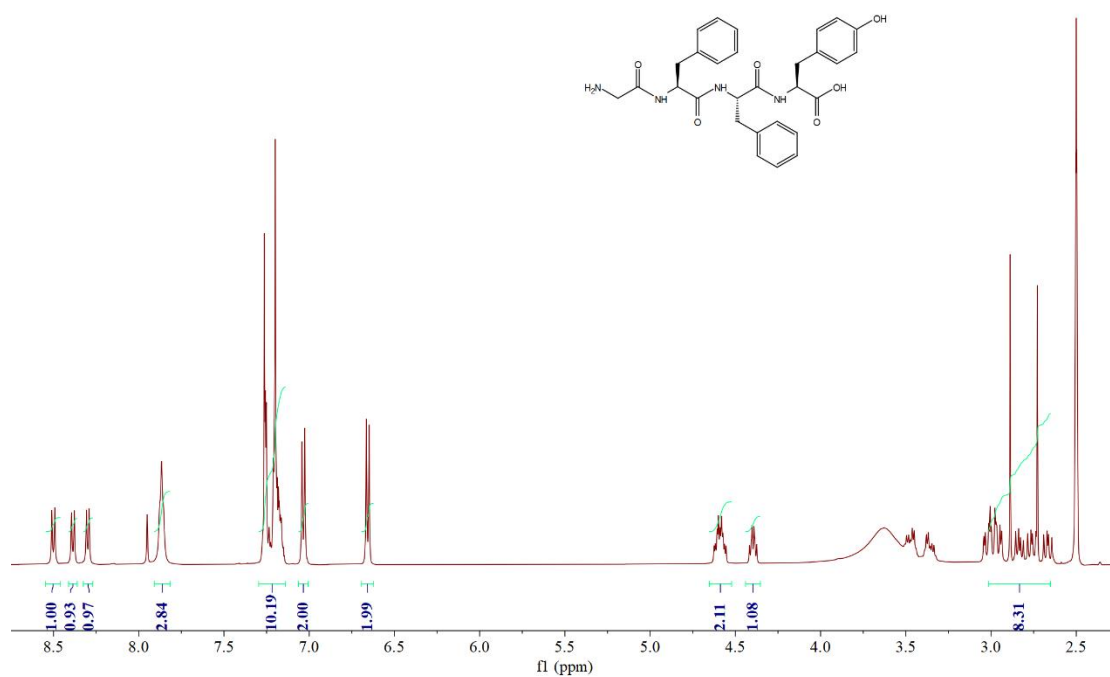
23. Compound **WYFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.99 (d, *J* = 2.4 Hz, 1H), 8.71 (d, *J* = 8.2 Hz, 1H), 8.37 (d, *J* = 7.8 Hz, 1H), 8.29 (d, *J* = 8.2 Hz, 1H), 7.86 (d, *J* = 5.4 Hz, 3H), 7.70 (d, *J* = 7.9 Hz, 1H), 7.36 (d, *J* = 8.1 Hz, 1H), 7.22 (m, 11H), 7.08 (t, *J* = 7.6 Hz, 1H), 7.02 (d, *J* = 8.5 Hz, 2H), 6.94 (t, *J* = 7.5 Hz, 1H), 6.62 (d, *J* = 8.4 Hz, 2H), 4.62 (td, *J* = 8.7, 4.5 Hz, 1H), 4.51 (m, 2H), 3.94 (dt, *J* = 9.8, 4.9 Hz, 1H), 2.93 (m, 8H).



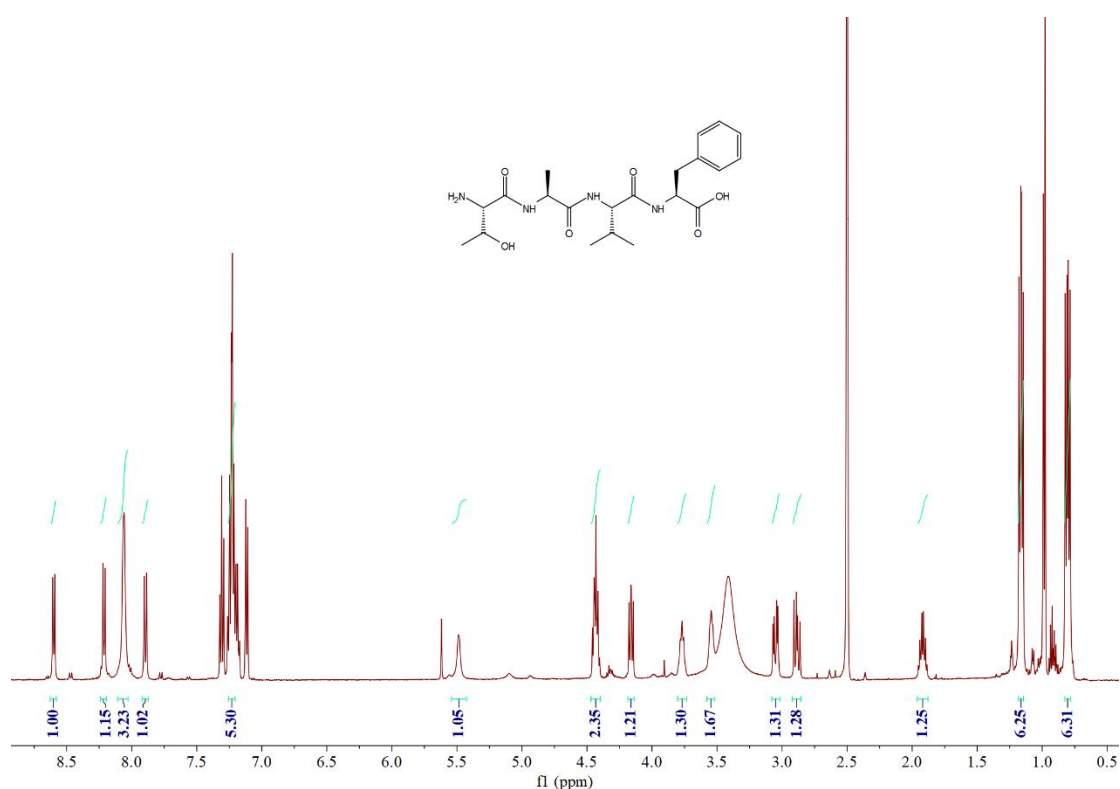
24. Compound **LVFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.36 (d, *J* = 9.0 Hz, 1H), 8.30 (d, *J* = 7.8 Hz, 1H), 8.16 (d, *J* = 8.4 Hz, 1H), 8.04 (d, *J* = 5.3 Hz, 3H), 7.23 (m, 10H), 4.59 (td, *J* = 10.0, 8.4, 4.1 Hz, 1H), 4.46 (td, *J* = 8.2, 5.2 Hz, 1H), 4.20 (dd, *J* = 9.0, 6.9 Hz, 1H), 3.83 (m, 1H), 1.53 (m, 4H), 0.81 (m, 12H).



25. Compound **GFFY**:  $^1\text{H NMR}$  (500 MHz, DMSO- $d_6$ )  $\delta$  8.50 (d,  $J = 8.5$  Hz, 1H), 8.39 (d,  $J = 8.3$  Hz, 1H), 8.30 (d,  $J = 7.7$  Hz, 1H), 7.87 (t,  $J = 5.9$  Hz, 3H), 7.22 (m, 10H), 7.03 (m, 2H), 6.66 (m, 2H), 4.59 (m, 2H), 4.40 (m, 1H), 2.91 (m, 8H).

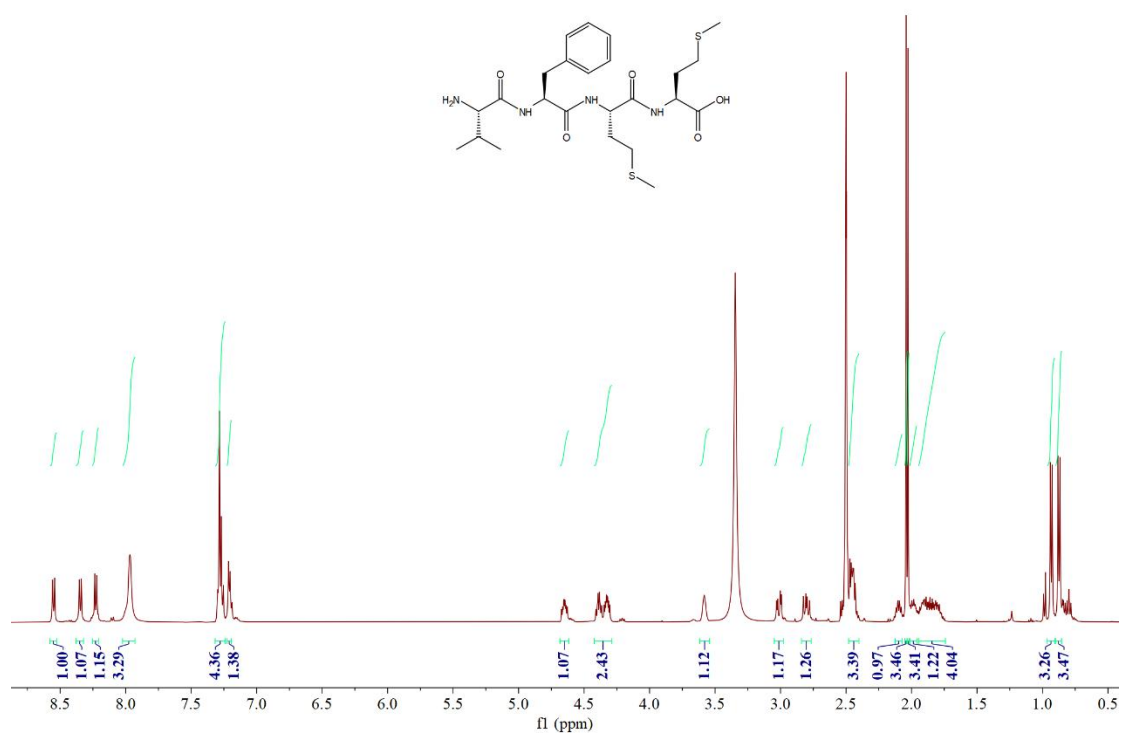


26. Compound **TAVF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.60 (d,  $J = 7.3$  Hz, 1H), 8.21 (d,  $J = 7.8$  Hz, 1H), 8.06 (d,  $J = 5.2$  Hz, 3H), 7.89 (d,  $J = 9.1$  Hz, 1H), 7.23 (m, 5H), 5.49 (s, 1H), 4.44 (m, 2H), 4.16 (dd,  $J = 9.1, 6.9$  Hz, 1H), 3.77 (t,  $J = 6.9$  Hz, 1H), 3.54 (t,  $J = 6.1$  Hz, 1H), 3.05 (dd,  $J = 14.0, 5.1$  Hz, 1H), 2.89 (dd,  $J = 14.0, 9.2$  Hz, 1H), 1.92 (m, 1H), 1.16 (dd,  $J = 9.1, 6.6$  Hz, 6H), 0.80 (dd,  $J = 11.8, 6.8$  Hz, 6H).

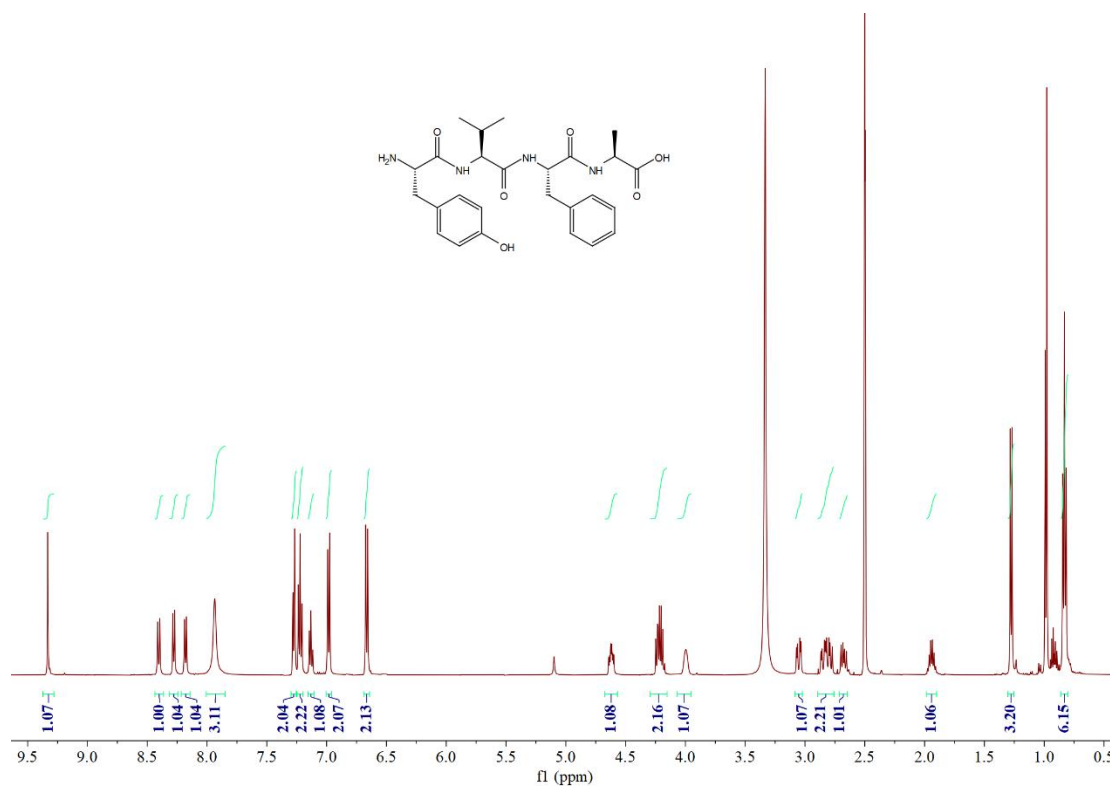
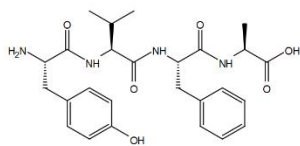


27. Compound **VFMM**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.55 (d,  $J = 7.9$  Hz, 1H), 8.35 (d,  $J = 8.0$  Hz, 1H), 8.23 (d,  $J = 7.7$  Hz, 1H), 7.97 (s, 3H), 7.27 (m, 4H), 7.21 (m, 1H), 4.65 (m, 1H), 4.35 (m, 2H), 3.58 (s, 1H), 3.00 (td,  $J = 14.1, 4.4$  Hz, 1H), 2.80 (m, 1H), 2.45 (m, 3H), 2.10 (m, 1H), 2.03 (d,  $J = 7.4$  Hz, 6H), 1.85 (m, 4H), 0.93 (d,  $J = 6.9$  Hz, 3H), 0.87 (d,  $J = 6.9$  Hz, 3H).

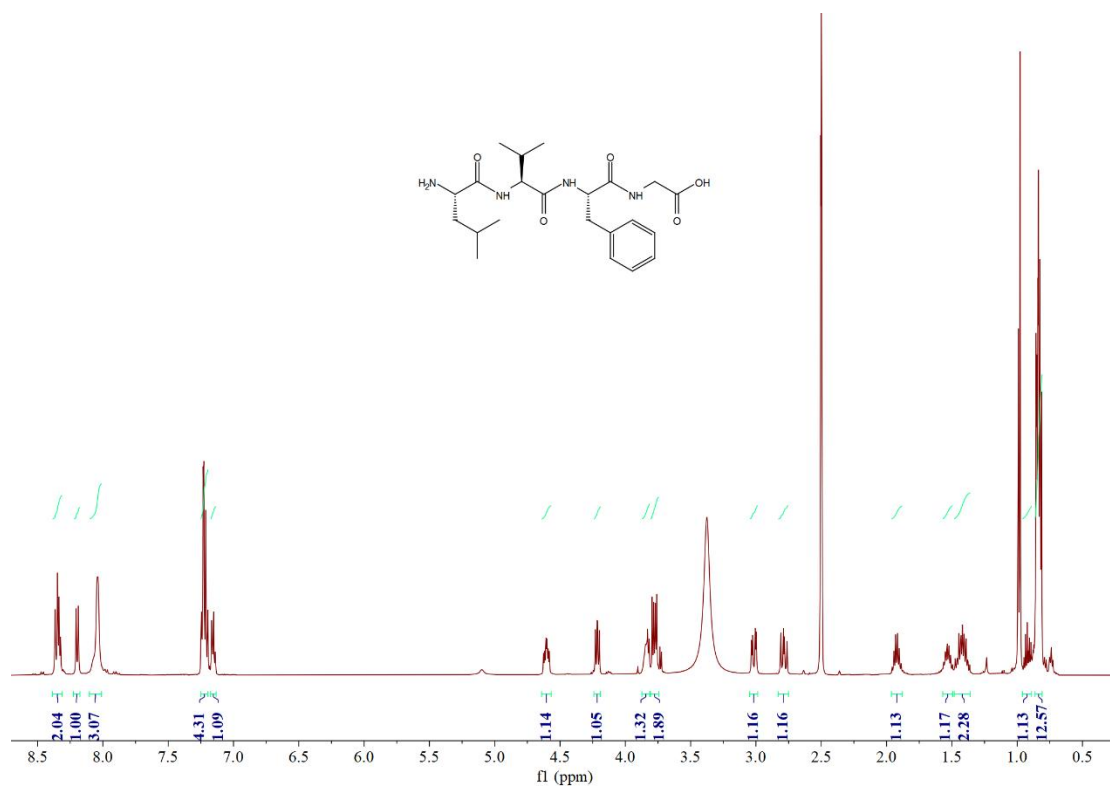




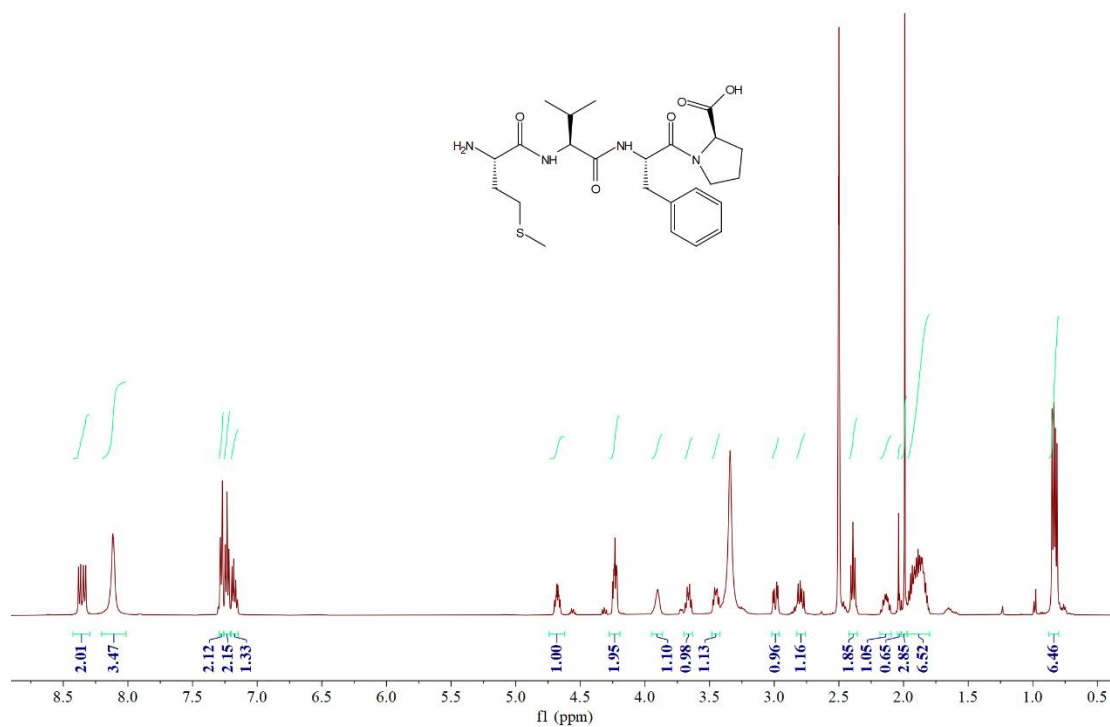
28. Compound **YVFA**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.33 (s, 1H), 8.40 (d, *J* = 8.9 Hz, 1H), 8.28 (d, *J* = 7.3 Hz, 1H), 8.18 (d, *J* = 8.3 Hz, 1H), 7.94 (s, 3H), 7.22 (m, 5H), 6.98 (d, *J* = 8.4 Hz, 2H), 6.67 (d, *J* = 8.4 Hz, 2H), 4.62 (m, 1H), 4.22 (m, 2H), 4.00 (s, 1H), 3.05 (dd, *J* = 14.1, 4.3 Hz, 1H), 2.82 (m, 2H), 2.68 (dd, *J* = 14.4, 8.5 Hz, 1H), 1.93 (m, 1H), 1.28 (d, *J* = 7.3 Hz, 3H), 0.83 (t, *J* = 7.1 Hz, 6H).



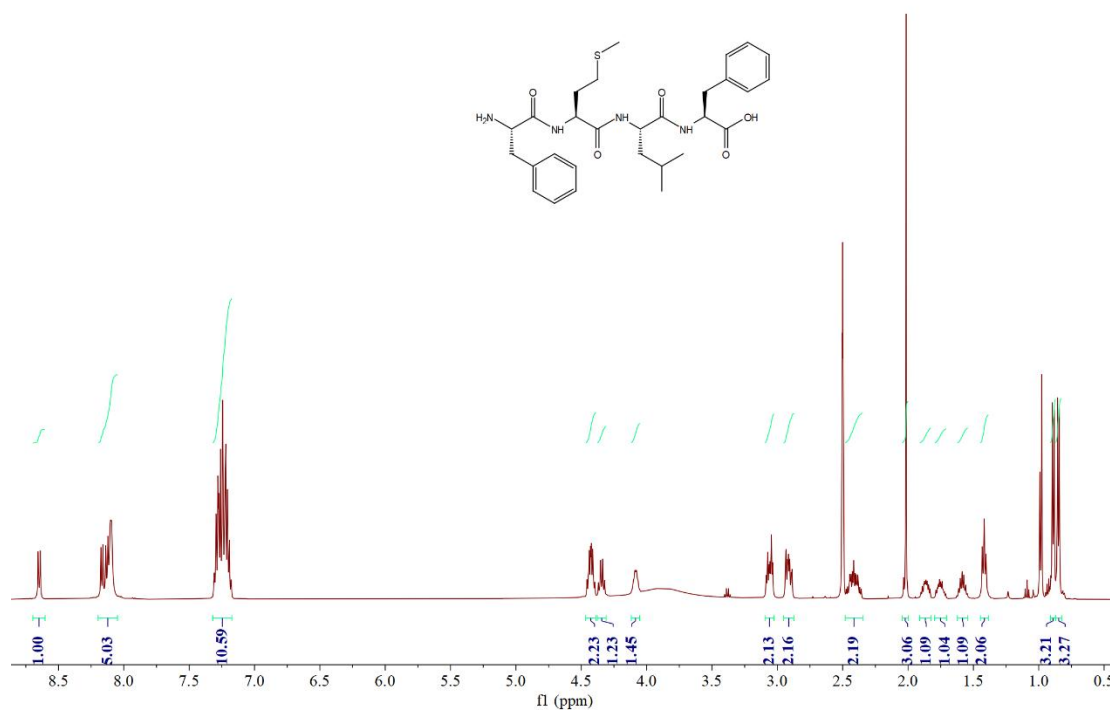
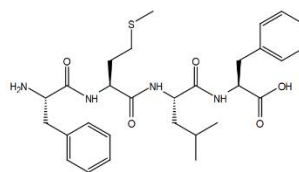
29. Compound **LVFG**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.34 (m, 2H), 8.20 (d,  $J = 8.4$  Hz, 1H), 8.04 (d,  $J = 5.2$  Hz, 3H), 7.22 (m, 4H), 7.16 (m, 1H), 4.60 (m, 1H), 4.21 (dd,  $J = 8.9, 6.9$  Hz, 1H), 3.83 (m, 1H), 3.78 (dd,  $J = 11.9, 5.8$  Hz, 2H), 3.02 (dd,  $J = 14.1, 4.3$  Hz, 1H), 2.79 (dd,  $J = 14.1, 9.8$  Hz, 1H), 1.92 (m, 1H), 1.54 (m, 1H), 1.42 (m, 2H), 0.92 (m, 1H), 0.84 (m, 12H).



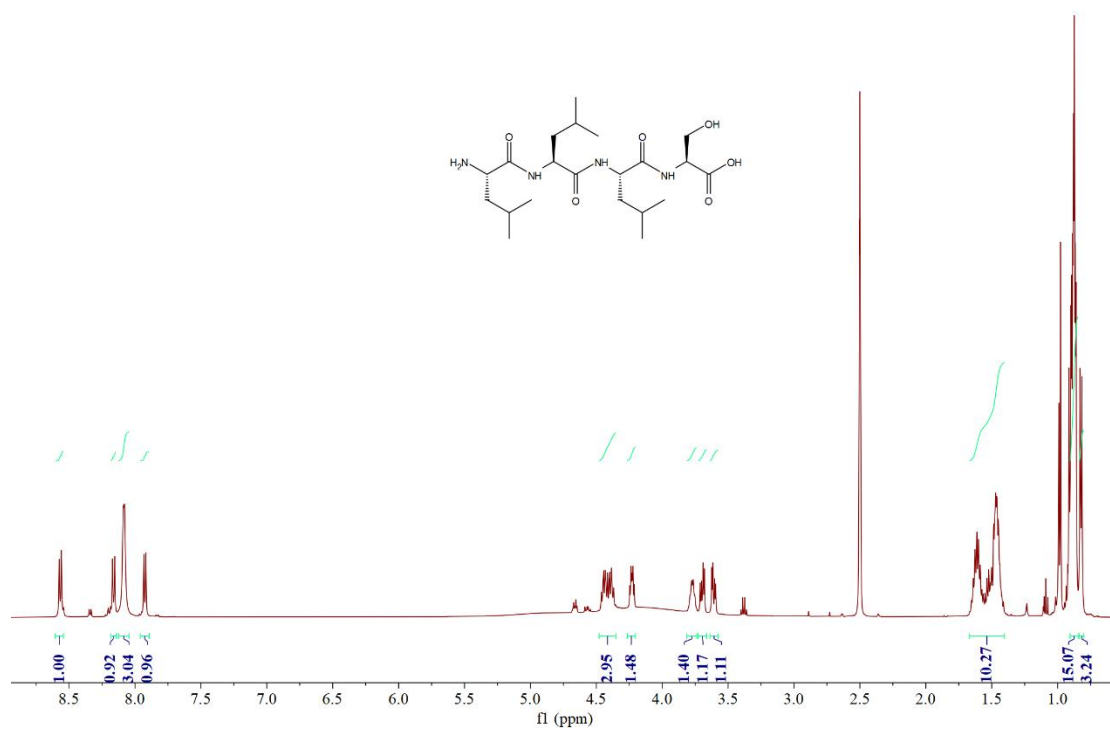
30. Compound **MVFP**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.35 (m, 2H), 8.11 (d,  $J = 6.1$  Hz, 3H), 7.24 (m, 5H), 4.68 (td,  $J = 8.3, 4.9$  Hz, 1H), 4.23 (ddd,  $J = 8.6, 5.5, 3.2$  Hz, 2H), 3.90 (s, 1H), 3.66 (dt,  $J = 9.9, 6.7$  Hz, 1H), 3.45 (dt,  $J = 9.7, 6.3$  Hz, 1H), 2.99 (dd,  $J = 14.1, 5.0$  Hz, 1H), 2.80 (m, 1H), 2.39 (t,  $J = 8.1$  Hz, 2H), 2.14 (m, 1H), 2.03 (d,  $J = 4.6$  Hz, 1H), 1.99 (m, 3H), 1.88 (m, 6H), 0.83 (dd,  $J = 12.6, 6.7$  Hz, 6H).



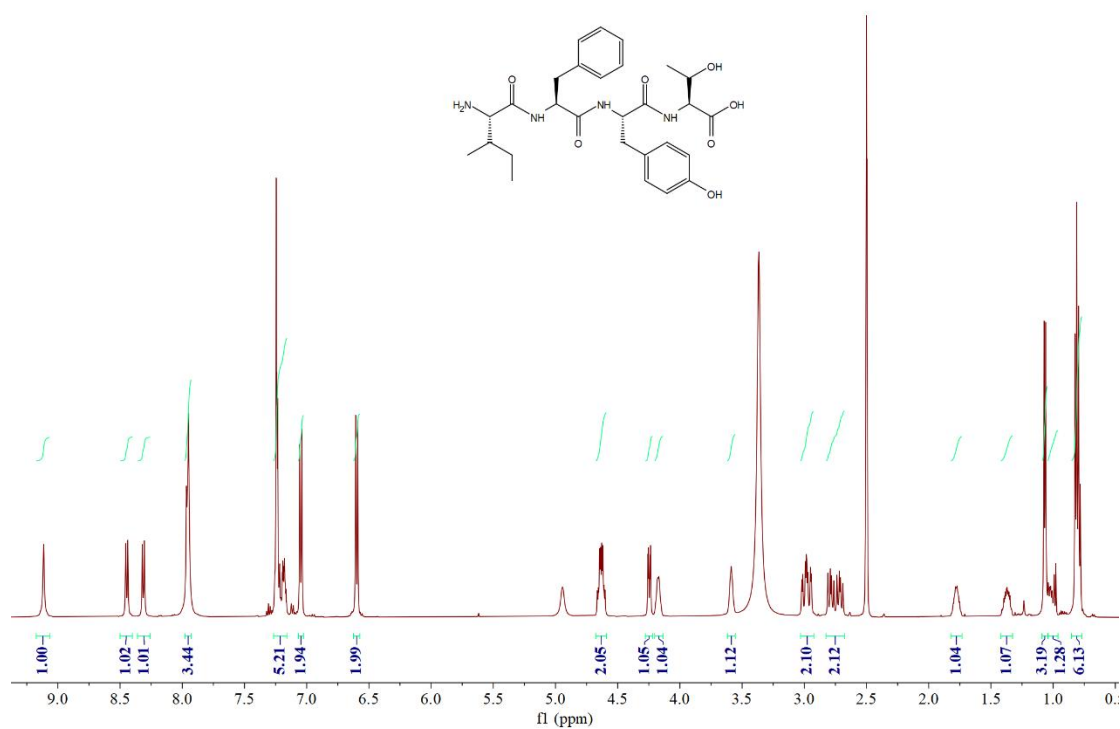
31. Compound **FMLF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.65 (d, *J* = 8.1 Hz, 1H), 8.13 (m, 5H), 7.24 (m, 10H), 4.43 (m, 2H), 4.35 (m, 1H), 4.08 (m, 1H), 3.06 (m, 2H), 2.91 (m, 2H), 2.41 (m, 2H), 2.02 (s, 3H), 1.87 (m, 1H), 1.75 (m, 1H), 1.59 (m, 1H), 1.42 (t, *J* = 7.3 Hz, 2H), 0.89 (d, *J* = 6.6 Hz, 3H), 0.85 (d, *J* = 6.5 Hz, 3H).



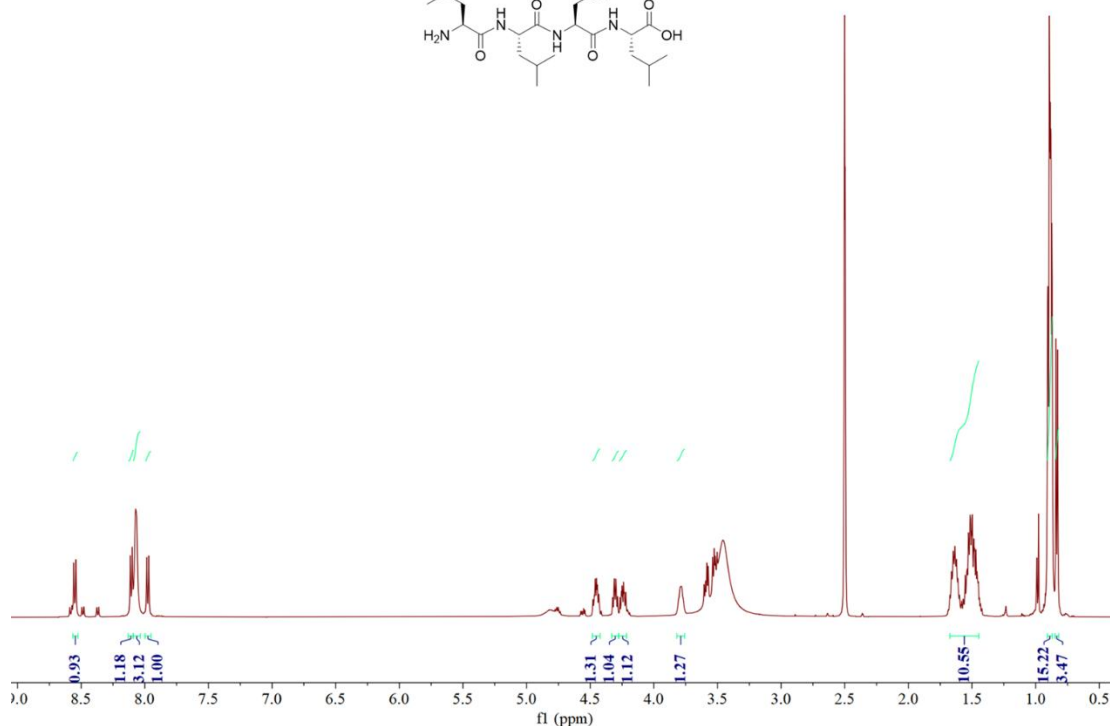
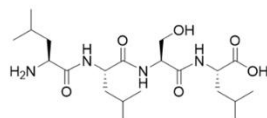
32. Compound **LLLS**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.57 (d,  $J = 8.3$  Hz, 1H), 8.16 (d,  $J = 8.5$  Hz, 1H), 8.08 (d,  $J = 5.4$  Hz, 3H), 7.93 (d,  $J = 7.7$  Hz, 1H), 4.42 (m, 3H), 4.23 (m, 1H), 3.77 (dd,  $J = 6.4$  Hz, 1H), 3.70 (dd,  $J = 10.9, 5.2$  Hz, 1H), 3.61 (dd,  $J = 10.9, 4.2$  Hz, 1H), 1.52 (m, 10H), 0.88 (m, 15H), 0.82 (d,  $J = 6.5$  Hz, 3H).



33. Compound **IFYT**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.11 (s, 1H), 8.45 (d, *J* = 8.4 Hz, 1H), 8.31 (d, *J* = 8.2 Hz, 1H), 7.96 (m, 3H), 7.22 (m, 5H). 7.05 (d, *J* = 8.4 Hz, 2H), 6.60 (d, *J* = 8.4 Hz, 2H), 4.63 (m, 2H), 4.25 (m, 1H), 4.17 (m, 1H), 3.59 (m, 1H), 2.98 (ddd, *J* = 19.7, 14.3, 4.1 Hz, 2H), 2.75 (ddd, *J* = 37.1, 14.2, 9.4 Hz, 2H), 1.78 (m, 1H), 1.37 (m, 1H), 1.07 (d, *J* = 6.3 Hz, 3H), 1.00 (m, 1H), 0.80 (m, 6H).

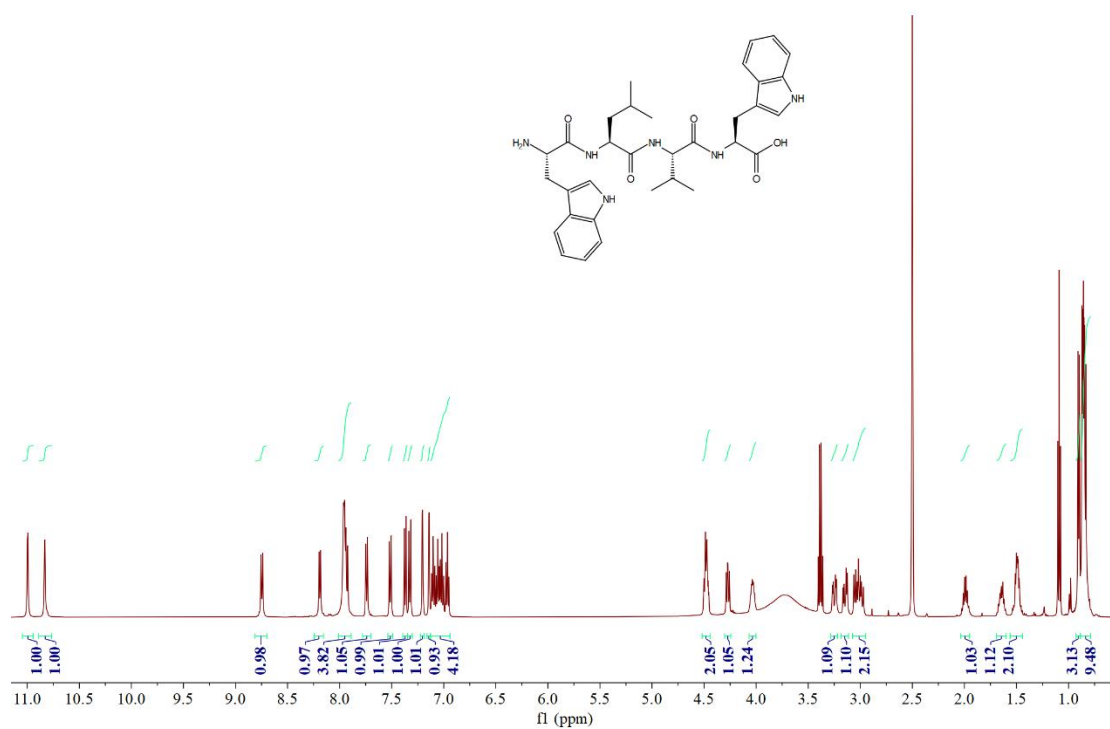


34. Compound **LLSL**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.55 (d, *J* = 8.3 Hz, 1H), 8.11 (d, *J* = 7.8 Hz, 1H), 8.07 (d, *J* = 5.1 Hz, 3H), 7.98 (d, *J* = 8.1 Hz, 1H), 4.46 (m, 1H), 4.30 (m, 1H), 4.24 (m, 1H), 3.79 (m, 1H), 1.54 (m, 10H), 0.89 (m, 15H), 0.83 (d, *J* = 6.5 Hz, 3H).

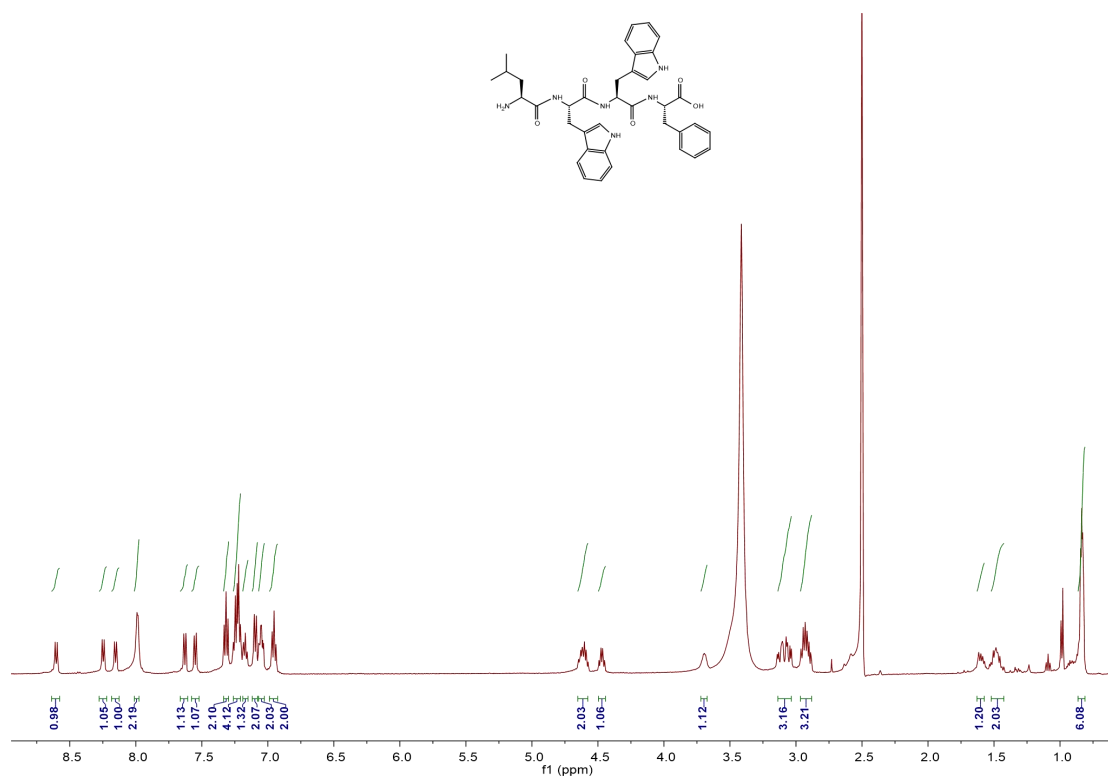


35. Compound **WLWV**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  11.00 (d,  $J = 2.5$  Hz, 1H), 10.83 (d,  $J = 2.4$  Hz, 1H), 8.75 (d,  $J = 8.0$  Hz, 1H), 8.19 (d,  $J = 7.4$  Hz, 1H), 7.94 (dd,  $J = 13.6, 7.2$  Hz, 4H), 7.74 (d,  $J = 7.9$  Hz, 1H), 7.51 (d,  $J = 7.9$  Hz, 1H), 7.37 (d,  $J = 8.1$  Hz, 1H), 7.33 (d,  $J = 8.0$  Hz, 1H), 7.21 (d,  $J = 2.5$  Hz, 1H), 7.14 (d,  $J = 2.4$  Hz, 1H), 7.04 (m, 4H), 4.48 (m, 2H), 4.27 (dd,  $J = 9.0, 6.8$  Hz, 1H), 4.04 (m, 1H), 3.25 (dd,  $J = 14.9, 4.5$  Hz, 1H), 3.15 (dd,  $J = 14.8, 5.8$  Hz, 1H), 3.02 (m, 2H), 1.99 (m, 1H), 1.64 (m, 1H), 0.90 (d,  $J = 6.6$  Hz, 3H), 0.85 (m, 9H).

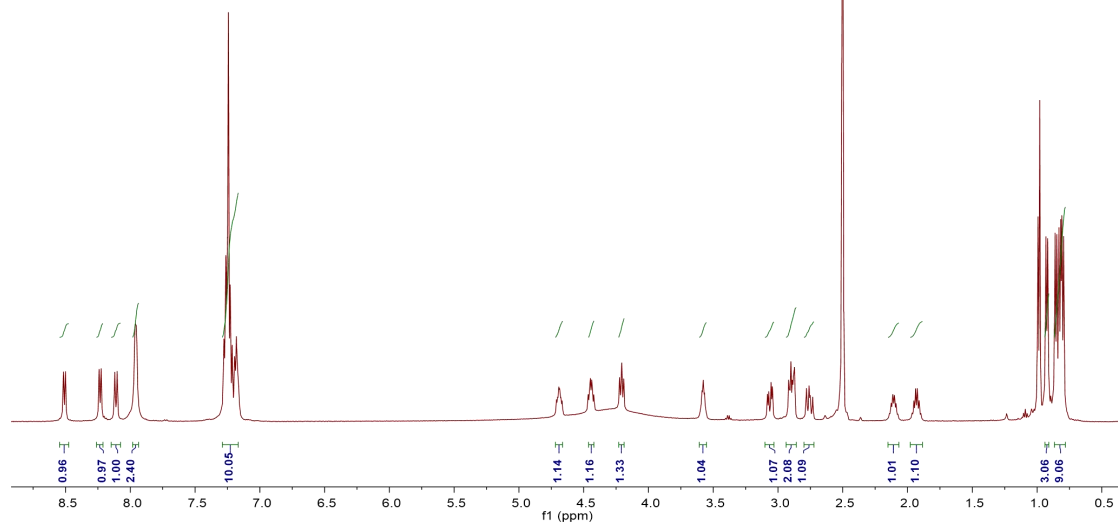
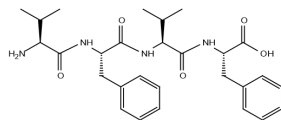




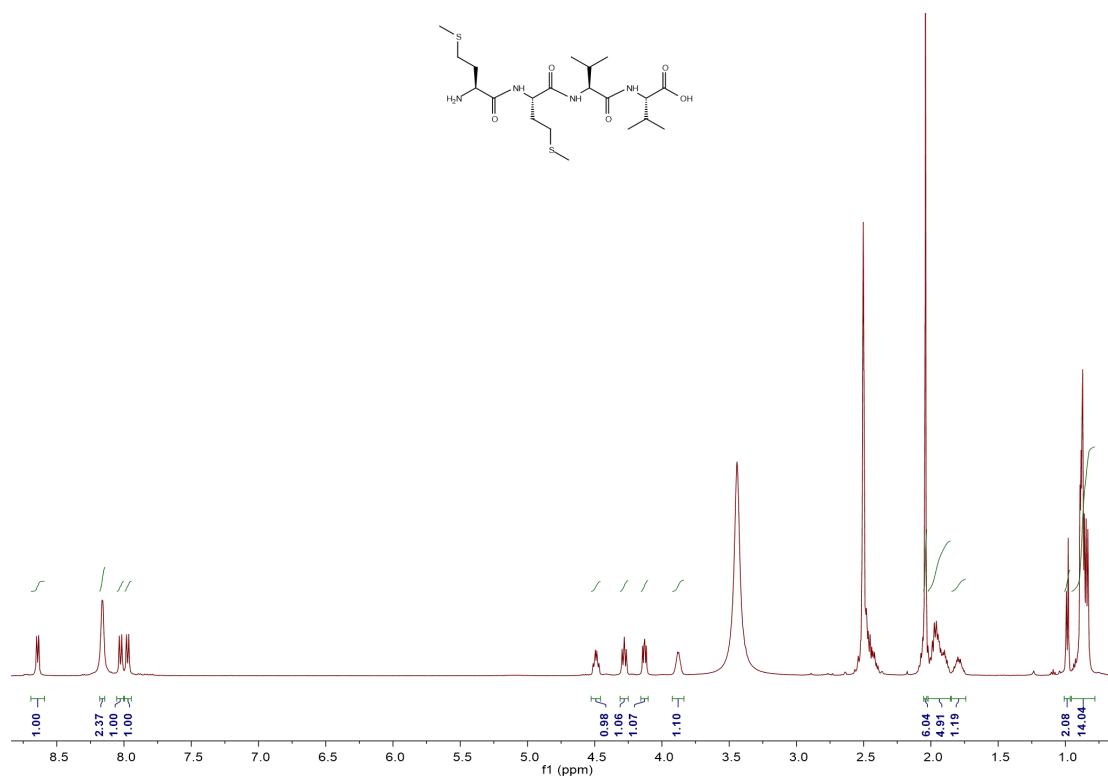
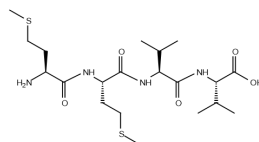
36. Compound **LWWF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.60 (d, J = 8.1 Hz, 1H), 8.25 (d, J = 7.7 Hz, 1H), 8.15 (d, J = 7.9 Hz, 1H), 7.99 (s, 2H), 7.64 (t, J = 8.8 Hz, 1H), 7.55 (d, J = 7.8 Hz, 1H), 7.32 (t, J = 7.4 Hz, 2H), 7.23 (dd, J = 12.5, 7.0 Hz, 4H), 7.17 (t, J = 7.0 Hz, 1H), 7.09 (d, J = 7.8 Hz, 2H), 7.05 (td, J = 7.6, 3.5 Hz, 2H), 6.95 (t, J = 7.3 Hz, 2H), 4.61 (dt, J = 12.9, 7.7 Hz, 2H), 4.47 (dd, J = 13.5, 7.7 Hz, 1H), 3.69 (s, 1H), 3.14 – 3.04 (m, 3H), 2.97 – 2.88 (m, 3H), 1.59 (dd, J = 14.0, 6.9 Hz, 1H), 1.52 – 1.43 (m, 2H), 0.86 – 0.81 (m, 6H).



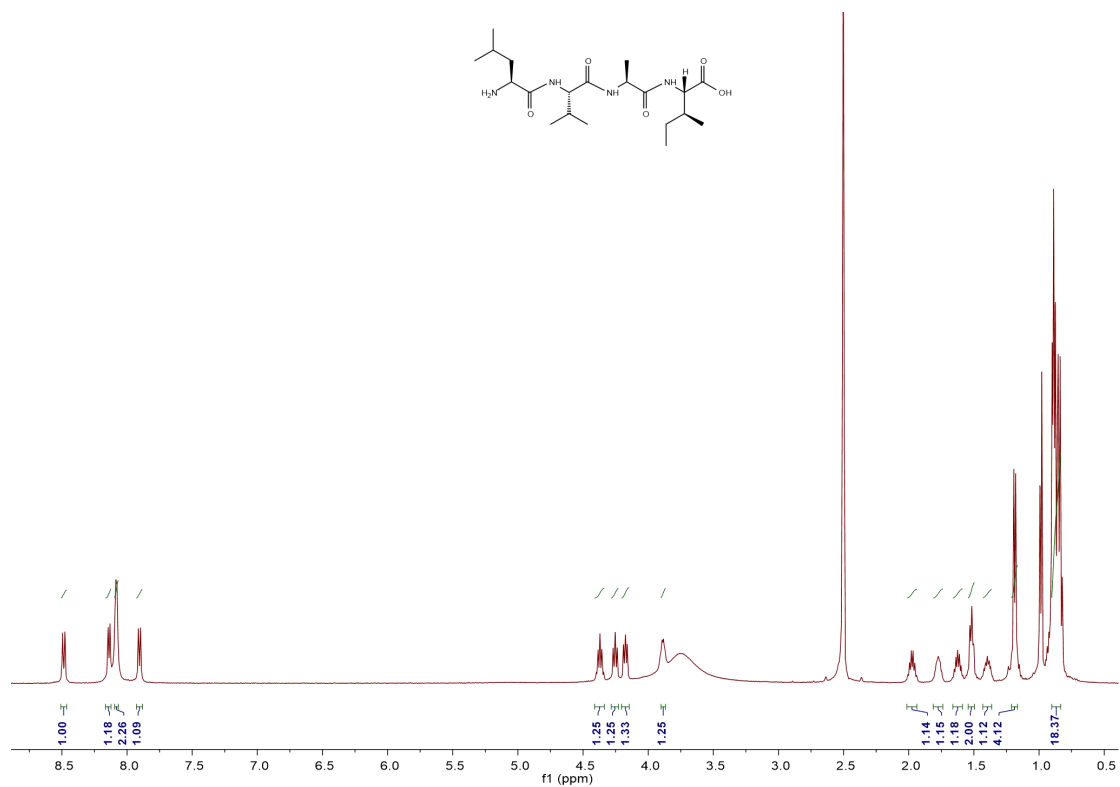
37. Compound **VFVF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.51 (d,  $J = 7.9$  Hz, 1H), 8.23 (d,  $J = 7.7$  Hz, 1H), 8.11 (d,  $J = 9.1$  Hz, 1H), 7.96 (d,  $J = 3.8$  Hz, 2H), 7.29 – 7.17 (m, 10H), 4.69 (td,  $J = 9.1, 4.6$  Hz, 1H), 4.46 – 4.42 (m, 1H), 4.23 – 4.19 (m, 1H), 3.61 – 3.55 (m, 1H), 3.06 (dd,  $J = 14.0, 5.1$  Hz, 1H), 2.94 – 2.86 (m, 2H), 2.76 (dd,  $J = 14.0, 10.0$  Hz, 1H), 2.10 (dt,  $J = 13.5, 6.8$  Hz, 1H), 1.93 (dq,  $J = 13.3, 6.6$  Hz, 1H), 0.92 (d,  $J = 6.9$  Hz, 3H), 0.87 – 0.78 (m, 9H).



38. Compound **MMVV**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 8.64 (d, *J* = 7.7 Hz, 1H), 8.16 (s, 2H), 8.03 (d, *J* = 8.8 Hz, 1H), 7.97 (d, *J* = 8.2 Hz, 1H), 4.49 (dd, *J* = 13.2, 8.0 Hz, 1H), 4.31 – 4.25 (m, 1H), 4.13 (dd, *J* = 7.9, 6.0 Hz, 1H), 3.88 (d, *J* = 4.3 Hz, 1H), 2.04 (s, 6H), 2.02 – 1.85 (m, 5H), 1.85 – 1.74 (m, 1H), 0.99 (d, *J* = 6.7 Hz, 2H), 0.95 – 0.78 (m, 14H).

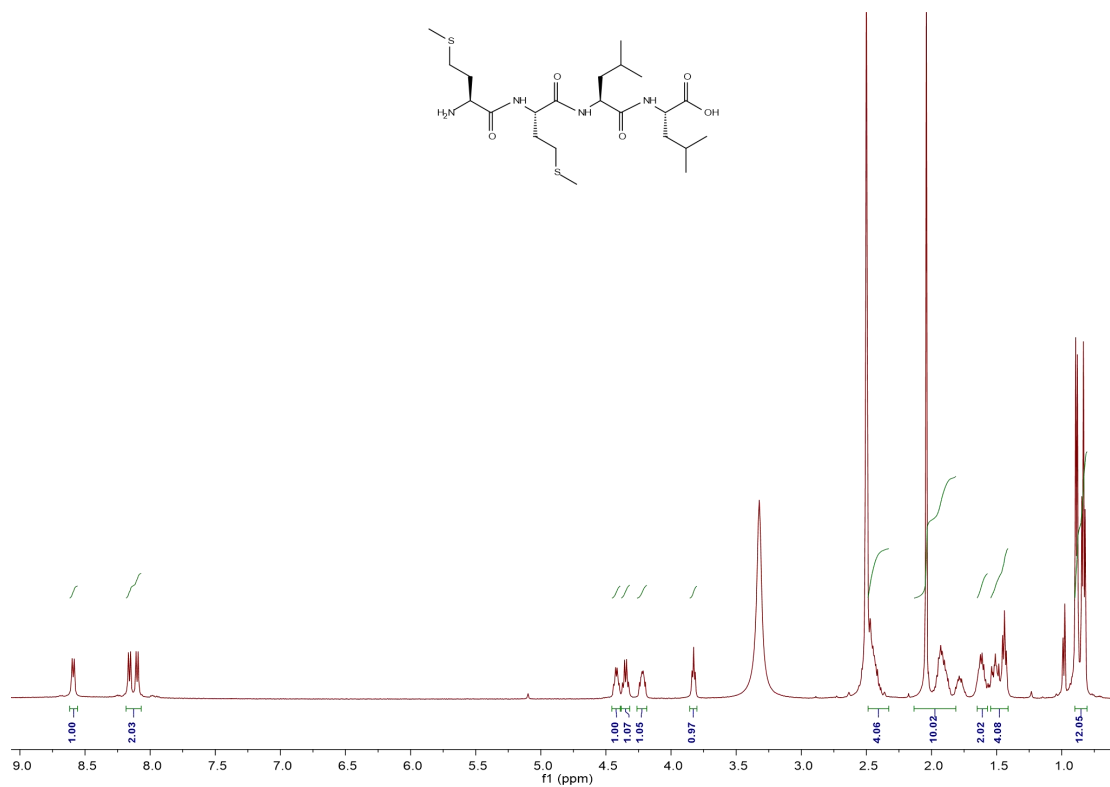


39. Compound **LVAI**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.49 (d,  $J = 8.8$  Hz, 1H), 8.14 (d,  $J = 7.3$  Hz, 1H), 8.09 (s, 2H), 7.90 (d,  $J = 8.4$  Hz, 1H), 4.41 – 4.34 (m, 1H), 4.28 – 4.23 (m, 1H), 4.20 – 4.15 (m, 1H), 3.89 (d,  $J = 5.2$  Hz, 1H), 1.97 (dq,  $J = 13.4, 6.6$  Hz, 1H), 1.77 (s, 1H), 1.62 (dt,  $J = 13.1, 6.4$  Hz, 1H), 1.52 (t,  $J = 6.4$  Hz, 2H), 1.43 – 1.36 (m, 1H), 1.19 (t,  $J = 7.6$  Hz, 4H), 0.90 – 0.83 (m, 18H).

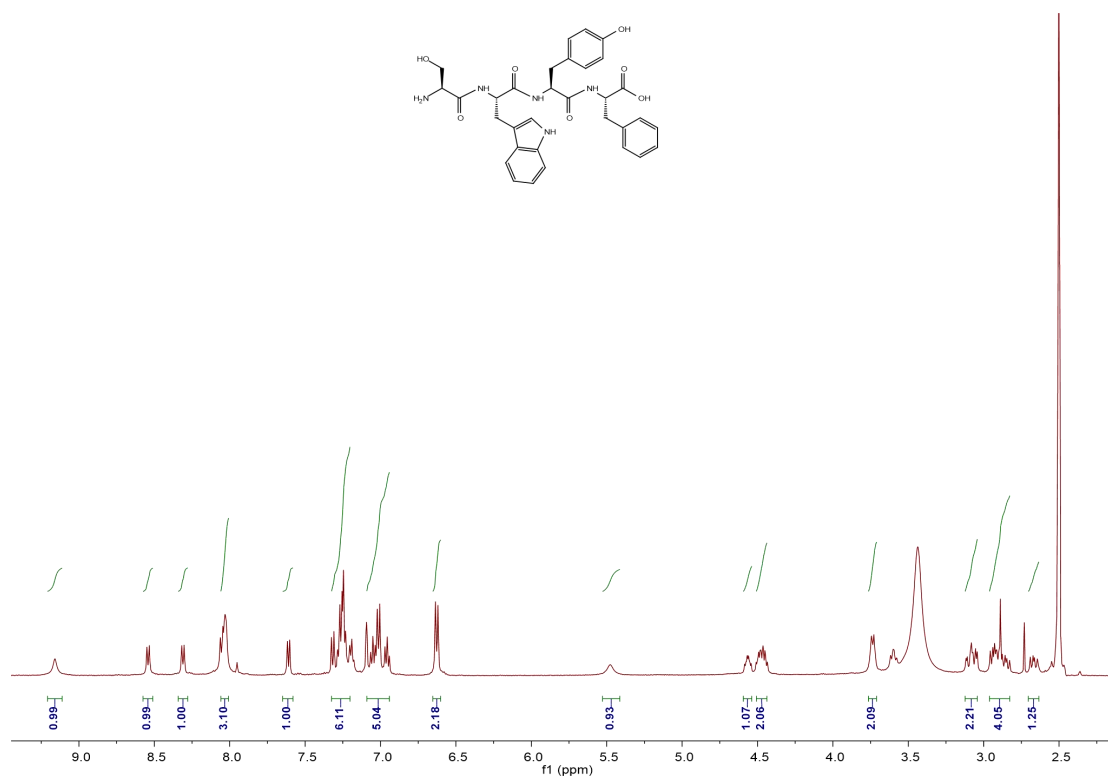


40. Compound WAVV: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.59 (d, J = 7.3 Hz, 1H), 7.96 (d, J = 8.9 Hz, 1H), 7.88 (d, J = 8.2 Hz, 1H), 7.65 (d, J = 7.9 Hz, 1H), 7.35 (d, J = 8.1 Hz, 1H), 7.20 (d, J = 2.1 Hz, 1H), 7.08 (t, J = 7.5 Hz, 1H), 6.99 (t, J = 7.5 Hz, 1H), 4.46 (p, J = 7.0 Hz, 1H), 4.28 (dd, J = 8.7, 6.9 Hz, 1H), 4.11 (dd, J = 8.1, 5.6 Hz, 1H), 3.84 (dd, J = 8.4, 4.6 Hz, 1H), 3.18 (dd, J = 14.6, 4.3 Hz, 1H), 2.93 (dd, J = 14.7, 8.7 Hz, 1H), 2.08 – 1.94 (m, 2H), 1.22 (d, J = 7.0 Hz, 3H), 0.90 – 0.83 (m, 12H).



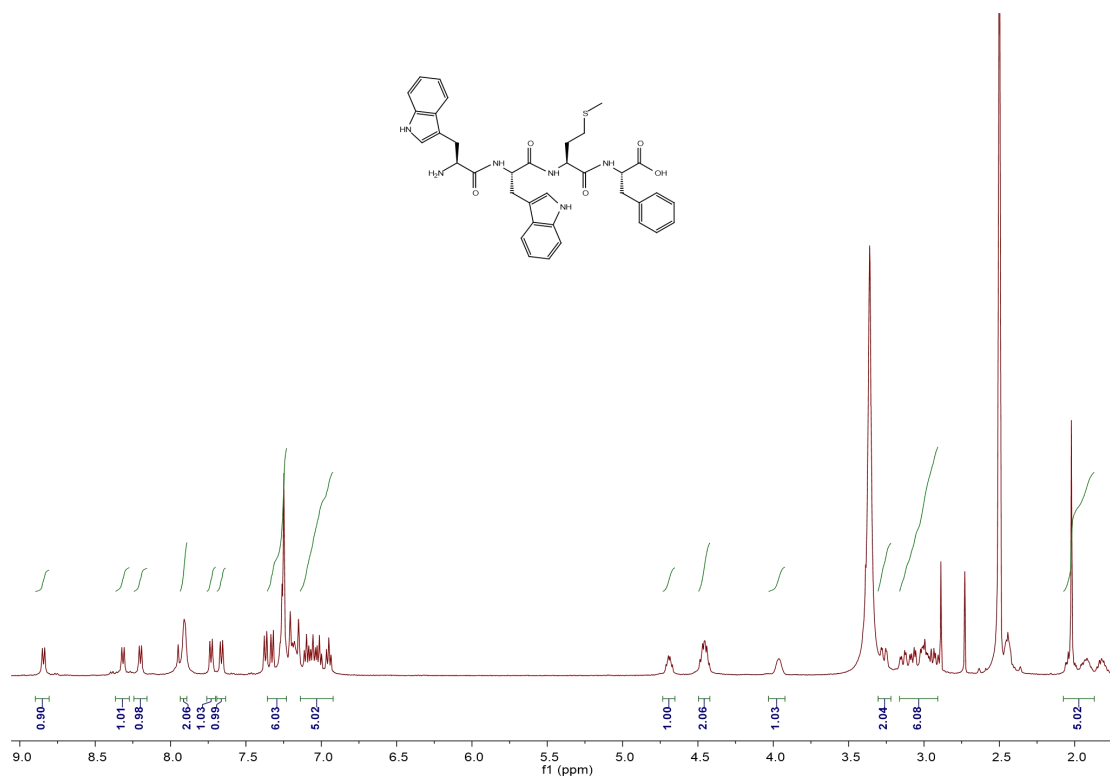


42. Compound **SWYF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.16 (s, 1H), 8.54 (d, *J* = 7.9 Hz, 1H), 8.31 (d, *J* = 7.5 Hz, 1H), 8.04 (d, *J* = 7.1 Hz, 3H), 7.61 (d, *J* = 7.8 Hz, 1H), 7.32 – 7.20 (m, 6H), 7.09 – 6.94 (m, 5H), 6.63 (d, *J* = 8.2 Hz, 2H), 5.48 (s, 1H), 4.56 (dd, *J* = 13.0, 8.6 Hz, 1H), 4.51 – 4.44 (m, 2H), 3.74 (d, *J* = 7.8 Hz, 2H), 3.12 – 3.04 (m, 2H), 2.96 – 2.83 (m, 4H), 2.67 (dd, *J* = 14.0, 9.2 Hz, 1H).

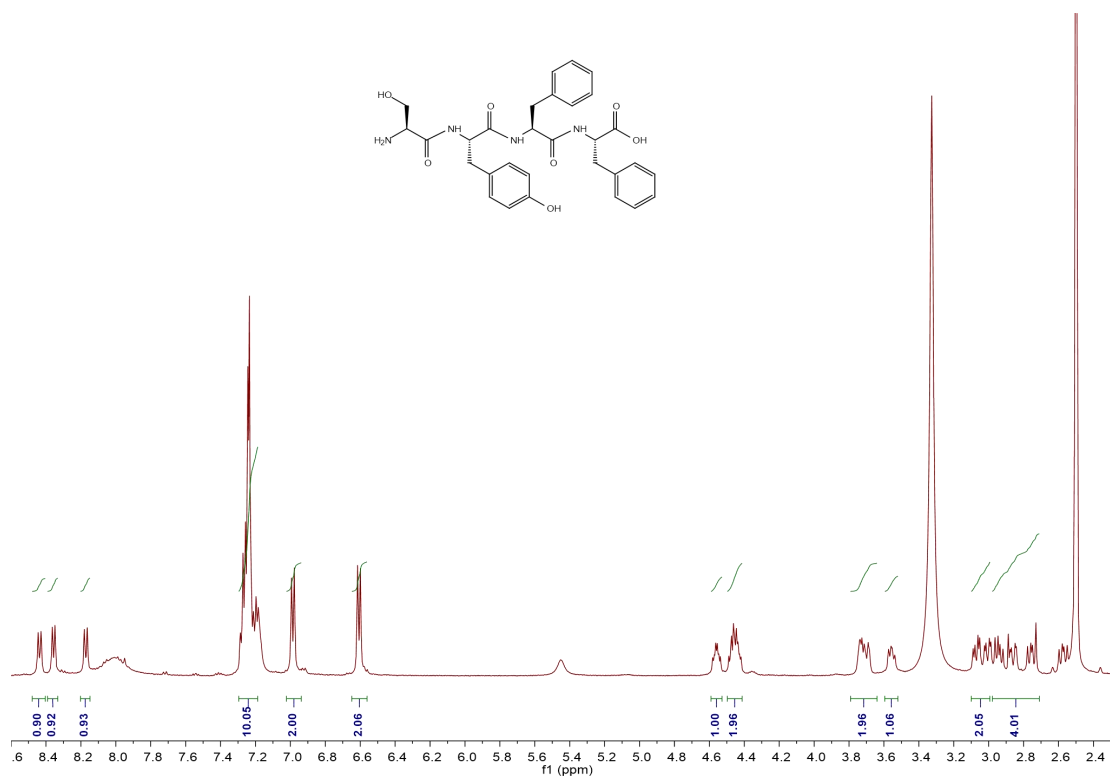


43. Compound **WWMF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.84 (d, J = 7.8 Hz, 1H), 8.32 (d, J = 8.0 Hz, 1H), 8.20 (d, J = 7.7 Hz, 1H), 7.91 (s, 2H), 7.73 (d, J = 7.9 Hz, 1H), 7.66 (d, J = 7.9 Hz, 1H), 7.36 – 7.23 (m, 6H), 7.03 (ddt, J = 52.0, 31.2, 7.4 Hz, 5H), 4.69 (td, J = 8.3, 4.9 Hz, 1H), 4.46 (qd, J = 8.6, 5.0 Hz, 2H), 3.97 (s, 1H), 3.27 (dd, J = 15.0, 4.2 Hz, 2H), 3.16 – 2.91 (m, 6H), 2.02 (s, 5H).

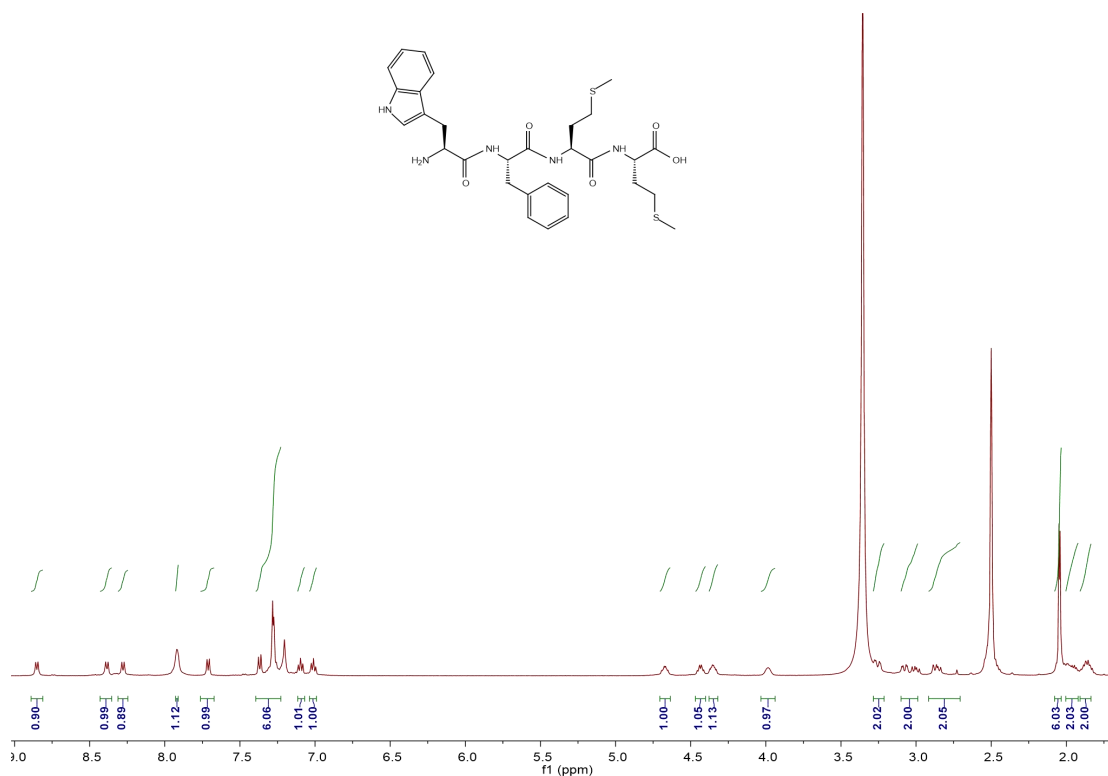




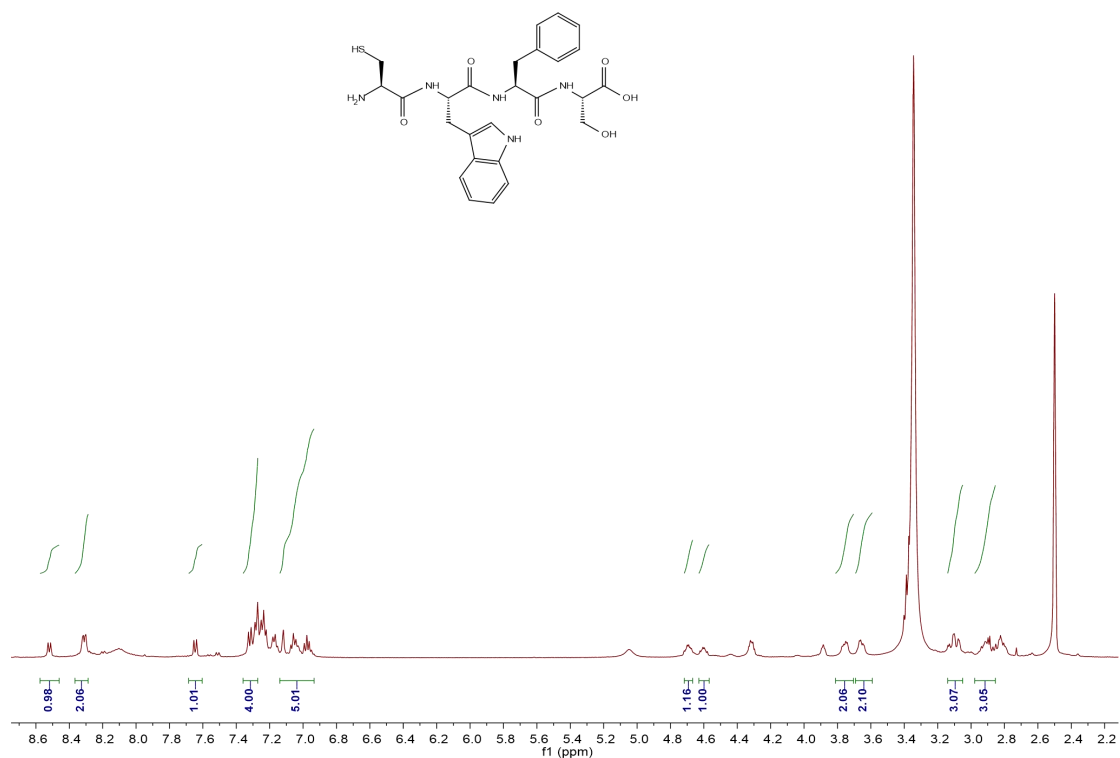
44. Compound **SYFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.44 (d, J = 8.3 Hz, 1H), 8.36 (d, J = 7.8 Hz, 1H), 8.17 (d, J = 8.3 Hz, 1H), 7.30 – 7.19 (m, 10H), 6.99 (d, J = 8.0 Hz, 2H), 6.61 (d, J = 8.0 Hz, 2H), 4.56 (td, J = 8.8, 4.5 Hz, 1H), 4.45 (dtd, J = 13.4, 8.9, 8.4, 4.9 Hz, 2H), 3.79 – 3.64 (m, 2H), 3.56 (dd, J = 11.0, 7.0 Hz, 1H), 3.10 – 2.99 (m, 2H), 2.98 – 2.71 (m, 4H).



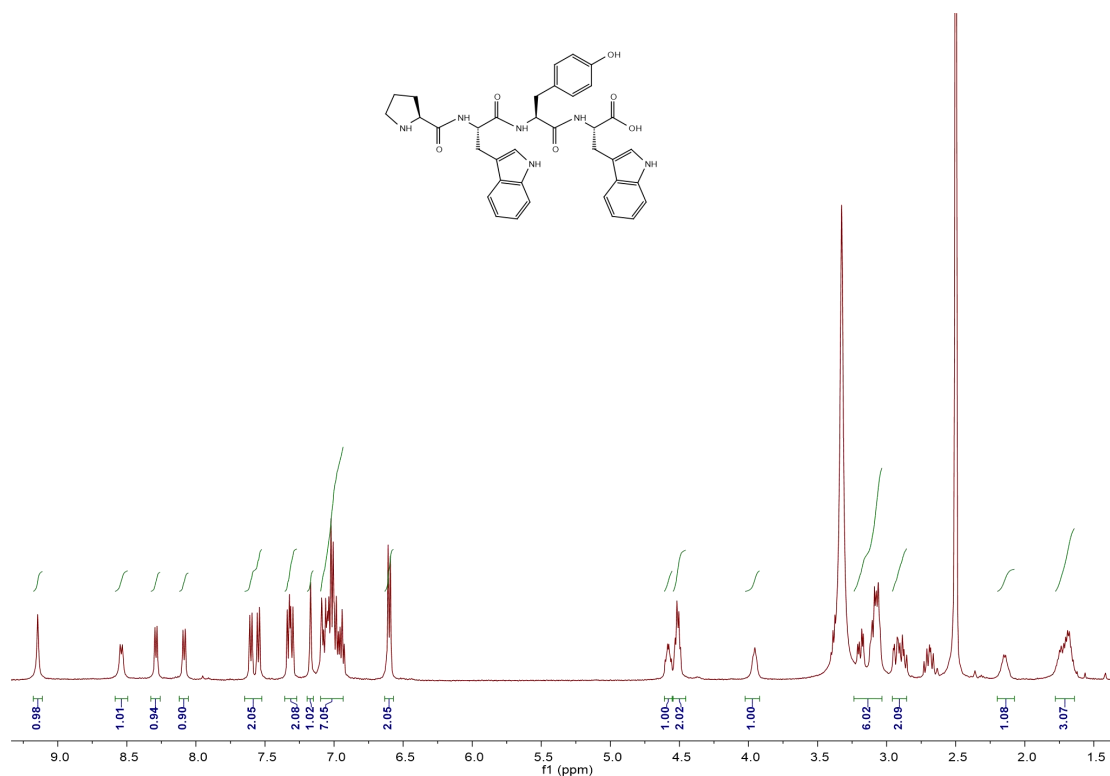
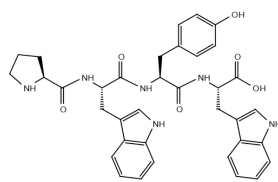
45. Compound **WFMM**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.85 (d,  $J = 8.0$  Hz, 1H), 8.39 (d,  $J = 7.8$  Hz, 1H), 8.28 (d,  $J = 7.8$  Hz, 1H), 7.92 (d,  $J = 5.5$  Hz, 1H), 7.71 (d,  $J = 7.9$  Hz, 1H), 7.39 – 7.23 (m, 6H), 7.10 (t,  $J = 7.6$  Hz, 1H), 7.01 (t,  $J = 7.4$  Hz, 1H), 4.67 (td,  $J = 8.5, 4.4$  Hz, 1H), 4.44 (td,  $J = 7.9, 5.3$  Hz, 1H), 4.35 (td,  $J = 8.7, 4.4$  Hz, 1H), 3.98 (dd,  $J = 9.6, 5.1$  Hz, 1H), 3.26 (dd,  $J = 15.0, 4.4$  Hz, 2H), 3.10 – 2.99 (m, 2H), 2.92 – 2.71 (m, 2H), 2.05 (d,  $J = 3.7$  Hz, 6H), 2.00 – 1.92 (m, 2H), 1.91 – 1.84 (m, 2H).



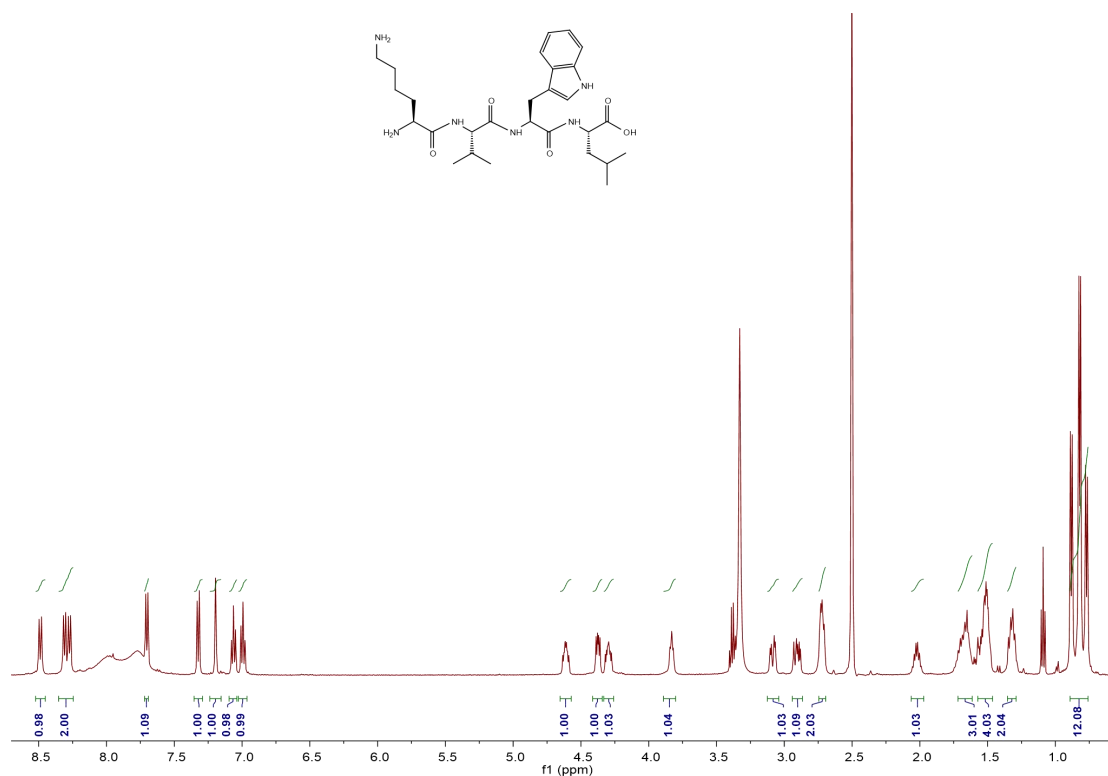
46. Compound **CWFS**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.52 (d, J = 7.9 Hz, 1H), 8.31 (dd, J = 8.1, 3.2 Hz, 2H), 7.65 (d, J = 7.9 Hz, 1H), 7.30 (dd, J = 19.5, 8.0 Hz, 4H), 7.14 – 6.93 (m, 5H), 4.69 (dt, J = 8.8, 4.5 Hz, 1H), 4.60 (td, J = 8.6, 4.6 Hz, 1H), 3.76 (dd, J = 11.0, 5.3 Hz, 2H), 3.66 (dt, J = 10.9, 4.8 Hz, 2H), 3.10 (td, J = 15.3, 14.9, 4.5 Hz, 3H), 2.98 – 2.85 (m, 3H).



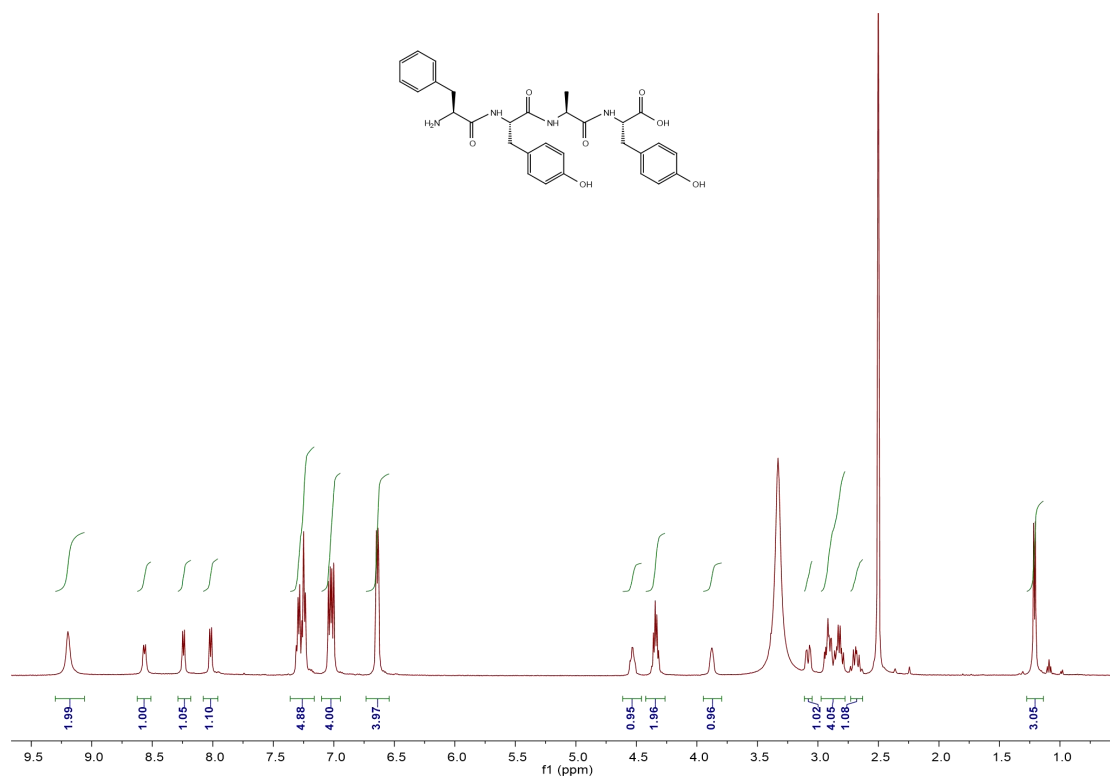
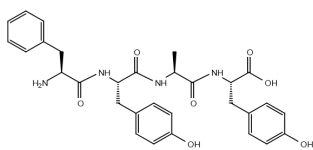
47. Compound **PWYW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.15 (s, 1H), 8.54 (d, J = 8.5 Hz, 1H), 8.29 (d, J = 7.6 Hz, 1H), 8.09 (d, J = 8.2 Hz, 1H), 7.58 (dd, J = 27.0, 7.9 Hz, 2H), 7.32 (dd, J = 12.8, 8.0 Hz, 2H), 7.17 (s, 1H), 7.10 – 6.93 (m, 7H), 6.60 (d, J = 8.0 Hz, 2H), 4.58 (td, J = 9.0, 4.6 Hz, 1H), 4.51 (q, J = 6.5 Hz, 2H), 3.96 (d, J = 7.4 Hz, 1H), 3.24 – 3.03 (m, 6H), 2.96 – 2.86 (m, 2H), 2.15 (s, 1H), 1.70 (qd, J = 14.4, 13.9, 6.4 Hz, 3H).



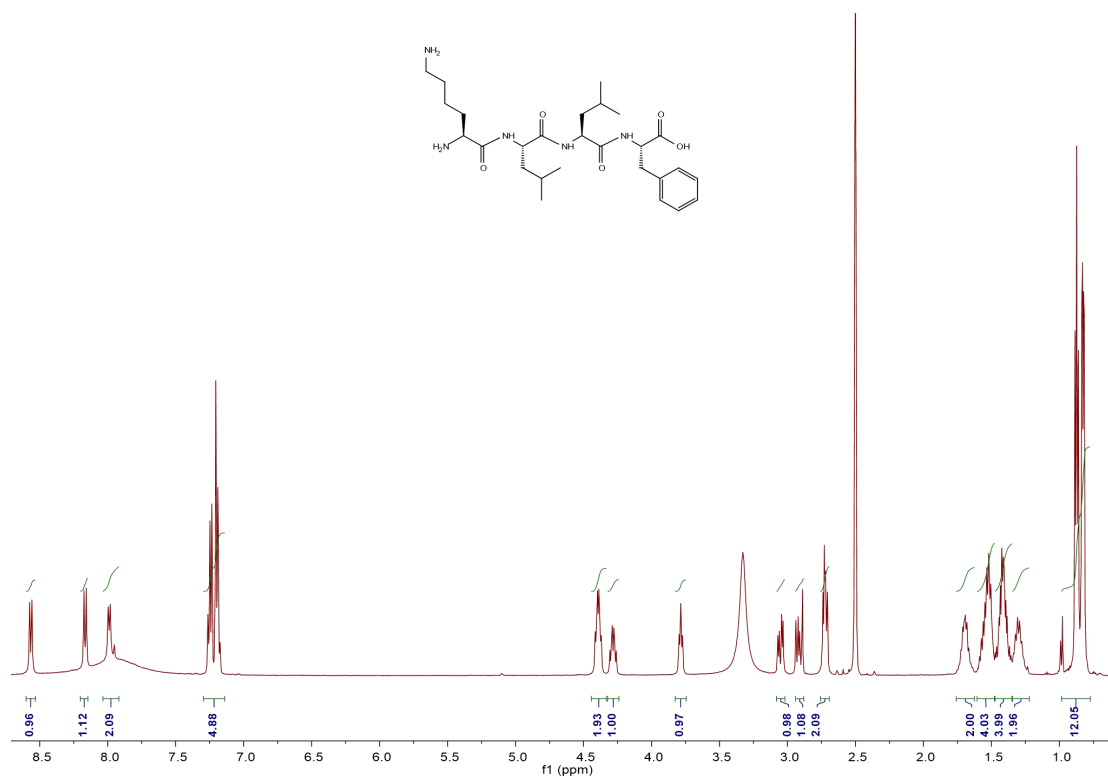
48. Compound **KVWL**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.49 (d,  $J = 9.2$  Hz, 1H), 8.29 (dd,  $J = 18.4, 8.1$  Hz, 2H), 7.70 (d,  $J = 7.8$  Hz, 1H), 7.32 (d,  $J = 8.0$  Hz, 1H), 7.19 (d,  $J = 2.3$  Hz, 1H), 7.10 – 7.04 (m, 1H), 6.99 (t,  $J = 7.4$  Hz, 1H), 4.65 – 4.57 (m, 1H), 4.37 (dd,  $J = 9.2, 5.4$  Hz, 1H), 4.30 (ddd,  $J = 10.5, 8.1, 4.6$  Hz, 1H), 3.83 (t,  $J = 6.4$  Hz, 1H), 3.09 (dd,  $J = 14.8, 4.7$  Hz, 1H), 2.94 – 2.87 (m, 1H), 2.72 (dd,  $J = 10.4, 5.5$  Hz, 2H), 2.02 (dq,  $J = 13.3, 6.7$  Hz, 1H), 1.72 – 1.61 (m, 3H), 1.52 (dtq,  $J = 13.6, 9.5, 4.3$  Hz, 4H), 1.32 (q,  $J = 8.1$  Hz, 2H), 0.89 – 0.76 (m, 12H).



49. Compound **FYAY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.20 (s, 2H), 8.56 (d,  $J = 7.9$  Hz, 1H), 8.24 (d,  $J = 7.4$  Hz, 1H), 8.00 (t,  $J = 16.5$  Hz, 1H), 7.36 – 7.16 (m, 5H), 7.01 (dt,  $J = 34.9, 17.4$  Hz, 4H), 6.61 (dd,  $J = 29.9, 7.6$  Hz, 4H), 4.53 (dd,  $J = 12.5, 8.7$  Hz, 1H), 4.42 – 4.26 (m, 2H), 3.87 (s, 1H), 3.08 (dd,  $J = 14.0, 3.9$  Hz, 1H), 2.87 (dtd,  $J = 22.1, 14.0, 6.7$  Hz, 4H), 2.67 (dt,  $J = 21.0, 10.5$  Hz, 1H), 1.21 (d,  $J = 7.0$  Hz, 3H).

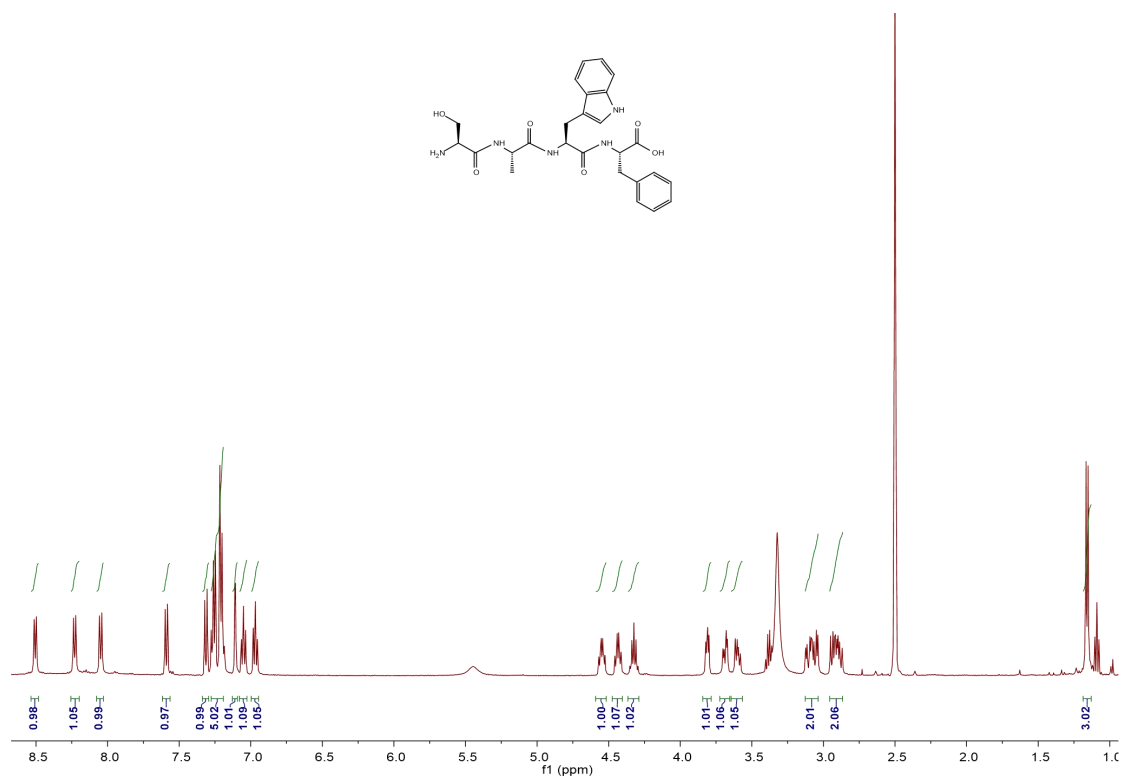


50. Compound **KLLF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.57 (d,  $J = 8.4$  Hz, 1H), 8.17 (d,  $J = 8.3$  Hz, 1H), 8.04 – 7.92 (m, 2H), 7.30 – 7.14 (m, 5H), 4.39 (q,  $J = 8.4$  Hz, 2H), 4.28 (q,  $J = 8.7$  Hz, 1H), 3.78 (t,  $J = 6.1$  Hz, 1H), 3.05 (dd,  $J = 13.9, 5.1$  Hz, 1H), 2.94 – 2.88 (m, 1H), 2.76– 2.69 (m, 2H), 1.69 (dt,  $J = 13.1, 6.7$  Hz, 2H), 1.55 (dq,  $J = 21.7, 7.2$  Hz, 4H), 1.41 (ddt,  $J = 19.9, 13.7, 6.9$  Hz, 4H), 1.31 (dt,  $J = 15.2, 7.4$  Hz, 2H), 0.98 – 0.77 (m, 12H).

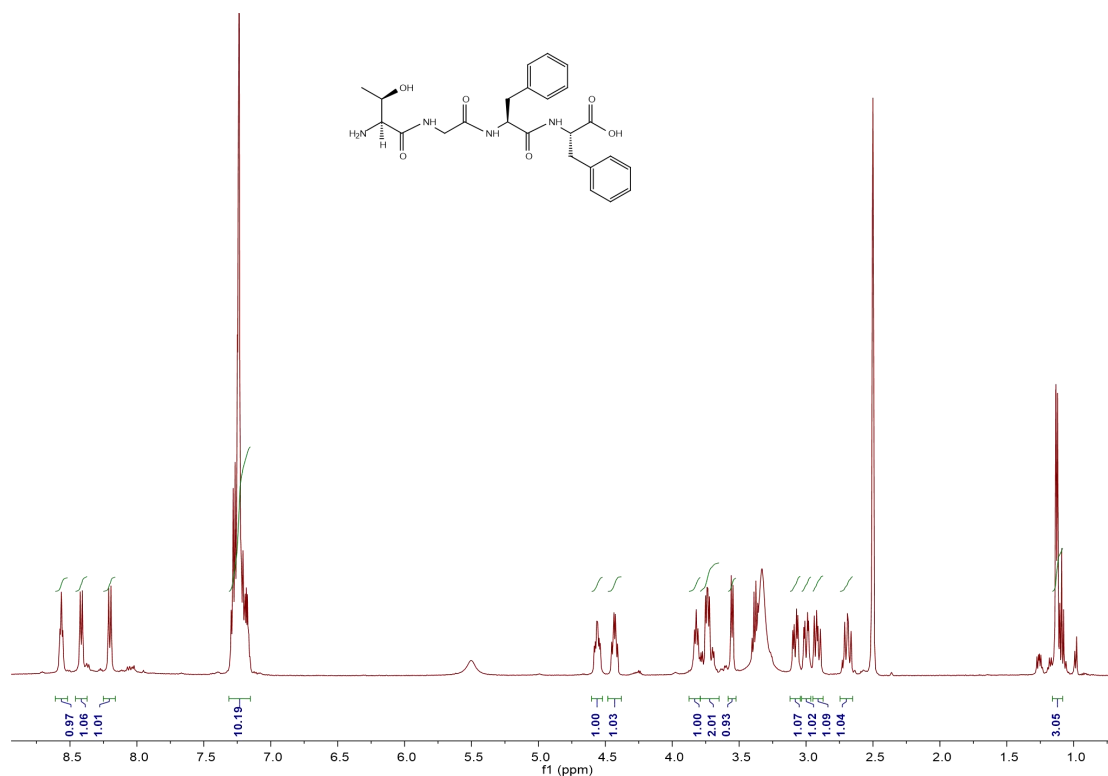


51. Compound **SAWF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.51 (d, J = 7.6 Hz, 1H), 8.23 (d, J = 7.7 Hz, 1H), 8.05 (d, J = 8.1 Hz, 1H), 7.59 (d, J = 7.9 Hz, 1H), 7.31 (d, J = 8.1 Hz, 1H), 7.28 – 7.19 (m, 5H), 7.11 (d, J = 2.3 Hz, 1H), 7.08 – 7.03 (m, 1H), 6.97 (dd, J = 14.9, 1.0 Hz, 1H), 4.55 (td, J = 8.4, 4.9 Hz, 1H), 4.44 (td, J = 8.0, 5.3 Hz, 1H), 4.32 (p, J = 7.1 Hz, 1H), 3.81 (dd, J = 6.7, 4.3 Hz, 1H), 3.69 (dd, J = 11.3, 4.3 Hz, 1H), 3.60 (dd, J = 11.3, 6.8 Hz, 1H), 3.08 (ddd, J = 23.0, 14.4, 5.1 Hz, 2H), 2.91 (ddd, J = 18.5, 14.4, 8.7 Hz, 2H), 1.16 (d, J = 7.0 Hz, 3H).

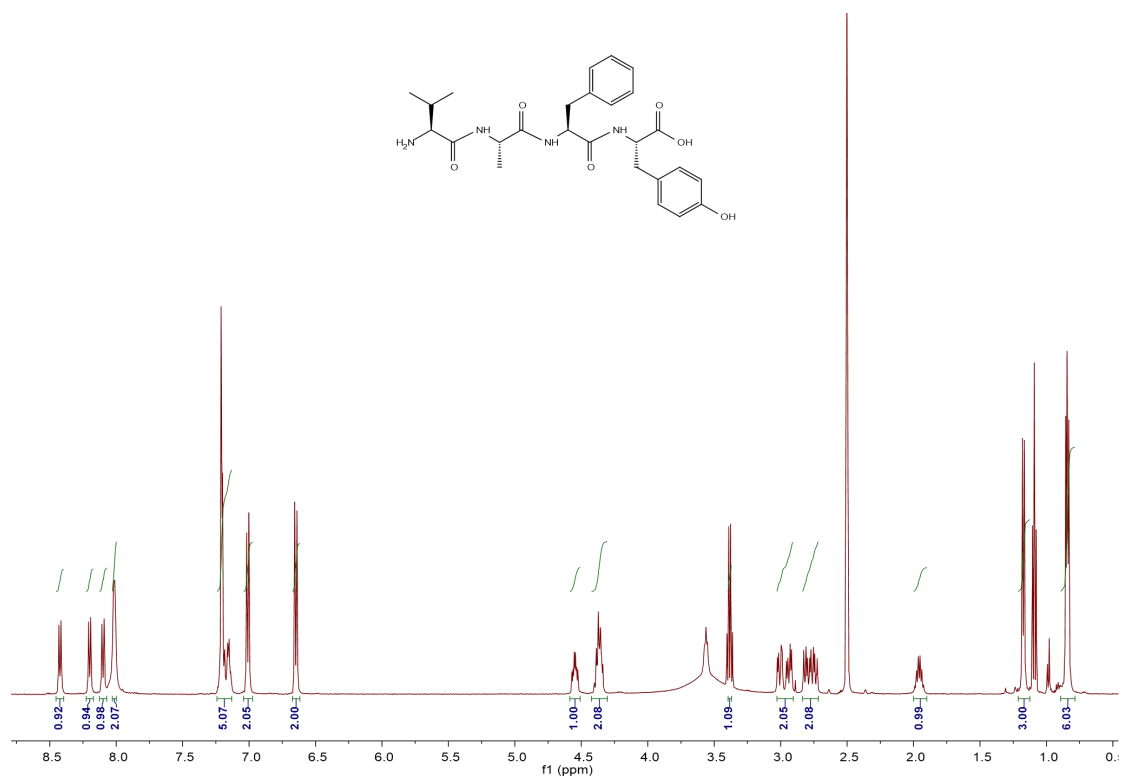




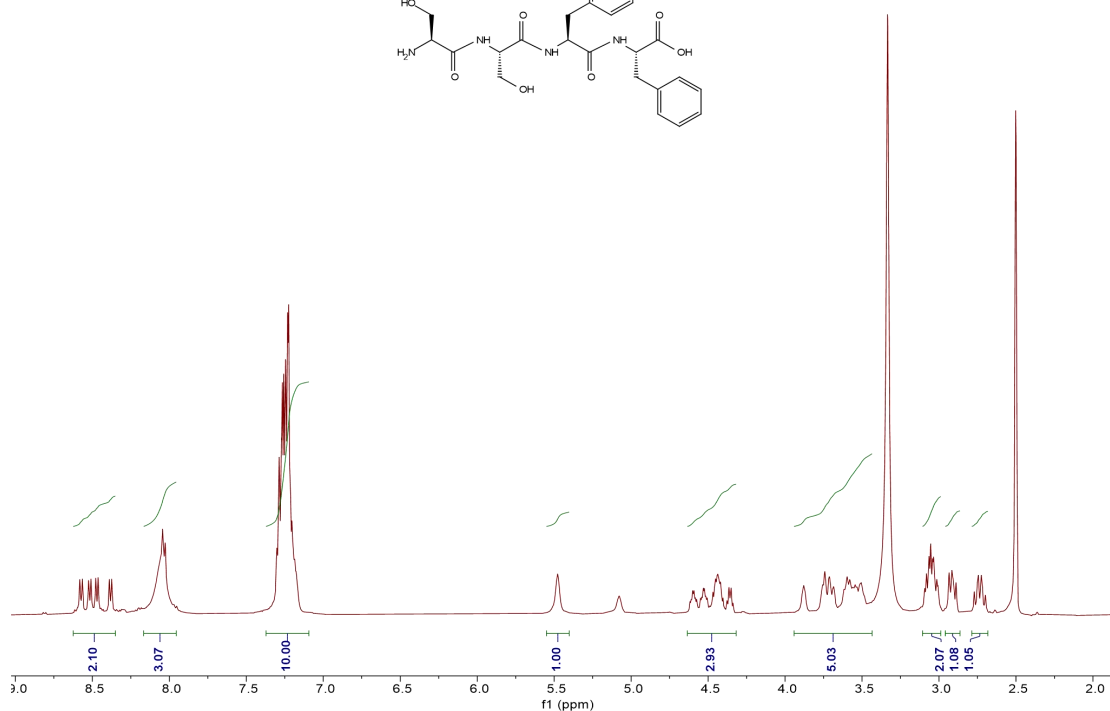
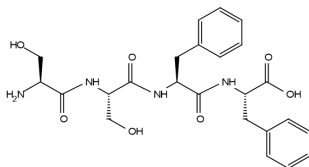
52. Compound **TGFF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.56 (t, J = 5.4 Hz, 1H), 8.42 (d, J = 7.8 Hz, 1H), 8.20 (d, J = 8.5 Hz, 1H), 7.31 – 7.15 (m, 10H), 4.56 (td, J = 9.4, 4.0 Hz, 1H), 4.48 – 4.38 (m, 1H), 3.87 – 3.79 (m, 1H), 3.79 – 3.65 (m, 2H), 3.55 (d, J = 6.6 Hz, 1H), 3.08 (dd, J = 13.9, 5.1 Hz, 1H), 3.00 (dd, J = 13.8, 3.9 Hz, 1H), 2.92 (dd, J = 13.9, 9.0 Hz, 1H), 2.69 (dd, J = 13.7, 10.0 Hz, 1H), 1.11 (dd, J = 14.9, 6.6 Hz, 3H).



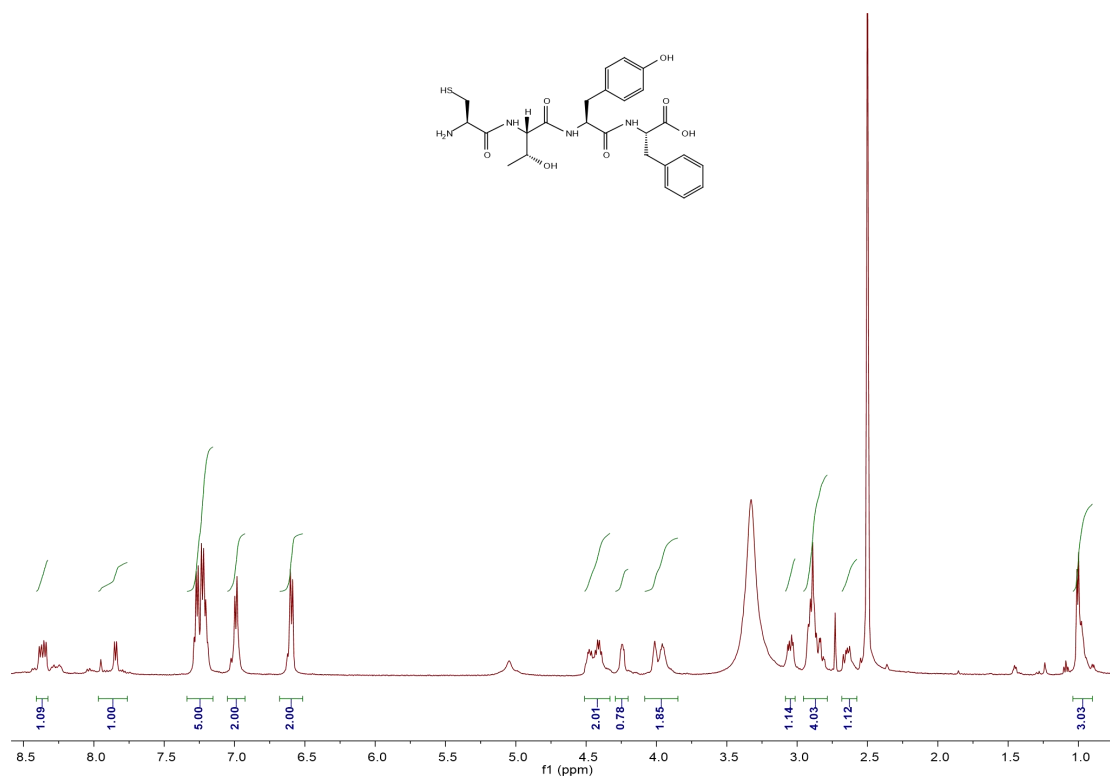
53. Compound **VAFY**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.42 (d, J = 7.7 Hz, 1H), 8.20 (d, J = 7.8 Hz, 1H), 8.10 (d, J = 8.4 Hz, 1H), 8.01 (d, J = 5.4 Hz, 2H), 7.24 – 7.13 (m, 5H), 7.01 (d, J = 8.4 Hz, 2H), 6.65 (d, J = 8.4 Hz, 2H), 4.55 (td, J = 8.9, 4.4 Hz, 1H), 4.42 – 4.30 (m, 2H), 3.38 (d, J = 7.0 Hz, 1H), 2.97 (ddd, J = 34.9, 14.0, 4.8 Hz, 2H), 2.78 (ddd, J = 28.2, 14.0, 8.9 Hz, 2H), 1.96 (h, J = 6.8 Hz, 1H), 1.17 (d, J = 7.0 Hz, 3H), 0.84 (dd, J = 6.9, 4.8 Hz, 6H).



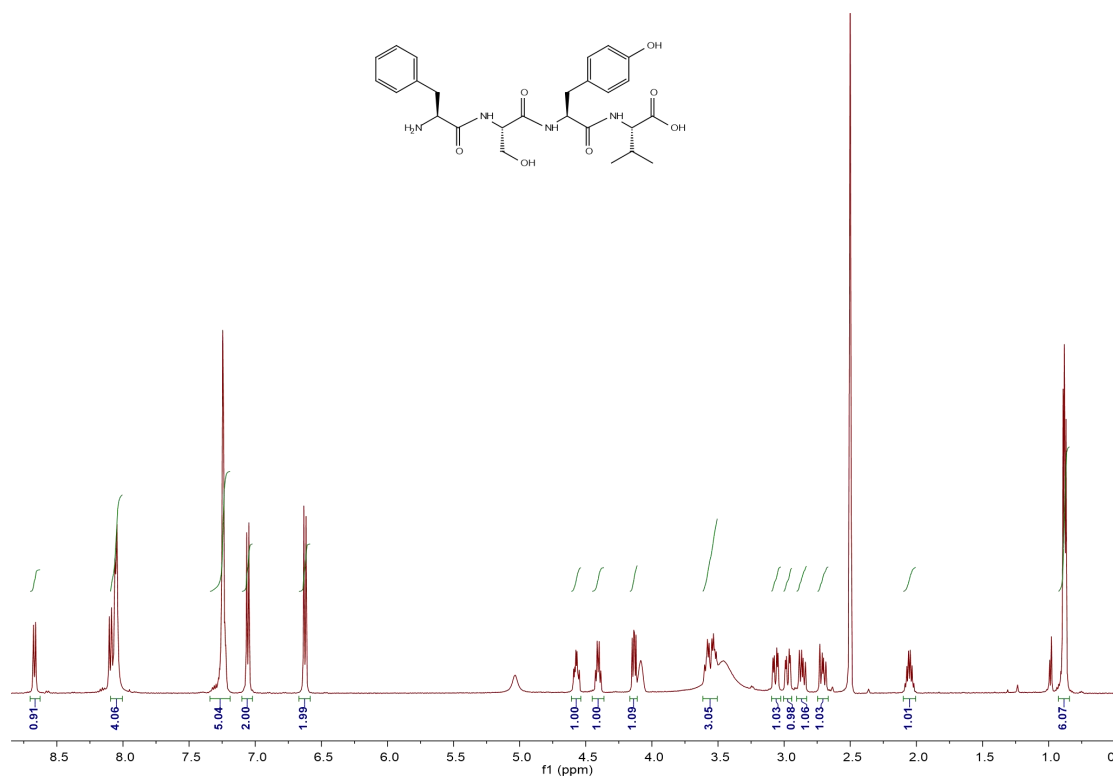
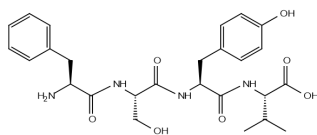
54. Compound **SSFF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.49 (ddd,  $J = 52.1, 36.3, 8.0$  Hz, 2H), 8.04 (d,  $J = 8.1$  Hz, 3H), 7.37 – 7.09 (m, 10H), 5.48 (s, 1H), 5.08 (s, 1H), 4.63 – 4.32 (m, 3H), 3.94 – 3.43 (m, 5H), 3.05 (ddd,  $J = 17.5, 14.1, 4.7$  Hz, 2H), 2.96 – 2.86 (m, 1H), 2.74 (dd,  $J = 22.9, 13.2$  Hz, 1H).



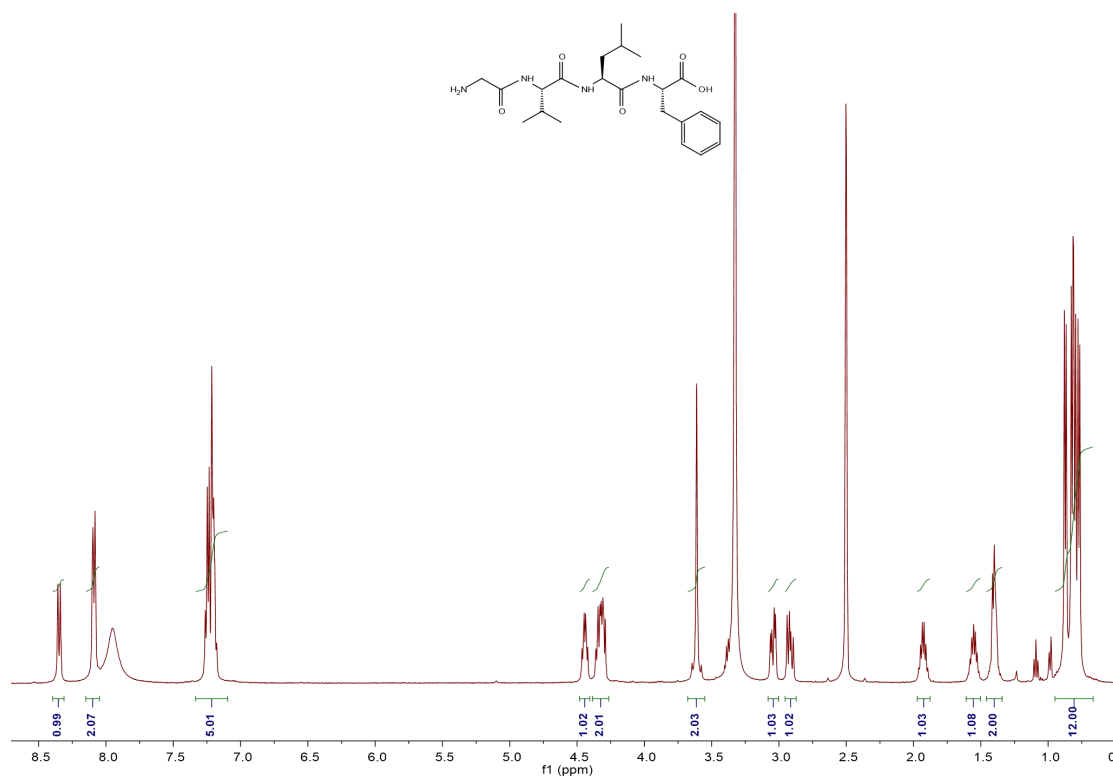
55. Compound **CTYF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.36 (dd,  $J = 16.4, 8.0$  Hz, 1H), 7.85 (d,  $J = 8.1$  Hz, 1H), 7.24 (tt,  $J = 15.0, 7.4$  Hz, 5H), 7.05 – 6.93 (m, 2H), 6.68 – 6.52 (m, 2H), 4.51 – 4.33 (m, 2H), 4.24 (dd,  $J = 8.2, 4.4$  Hz, 1H), 4.08 – 3.85 (m, 2H), 3.05 (dd,  $J = 13.9, 5.9$  Hz, 1H), 2.96 – 2.79 (m, 4H), 2.65 (dd,  $J = 14.3, 8.5$  Hz, 1H), 1.04 – 0.90 (m, 3H).



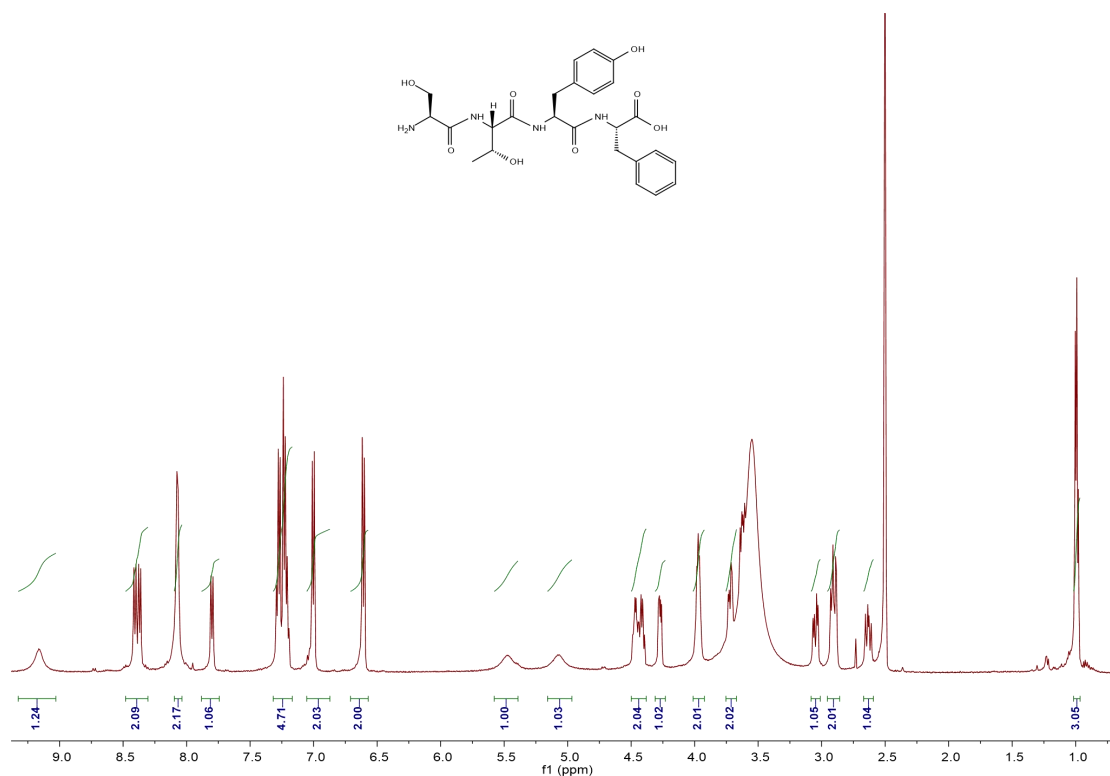
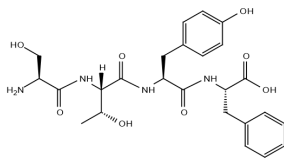
56. Compound **FSYV**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.67 (d, J = 8.0 Hz, 1H), 8.09 – 8.00 (m, 4H), 7.24 (p, J = 3.6 Hz, 5H), 7.06 (d, J = 8.4 Hz, 2H), 6.62 (d, J = 8.4 Hz, 2H), 4.57 (td, J = 8.5, 4.3 Hz, 1H), 4.41 (q, J = 6.1 Hz, 1H), 4.13 (dd, J = 8.4, 5.9 Hz, 1H), 3.62 – 3.51 (m, 3H), 3.07 (dd, J = 14.2, 4.6 Hz, 1H), 2.97 (dd, J = 14.0, 4.0 Hz, 1H), 2.86 (dd, J = 14.2, 8.6 Hz, 1H), 2.71 (dd, J = 13.9, 9.0 Hz, 1H), 2.05 (dq, J = 13.5, 6.8 Hz, 1H), 0.88 (dd, J = 6.7, 4.4 Hz, 6H).



57. Compound **GVLFF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.35 (d,  $J = 8.9$  Hz, 1H), 8.04 (t,  $J = 35.7$  Hz, 2H), 7.33 – 7.10 (m, 5H), 4.44 (dd,  $J = 13.4, 8.1$  Hz, 1H), 4.33 (dt,  $J = 15.3, 8.5$  Hz, 2H), 3.71 – 3.52 (m, 2H), 3.04 (dd,  $J = 14.1, 5.0$  Hz, 1H), 2.92 (dd,  $J = 14.0, 8.8$  Hz, 1H), 1.93 (td,  $J = 13.4, 6.8$  Hz, 1H), 1.55 (td,  $J = 13.0, 6.5$  Hz, 1H), 1.41 (d,  $J = 6.7$  Hz, 2H), 1.06 – 0.55 (m, 12H).

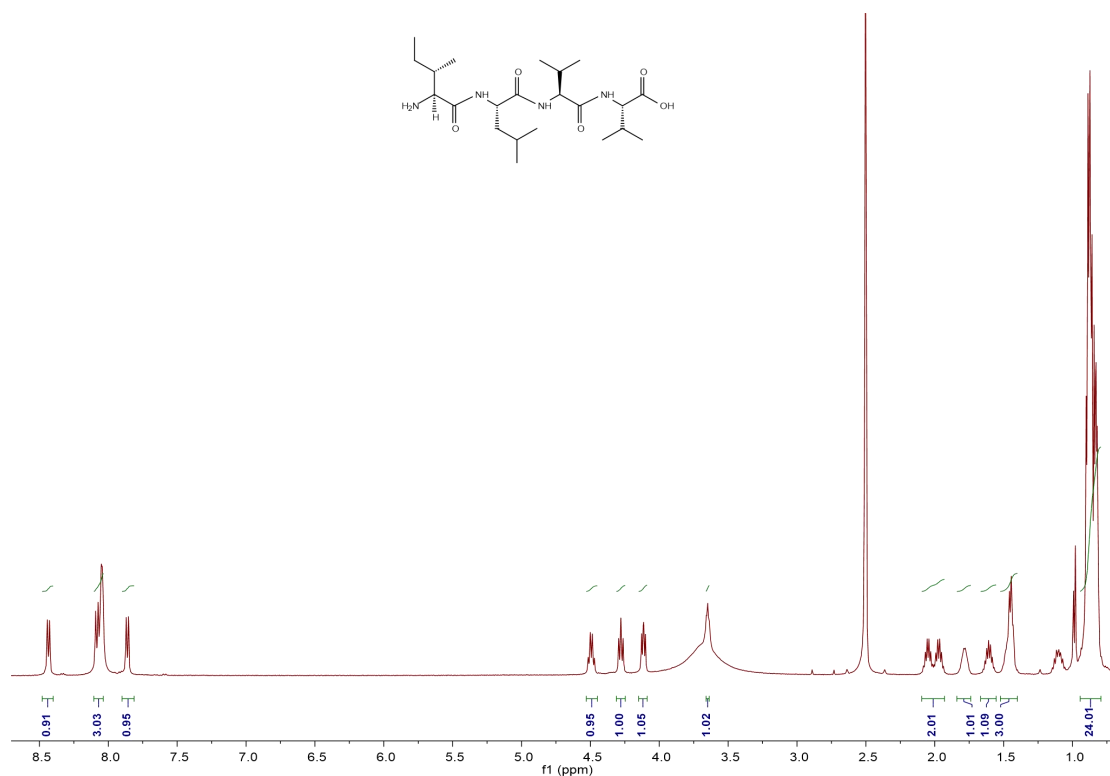


58. Compound **STYF**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 9.16 (s, 1H), 8.39 (dd, *J* = 18.8, 8.1 Hz, 2H), 8.08 (s, 2H), 7.80 (d, *J* = 8.2 Hz, 1H), 7.24 (tt, *J* = 14.5, 7.3 Hz, 5H), 7.02 (t, *J* = 13.5 Hz, 2H), 6.61 (d, *J* = 8.1 Hz, 2H), 5.48 (s, 1H), 5.07 (s, 1H), 4.50 – 4.38 (m, 2H), 4.27 (dd, *J* = 8.2, 4.1 Hz, 1H), 4.01 – 3.92 (m, 2H), 3.75 – 3.67 (m, 2H), 3.05 (dd, *J* = 13.9, 5.3 Hz, 1H), 2.91 (dd, *J* = 12.1, 7.4 Hz, 2H), 2.63 (dd, *J* = 13.8, 9.0 Hz, 1H), 1.02 – 0.96 (m, 3H).

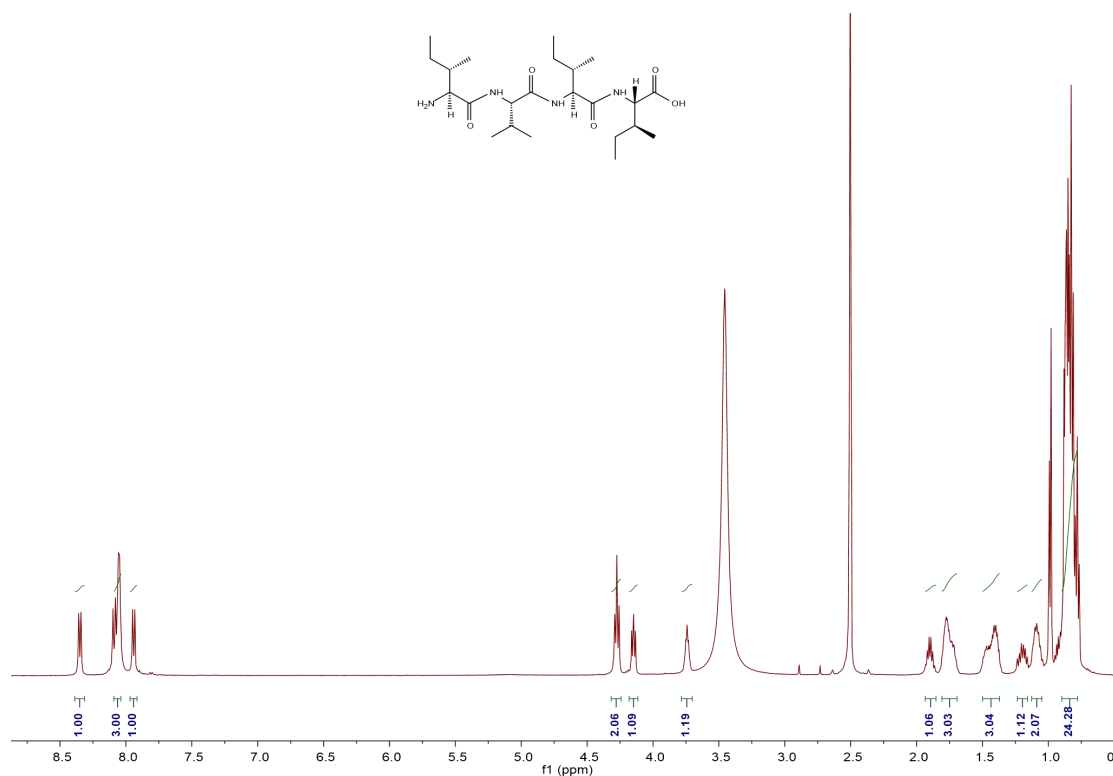


59. Compound **ILVV**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.43 (d,  $J = 8.1$  Hz, 1H), 8.06 (dd,  $J = 18.4, 7.2$  Hz, 3H), 4.49 (q,  $J = 7.8$  Hz, 1H), 4.28 (t,  $J = 8.1$  Hz, 1H), 4.11 (dd,  $J = 8.2, 5.8$  Hz, 1H), 3.65 (d,  $J = 5.5$  Hz, 1H), 2.01 (ddq,  $J = 39.3, 13.8, 6.8$  Hz, 2H), 1.78 (q,  $J = 5.7$  Hz, 1H), 1.61 (dp,  $J = 13.3, 6.6$  Hz, 1H), 1.52 – 1.40 (m, 3H), 0.94 – 0.79 (m, 24H).

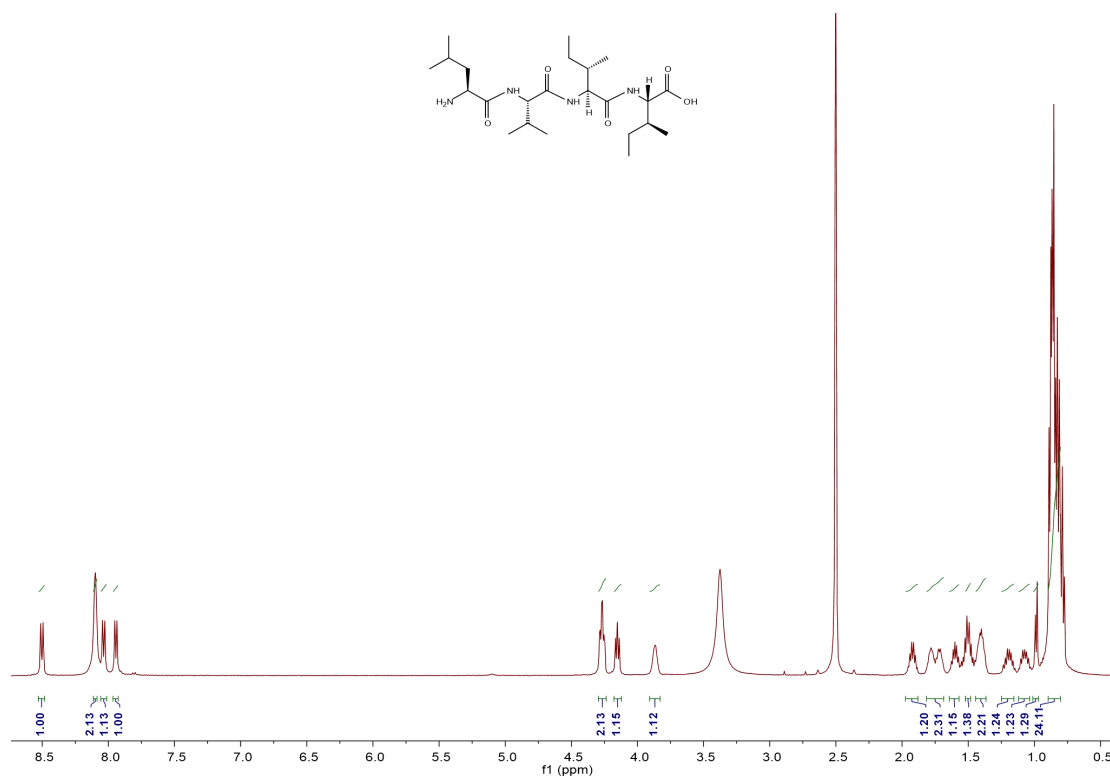




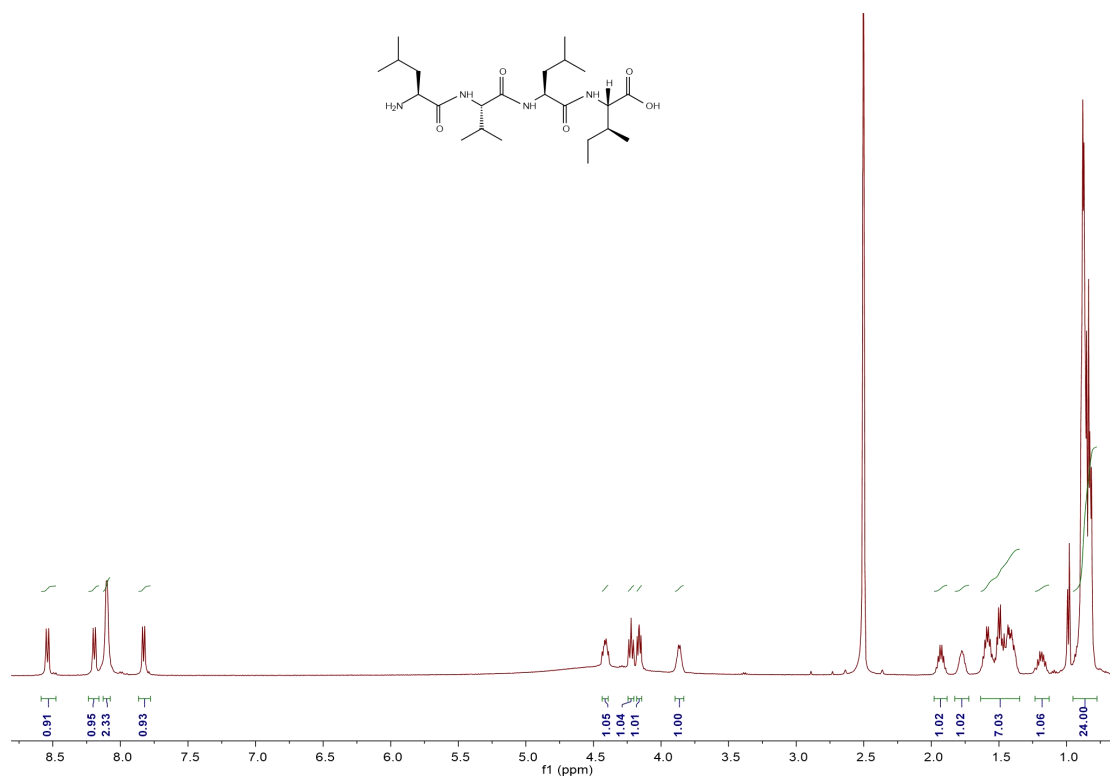
60. Compound **IVII**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  12.65 (d,  $J = 114.3$  Hz, 1H), 8.35 (d,  $J = 8.7$  Hz, 1H), 8.09 – 8.04 (m, 3H), 7.94 (d,  $J = 8.3$  Hz, 1H), 4.27 (t,  $J = 8.1$  Hz, 2H), 4.18 – 4.11 (m, 1H), 3.78 – 3.70 (m, 1H), 1.90 (dq,  $J = 13.7, 6.7$  Hz, 1H), 1.81 – 1.69 (m, 3H), 1.50 – 1.37 (m, 3H), 1.24 – 1.16 (m, 1H), 1.09 (dt,  $J = 13.4, 6.9$  Hz, 2H), 0.90 – 0.78 (m, 24H).



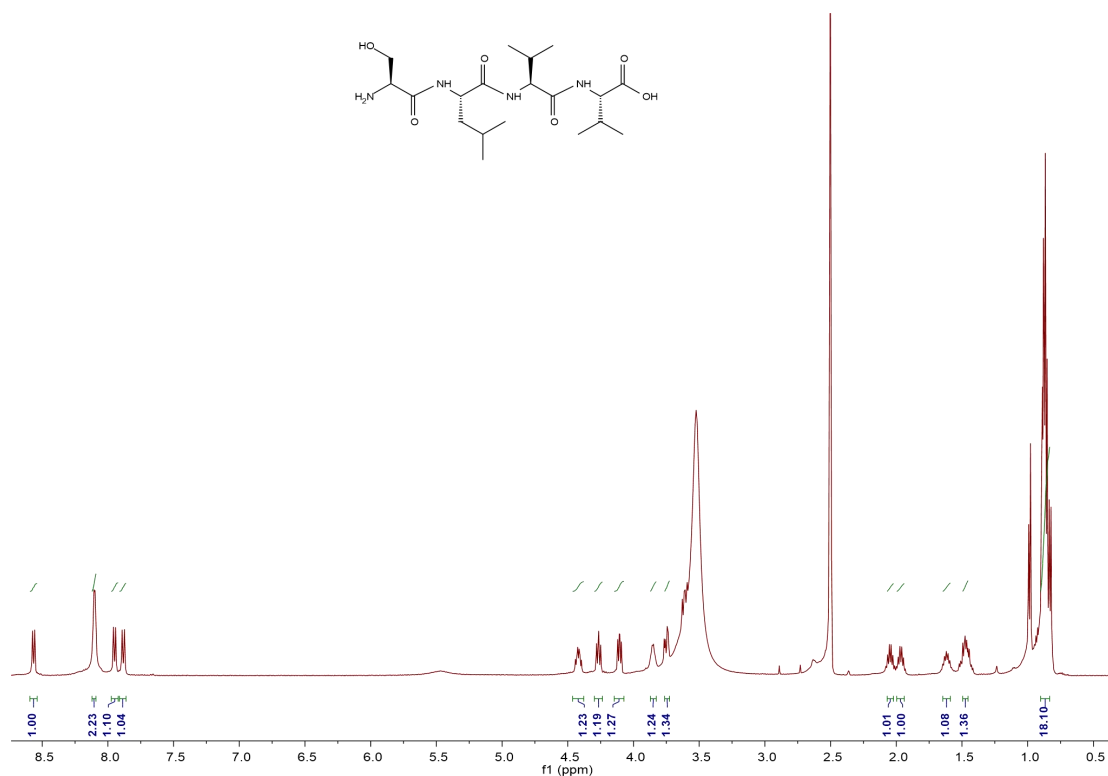
61. Compound **LVII**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.53 (s, 1H), 8.50 (d,  $J = 8.8$  Hz, 1H), 8.10 (s, 2H), 8.04 (d,  $J = 8.8$  Hz, 1H), 7.94 (d,  $J = 8.2$  Hz, 1H), 4.27 (td,  $J = 8.4, 3.1$  Hz, 2H), 4.18 – 4.12 (m, 1H), 3.87 (s, 1H), 1.92 (dq,  $J = 13.7, 6.7$  Hz, 1H), 1.82 – 1.68 (m, 2H), 1.60 (dt,  $J = 12.9, 6.5$  Hz, 1H), 1.52 – 1.48 (m, 1H), 1.39 (dd,  $J = 11.2, 6.6$  Hz, 2H), 1.20 (dt,  $J = 13.9, 7.6$  Hz, 1H), 1.12 – 1.04 (m, 1H), 0.99 (d,  $J = 6.8$  Hz, 1H), 0.85 (ddd,  $J = 17.7, 11.4, 5.4$  Hz, 24H).



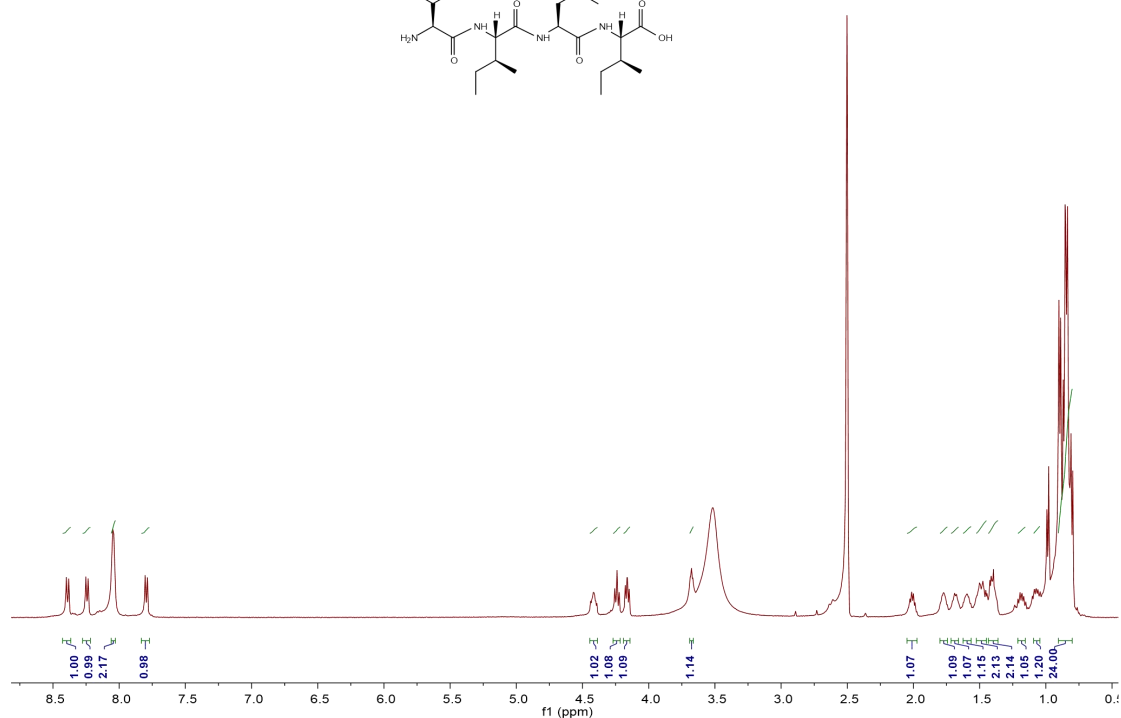
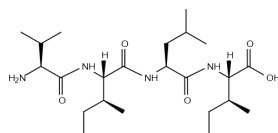
62. Compound **LVLI**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.54 (d,  $J = 8.9$  Hz, 1H), 8.10 (d,  $J = 5.2$  Hz, 2H), 7.83 (d,  $J = 8.4$  Hz, 1H), 4.42 (dt,  $J = 9.4, 4.6$  Hz, 1H), 4.22 (t,  $J = 8.3$  Hz, 1H), 4.16 (dd,  $J = 8.3, 6.0$  Hz, 1H), 3.87 (p,  $J = 6.2$  Hz, 1H), 1.93 (h,  $J = 6.9$  Hz, 1H), 1.77 (p,  $J = 6.4$  Hz, 1H), 1.63 – 1.35 (m, 7H), 1.23 – 1.13 (m, 1H), 0.95 – 0.77 (m, 24H).



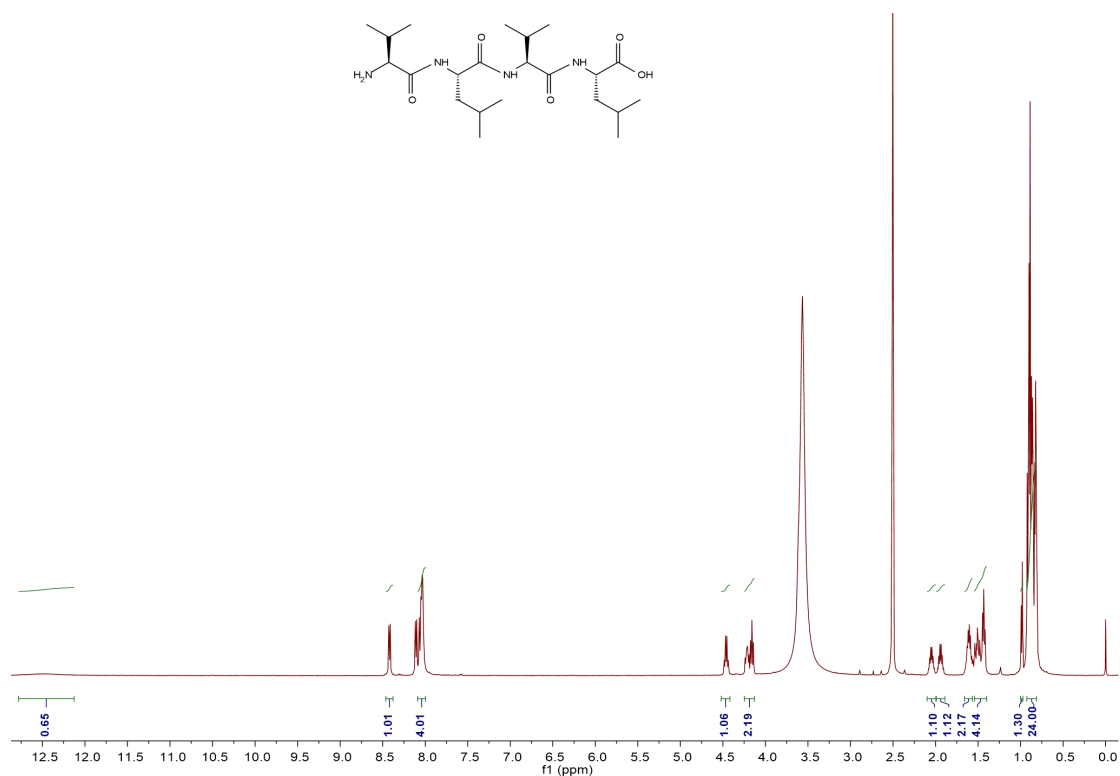
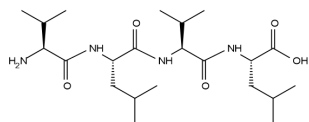
63. Compound **SLVV**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.53 (d,  $J = 7.9$  Hz, 1H), 8.34 (d,  $J = 7.5$  Hz, 1H), 8.19 (d,  $J = 7.9$  Hz, 1H), 8.10 – 7.92 (m, 1H), 7.59 (s, 1H), 7.33 – 7.19 (m, 5H), 7.19 – 7.14 (m, 1H), 7.01 – 6.82 (m, 1H), 5.06 (s, 1H), 4.69 – 4.58 (m, 1H), 4.39 – 4.22 (m, 2H), 3.74 (dd,  $J = 10.4, 5.4$  Hz, 2H), 3.64 (dd,  $J = 10.8, 3.9$  Hz, 1H), 3.55 (d,  $J = 7.1$  Hz, 1H), 3.13 – 2.99 (m, 3H), 2.76 (dt,  $J = 17.4, 8.8$  Hz, 1H), 1.51 – 1.43 (m, 2H), 1.09 – 0.93 (m, 3H).



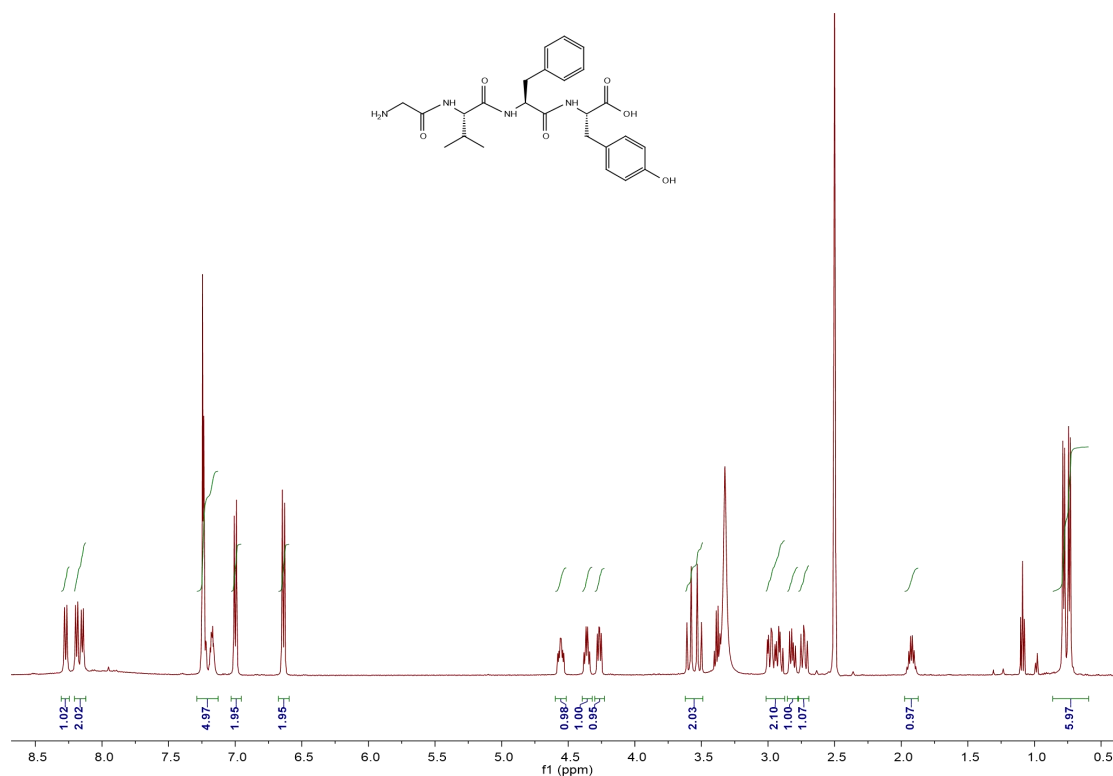
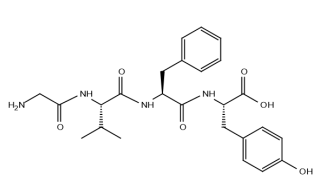
64. Compound **VIII**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 12.61 (s, 1H), 8.39 (d, *J* = 8.7 Hz, 1H), 8.24 (d, *J* = 8.4 Hz, 1H), 8.05 (s, 2H), 7.80 (d, *J* = 8.4 Hz, 1H), 4.45 – 4.39 (m, 1H), 4.24 (t, *J* = 8.5 Hz, 1H), 4.16 (dd, *J* = 8.0, 6.3 Hz, 1H), 3.67 (d, *J* = 5.0 Hz, 1H), 2.01 (dd, *J* = 12.7, 6.5 Hz, 1H), 1.77 (s, 1H), 1.68 (d, *J* = 7.1 Hz, 1H), 1.58 (d, *J* = 13.2 Hz, 1H), 1.48 (dd, *J* = 16.2, 7.6 Hz, 2H), 1.40 (dd, *J* = 13.4, 4.6 Hz, 2H), 1.17 (dd, *J* = 13.0, 6.7 Hz, 1H), 1.07 (dd, *J* = 13.4, 7.4 Hz, 1H), 0.85 (ddd, *J* = 18.0, 13.4, 5.6 Hz, 24H).



65. Compound **VLVL**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.49 (s, 1H), 8.42 (d,  $J = 7.9$  Hz, 1H), 8.05 (dd,  $J = 13.6, 6.6$  Hz, 4H), 4.46 (q,  $J = 7.6$  Hz, 1H), 4.25 – 4.13 (m, 2H), 2.05 (dq,  $J = 13.4, 6.8$  Hz, 1H), 1.94 (dq,  $J = 13.9, 6.8$  Hz, 1H), 1.60 (tt,  $J = 11.9, 5.9$  Hz, 2H), 1.54 – 1.40 (m, 4H), 0.99 (d,  $J = 6.7$  Hz, 1H), 0.87 (dtd,  $J = 18.4, 10.3, 6.1$  Hz, 24H).

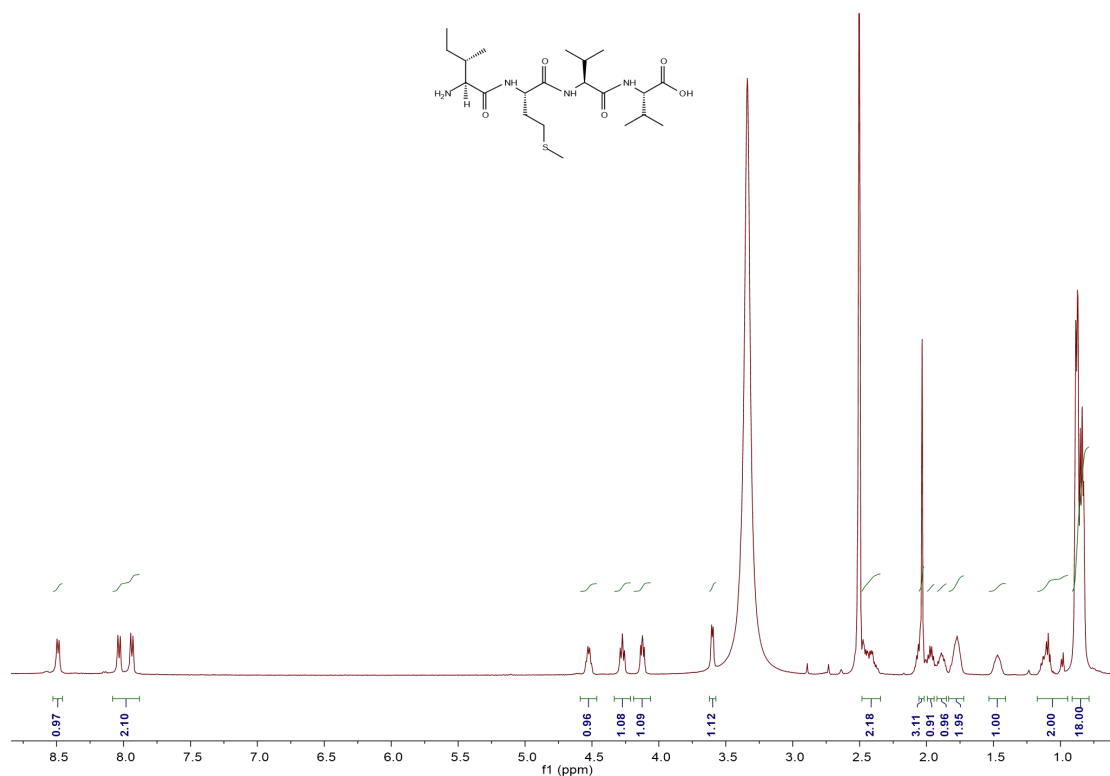


66. Compound **GVFY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.27 (d,  $J = 9.1$  Hz, 1H), 8.17 (dd,  $J = 21.1, 8.0$  Hz, 2H), 7.29 – 7.13 (m, 5H), 7.00 (d,  $J = 8.4$  Hz, 2H), 6.64 (d,  $J = 8.4$  Hz, 2H), 4.56 (td,  $J = 9.5, 4.4$  Hz, 1H), 4.36 (q,  $J = 7.8$  Hz, 1H), 4.27 (dd,  $J = 9.0, 6.2$  Hz, 1H), 3.62 – 3.49 (m, 2H), 3.01 – 2.87 (m, 2H), 2.82 (dd,  $J = 14.0, 8.0$  Hz, 1H), 2.73 (dd,  $J = 13.8, 10.1$  Hz, 1H), 1.92 (dq,  $J = 13.1, 6.6$  Hz, 1H), 0.76 (dd,  $J = 21.5, 6.8$  Hz, 6H).

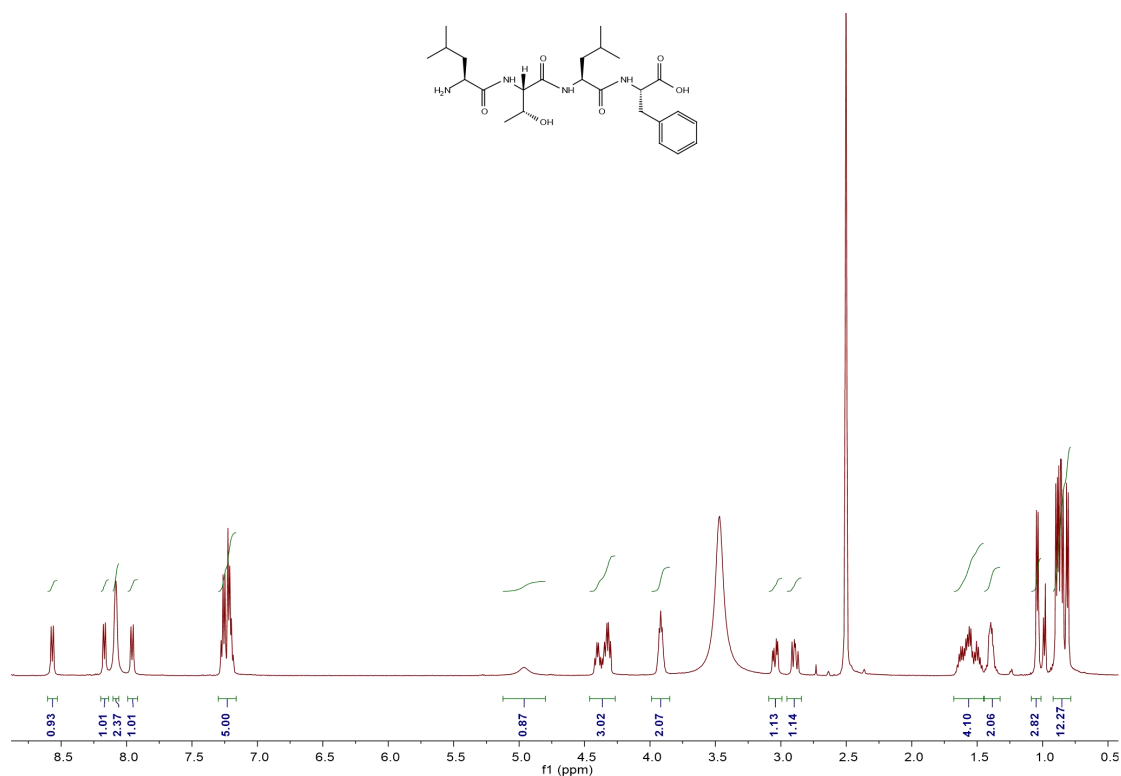
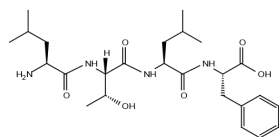


67. Compound **IMVV**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.49 (d,  $J = 7.9$  Hz, 1H), 7.99 (dd,  $J = 47.9, 8.5$  Hz, 2H), 4.52 (dd,  $J = 13.0, 7.4$  Hz, 1H), 4.27 (t,  $J = 7.8$  Hz, 1H), 4.19 – 4.06 (m, 1H), 3.60 (d,  $J = 5.3$  Hz, 1H), 2.48 – 2.34 (m, 2H), 2.04 (d,  $J = 7.3$  Hz, 3H), 1.97 (dd,  $J = 13.5, 6.7$  Hz, 1H), 1.89 (dd,  $J = 14.4, 9.3$  Hz, 1H), 1.77 (s, 2H), 1.47 (s, 1H), 1.17 – 0.94 (m, 2H), 0.91 – 0.79 (m, 18H).

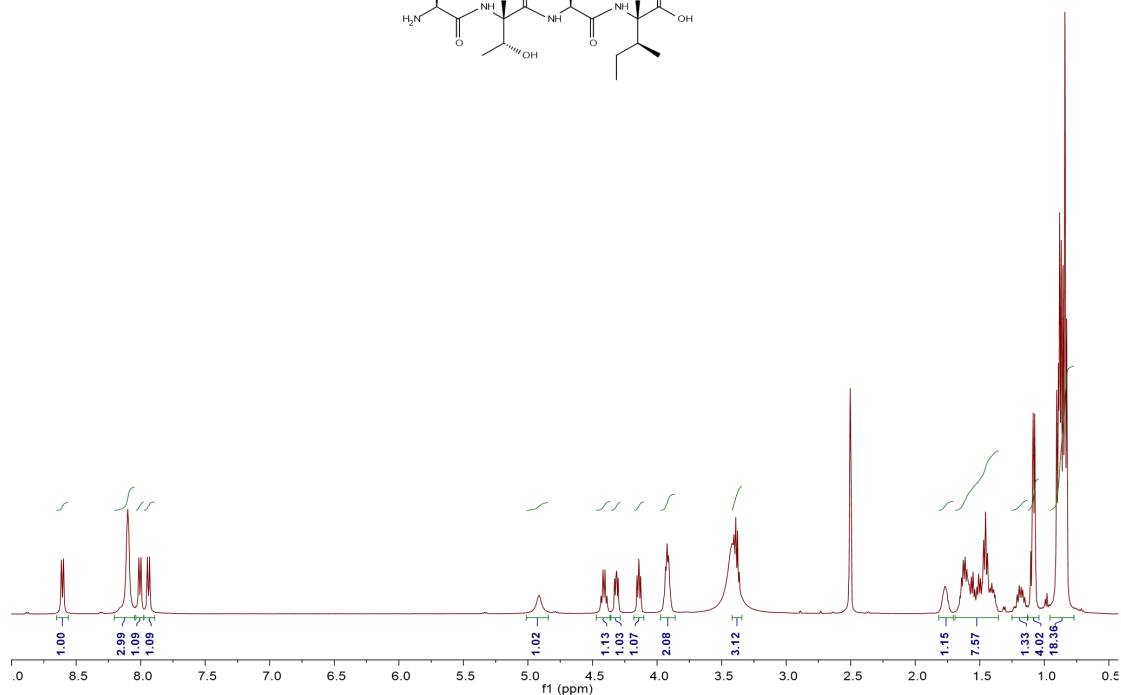
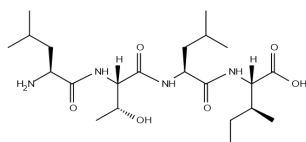




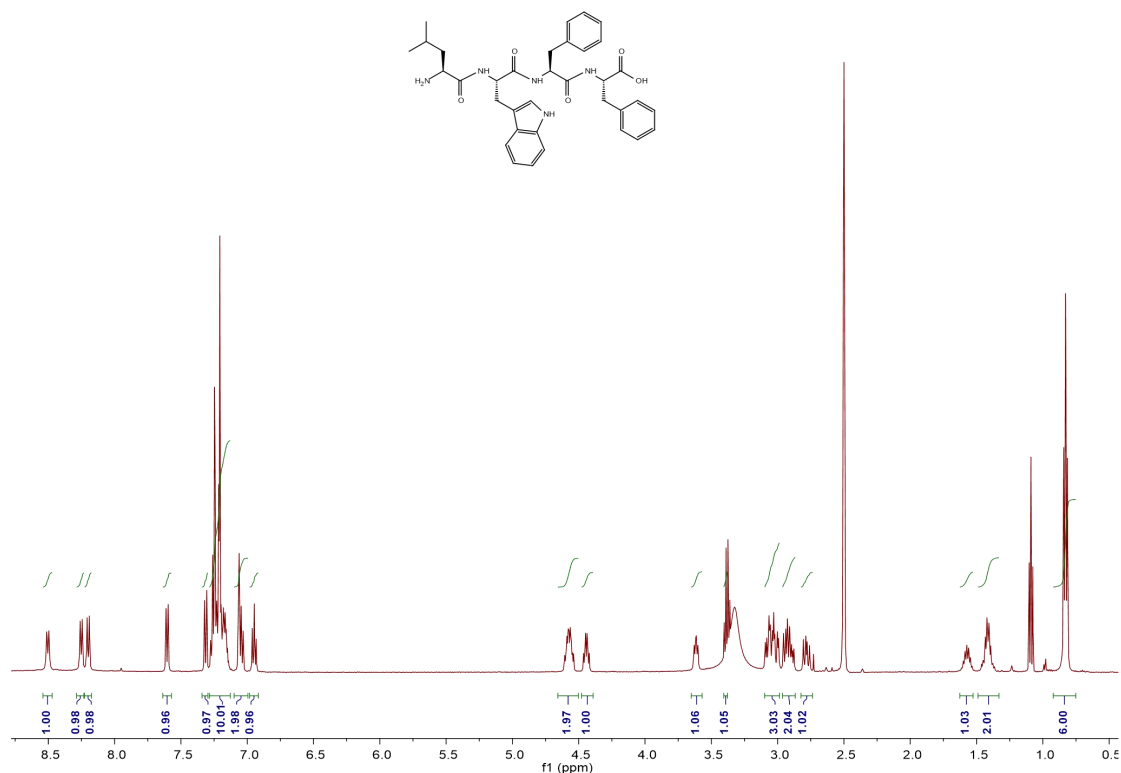
68. Compound **LTLF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.57 (d,  $J = 8.4$  Hz, 1H), 8.17 (d,  $J = 7.7$  Hz, 1H), 8.08 (d,  $J = 2.6$  Hz, 2H), 7.96 (d,  $J = 8.4$  Hz, 1H), 7.30 – 7.16 (m, 5H), 4.96 (s, 1H), 4.46 – 4.27 (m, 3H), 3.99 – 3.85 (m, 2H), 3.04 (dd,  $J = 14.0, 5.2$  Hz, 1H), 2.89 (dd,  $J = 13.6, 9.4$  Hz, 1H), 1.56 (tdt,  $J = 35.3, 13.8, 6.8$  Hz, 4H), 1.44 – 1.32 (m, 2H), 1.04 (d,  $J = 6.2$  Hz, 3H), 0.86 (ddd,  $J = 26.5, 15.6, 6.4$  Hz, 12H).



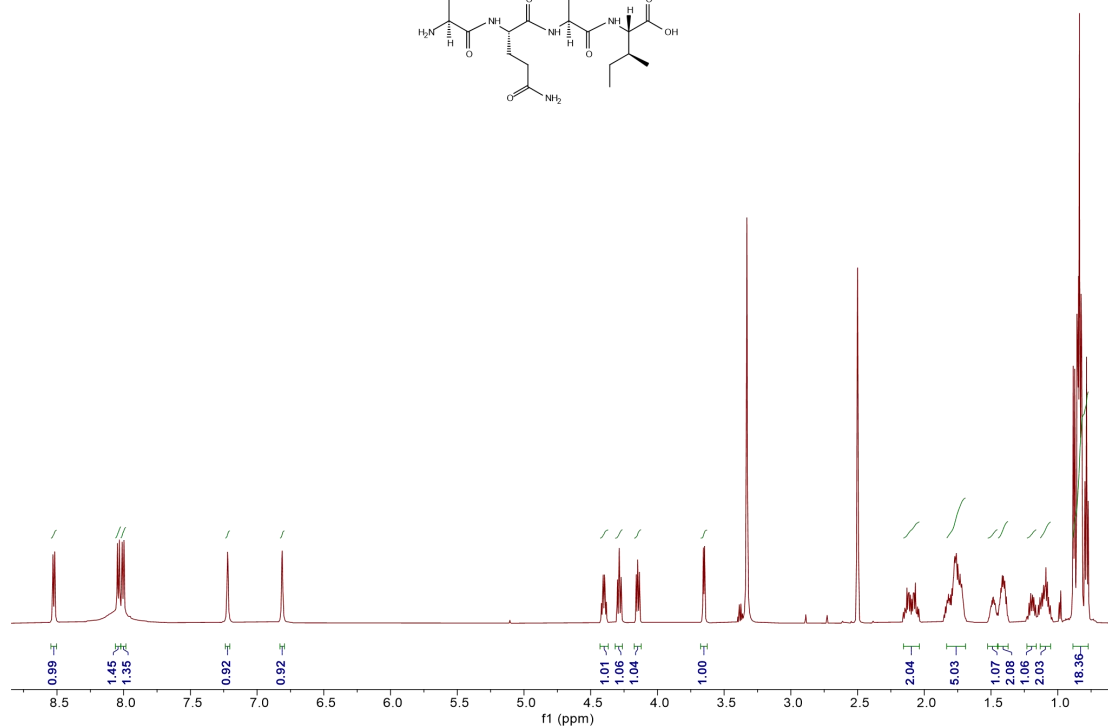
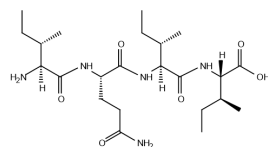
69. Compound **LTLI**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.61 (d,  $J = 8.3$  Hz, 1H), 8.10 (s, 3H), 8.01 (d,  $J = 8.3$  Hz, 1H), 7.94 (d,  $J = 8.2$  Hz, 1H), 4.92 (s, 1H), 4.41 (dd,  $J = 15.4, 7.7$  Hz, 1H), 4.36 – 4.29 (m, 1H), 4.18 – 4.10 (m, 1H), 3.97 – 3.86 (m, 2H), 1.76 (d,  $J = 12.0$  Hz, 1H), 1.66 – 1.39 (m, 7H), 1.22 – 1.15 (m, 1H), 1.08 (d,  $J = 6.1$  Hz, 3H), 0.93 – 0.80 (m, 18H).



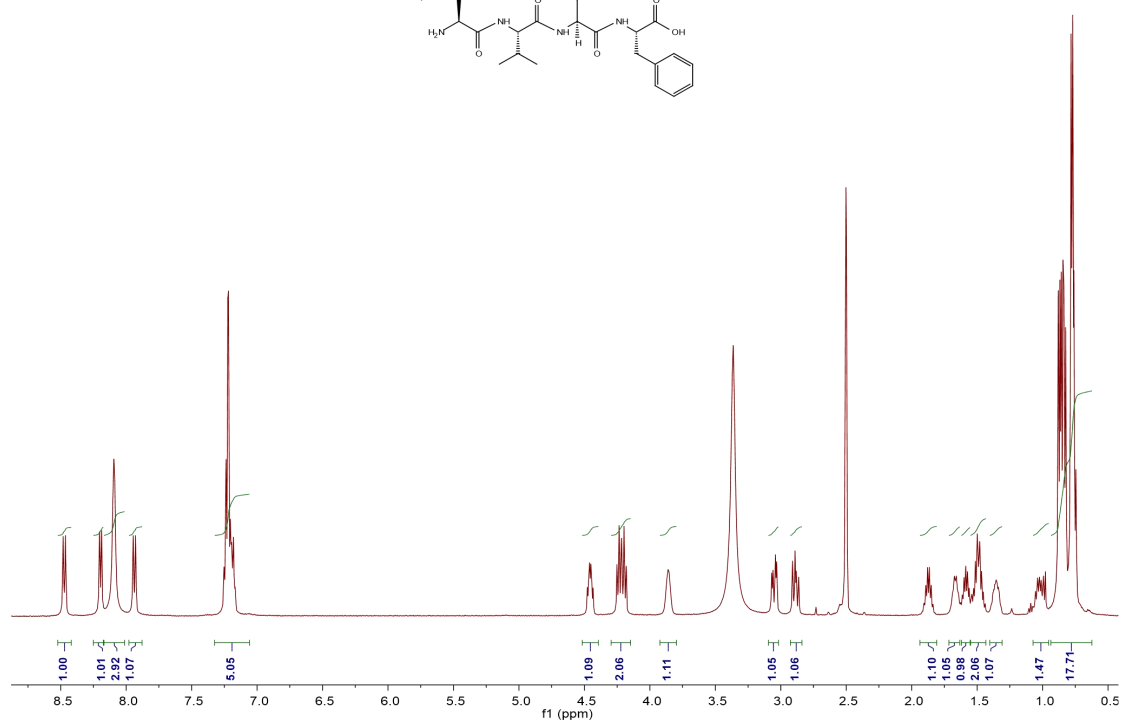
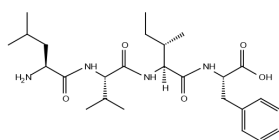
70. Compound **LWFF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.50 (d,  $J = 8.2$  Hz, 1H), 8.25 (d,  $J = 7.6$  Hz, 1H), 8.20 (d,  $J = 8.2$  Hz, 1H), 7.60 (d,  $J = 7.9$  Hz, 1H), 7.31 (d,  $J = 8.1$  Hz, 1H), 7.29 – 7.13 (m, 10H), 7.10 – 6.99 (m, 2H), 6.95 (t,  $J = 7.4$  Hz, 1H), 4.57 (dtd,  $J = 12.8, 8.5, 4.8$  Hz, 2H), 4.44 (td,  $J = 7.9, 5.4$  Hz, 1H), 3.62 (dd,  $J = 8.5, 5.7$  Hz, 1H), 3.39 (s, 1H), 3.10 – 2.99 (m, 3H), 2.96 – 2.87 (m, 2H), 2.78 (dd,  $J = 14.0, 9.3$  Hz, 1H), 1.57 (dp,  $J = 13.3, 6.5$  Hz, 1H), 1.42 (dt,  $J = 12.6, 7.5$  Hz, 2H), 0.83 (t,  $J = 6.9$  Hz, 6H).



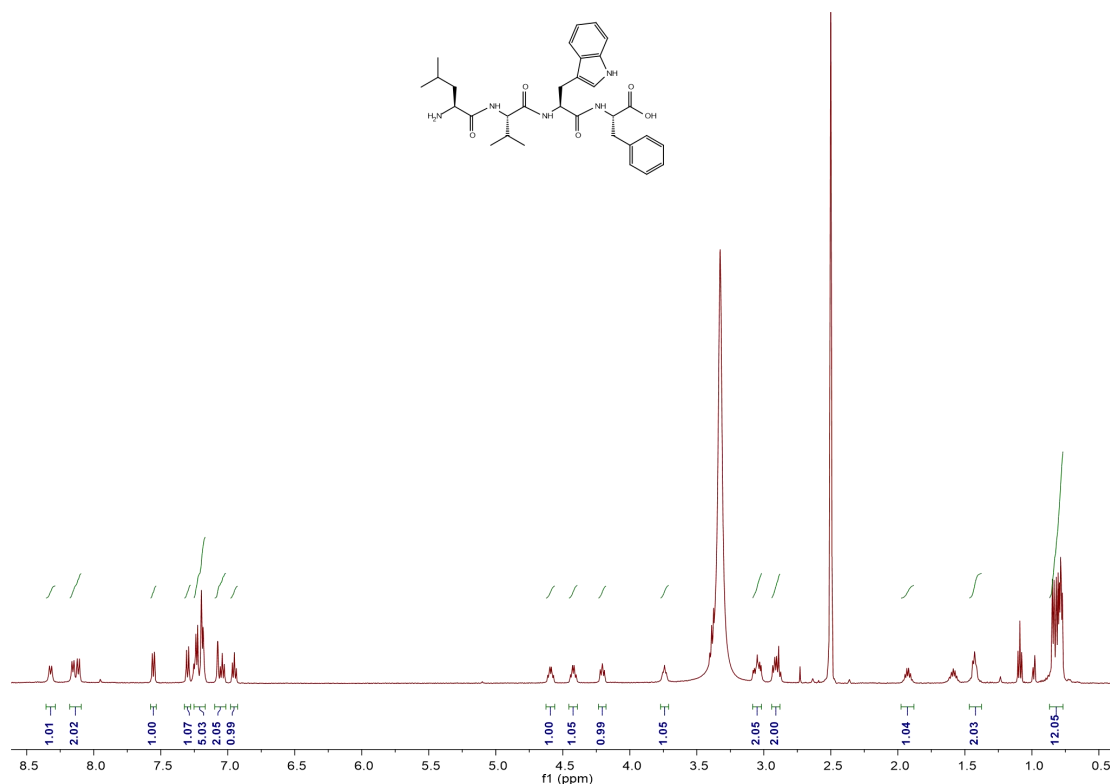
71. Compound **IQII**:  $^1\text{H}$  NMR (600 MHz, DMSO- $d_6$ )  $\delta$  8.52 (d,  $J = 7.9$  Hz, 1H), 8.04 (d,  $J = 8.9$  Hz, 1H), 8.00 (d,  $J = 8.1$  Hz, 1H), 7.22 (d,  $J = 2.4$  Hz, 1H), 6.81 (d,  $J = 2.4$  Hz, 1H), 4.40 (q,  $J = 7.6$  Hz, 1H), 4.29 (t,  $J = 8.3$  Hz, 1H), 4.15 (dd,  $J = 8.1, 6.1$  Hz, 1H), 3.65 (d,  $J = 5.6$  Hz, 1H), 2.10 (dddd,  $J = 37.6, 15.2, 10.1, 5.9$  Hz, 2H), 1.83 – 1.69 (m, 5H), 1.49 (dtd,  $J = 13.8, 7.3, 3.6$  Hz, 1H), 1.41 (dq,  $J = 14.7, 7.0, 3.8$  Hz, 2H), 1.19 (ddd,  $J = 13.5, 8.7, 7.0$  Hz, 1H), 1.13 – 1.05 (m, 2H), 0.89 – 0.77 (m, 18H).



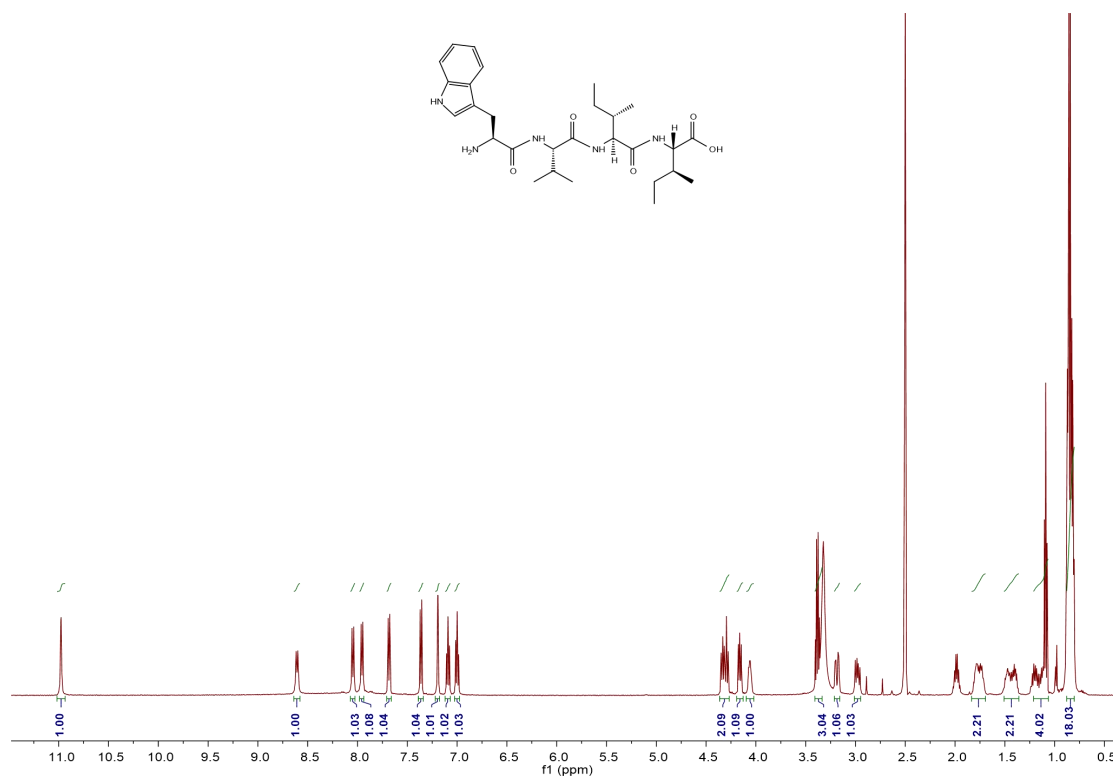
72. Compound **LVIF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.47 (d,  $J = 8.8$  Hz, 1H), 8.20 (d,  $J = 7.8$  Hz, 1H), 8.09 (s, 2H), 7.94 (d,  $J = 9.0$  Hz, 1H), 7.32 – 7.06 (m, 5H), 4.46 (dd,  $J = 13.4, 8.5$  Hz, 1H), 4.30 – 4.15 (m, 2H), 3.86 (s, 1H), 3.05 (dd,  $J = 14.2, 4.8$  Hz, 1H), 2.89 (dd,  $J = 14.0, 9.4$  Hz, 1H), 1.87 (dq,  $J = 13.5, 6.7$  Hz, 1H), 1.67 (d,  $J = 7.7$  Hz, 1H), 1.59 (dt,  $J = 13.0, 6.4$  Hz, 1H), 1.49 (qd,  $J = 13.6, 7.0$  Hz, 2H), 1.35 (d,  $J = 7.8$  Hz, 1H), 1.04 – 0.98 (m, 1H), 0.96 – 0.54 (m, 18H).



73. Compound **LVWF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.32 (d,  $J = 8.6$  Hz, 1H), 8.13 (dd,  $J = 20.1, 7.9$  Hz, 2H), 7.56 (d,  $J = 7.9$  Hz, 1H), 7.30 (d,  $J = 8.1$  Hz, 1H), 7.25 – 7.17 (m, 5H), 7.05 (dd,  $J = 15.7, 8.4$  Hz, 2H), 6.95 (t,  $J = 7.5$  Hz, 1H), 4.59 (q,  $J = 8.1$  Hz, 1H), 4.42 (q,  $J = 7.7$  Hz, 1H), 4.23 – 4.18 (m, 1H), 3.74 (t,  $J = 6.4$  Hz, 1H), 3.05 (td,  $J = 14.3, 12.6, 5.1$  Hz, 2H), 2.91 (dd,  $J = 14.3, 7.8$  Hz, 2H), 1.93 (dq,  $J = 13.4, 7.0, 6.6$  Hz, 1H), 1.42 (dd,  $J = 10.2, 4.0$  Hz, 2H), 0.87 – 0.77 (m, 12H).

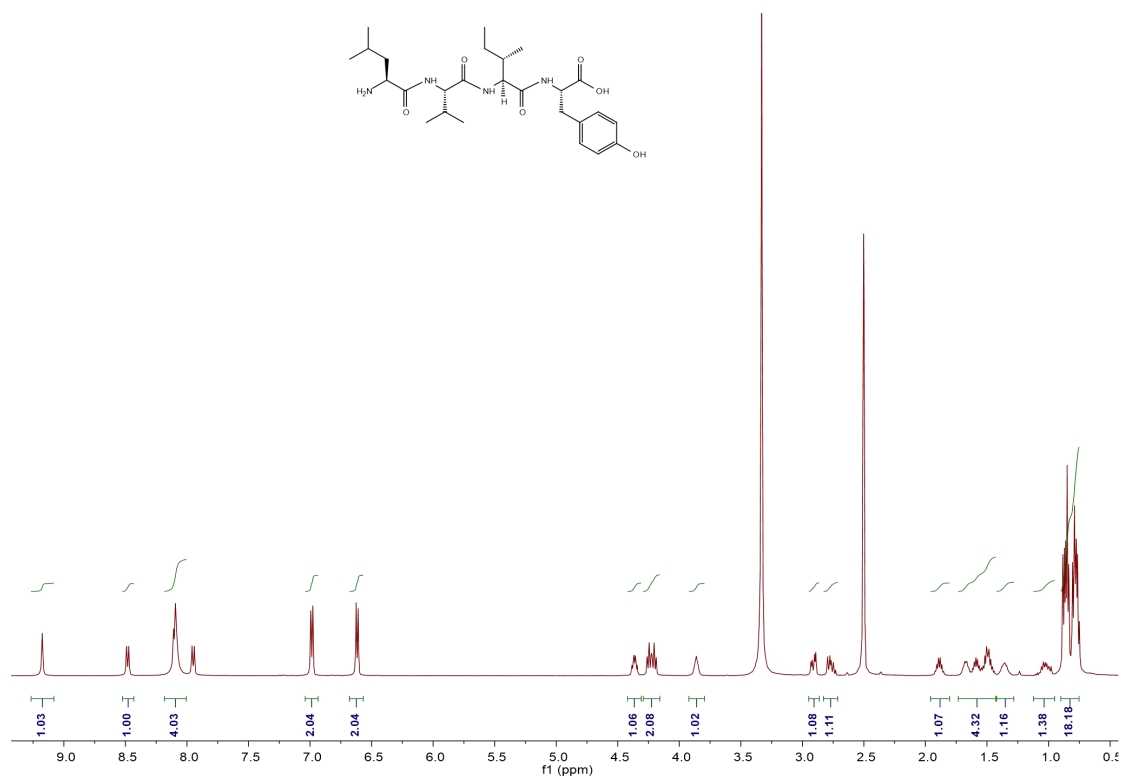


74. Compound **WVII**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.98 (s, 1H), 8.61 (d, J = 8.7 Hz, 1H), 8.05 (d, J = 8.7 Hz, 1H), 7.96 (d, J = 8.2 Hz, 1H), 7.68 (d, J = 7.9 Hz, 1H), 7.36 (d, J = 8.1 Hz, 1H), 7.22 – 7.18 (m, 1H), 7.09 (t, J = 7.4 Hz, 1H), 7.00 (t, J = 7.4 Hz, 1H), 4.36 – 4.27 (m, 2H), 4.16 (dd, J = 8.1, 6.4 Hz, 1H), 4.06 (dd, J = 7.8, 4.5 Hz, 1H), 3.38 (q, J = 7.0 Hz, 3H), 3.19 (dd, J = 14.8, 4.4 Hz, 1H), 2.98 (dd, J = 14.8, 8.7 Hz, 1H), 1.77 (dp, J = 21.3, 6.8 Hz, 2H), 1.51 – 1.36 (m, 2H), 1.21 – 1.06 (m, 4H), 0.88 – 0.80 (m, 18H).

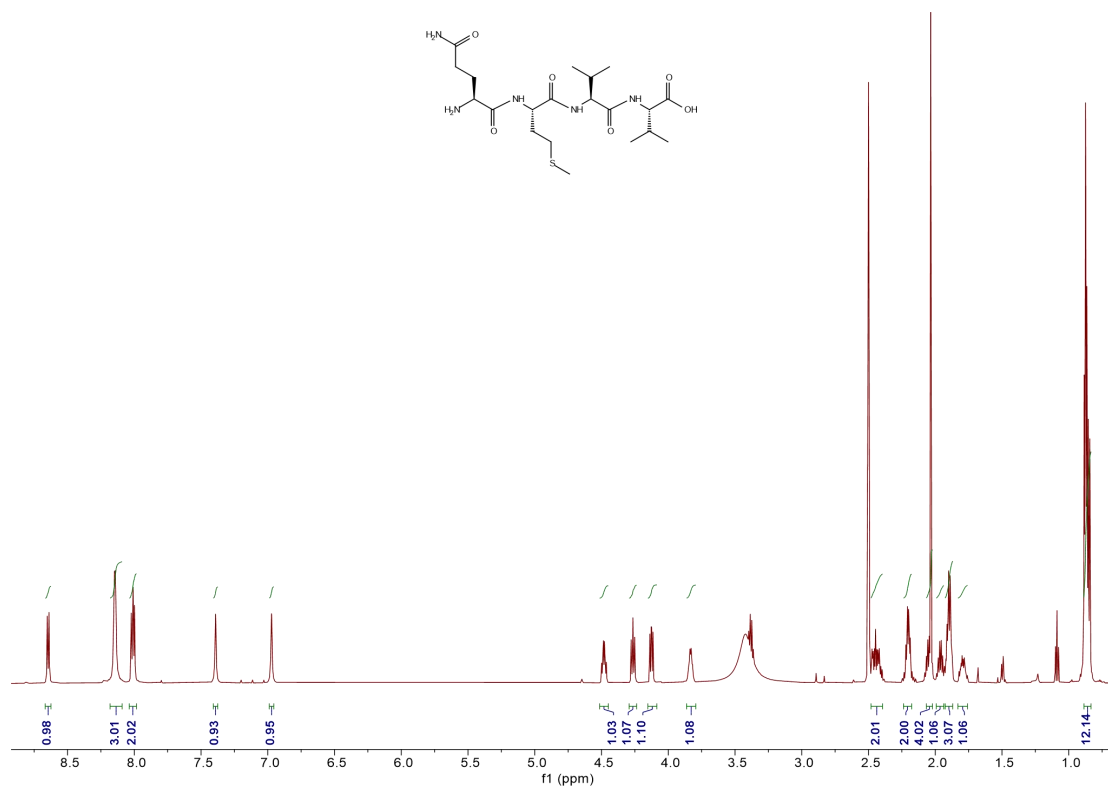


75. Compound **LVIY**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 9.18 (s, 1H), 8.48 (d, *J* = 8.8 Hz, 1H), 8.10 (d, *J* = 7.7 Hz, 4H), 6.99 (d, *J* = 8.1 Hz, 2H), 6.62 (d, *J* = 8.1 Hz, 2H), 4.36 (dd, *J* = 13.3, 8.1 Hz, 1H), 4.22 (dt, *J* = 17.3, 8.3 Hz, 2H), 3.86 (s, 1H), 2.91 (dd, *J* = 14.3, 5.0 Hz, 1H), 2.83 – 2.71 (m, 1H), 1.89 (dq, *J* = 13.8, 6.9 Hz, 1H), 1.56 (dddd, *J* = 31.2, 21.3, 19.2, 7.6 Hz, 4H), 1.42 – 1.28 (m, 1H), 1.12 – 0.95 (m, 1H), 0.90 – 0.75 (m, 18H).

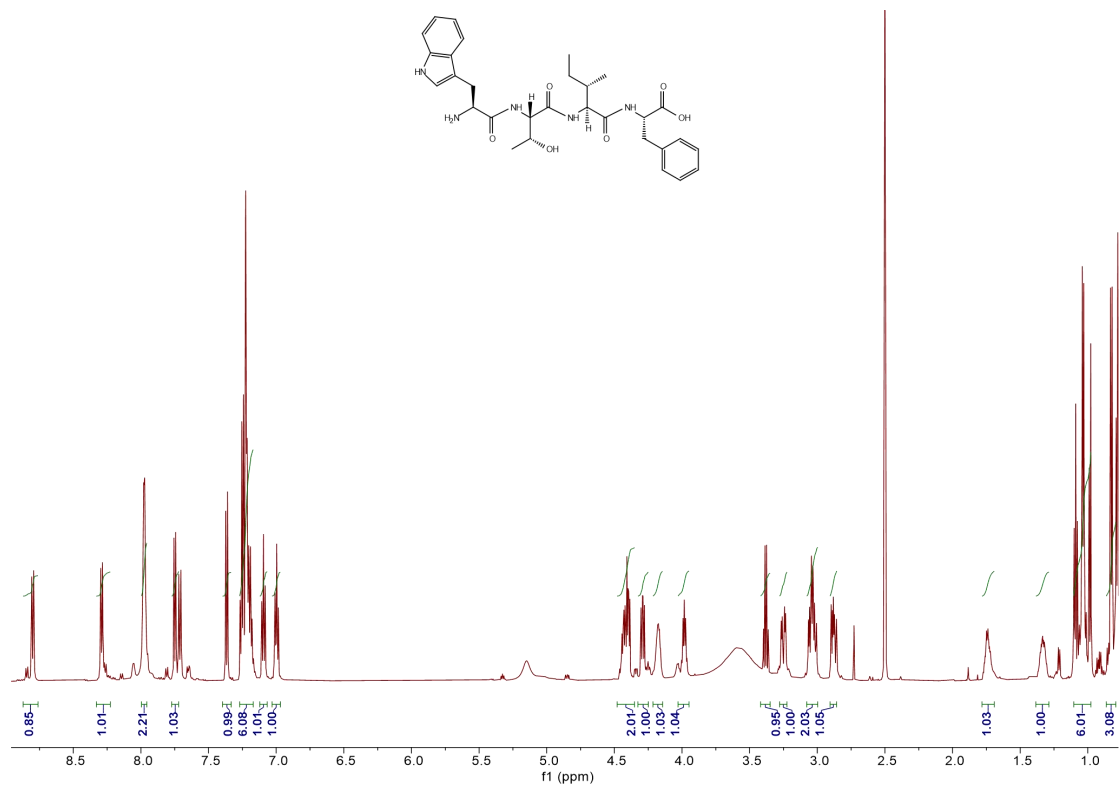




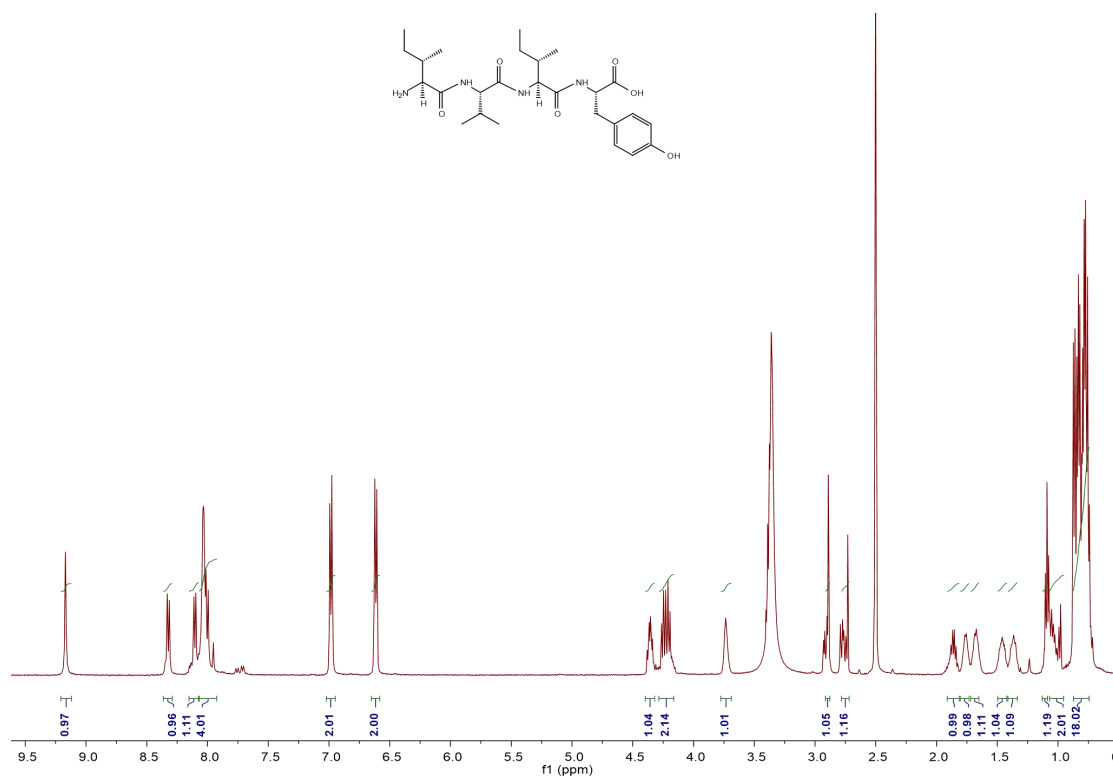
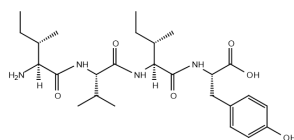
76. Compound **QMVV**:  $^1\text{H}$  NMR (600 MHz, DMSO- $d_6$ )  $\delta$  8.65 (d,  $J = 7.8$  Hz, 1H), 8.15 (d,  $J = 5.3$  Hz, 3H), 8.01 (dd,  $J = 8.6, 6.3$  Hz, 2H), 7.39 (d,  $J = 2.4$  Hz, 1H), 6.99 – 6.95 (m, 1H), 4.48 (td,  $J = 8.1, 5.0$  Hz, 1H), 4.26 (dd,  $J = 8.7, 7.2$  Hz, 1H), 4.13 (dd,  $J = 8.3, 5.8$  Hz, 1H), 3.83 (p,  $J = 5.9$  Hz, 1H), 2.48 – 2.39 (m, 2H), 2.20 (td,  $J = 7.5, 4.2$  Hz, 2H), 2.03 (s, 4H), 1.97 (dt,  $J = 13.7, 6.8$  Hz, 1H), 1.89 (q,  $J = 7.5$  Hz, 3H), 1.79 (dtd,  $J = 13.6, 9.0, 8.6, 5.1$  Hz, 1H), 0.89 – 0.83 (m, 12H).



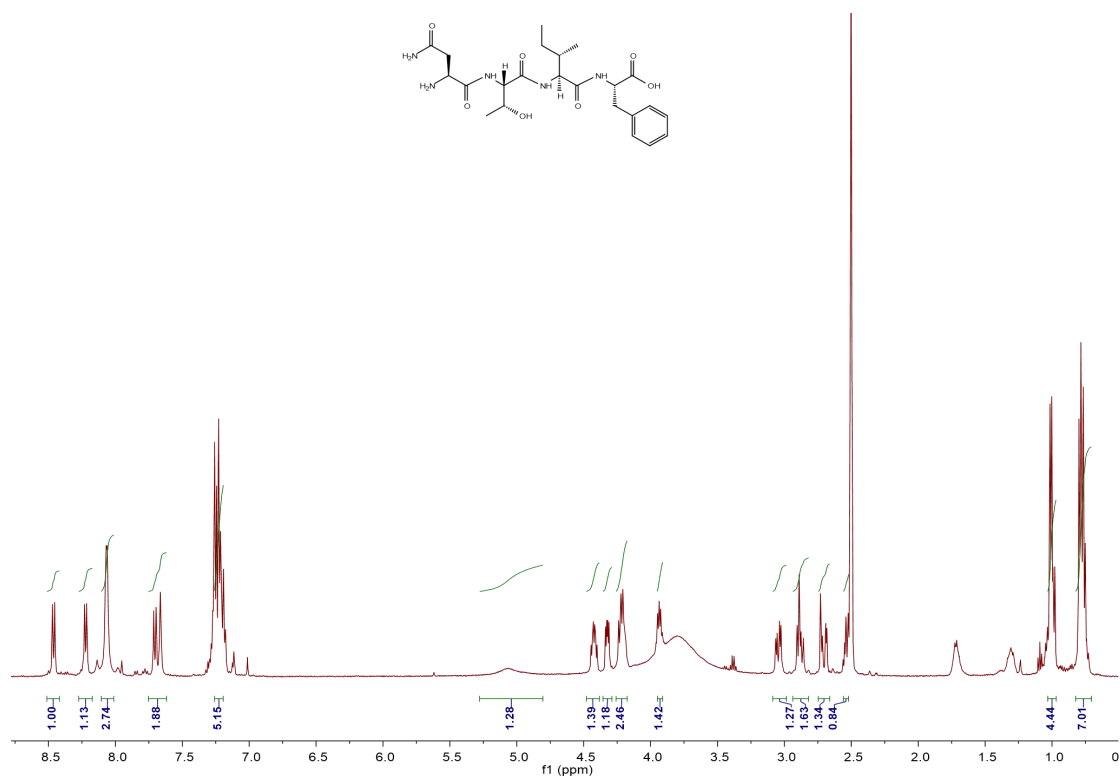
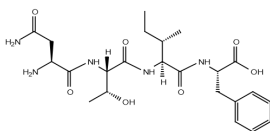
77. Compound **WTIF**:  $^1\text{H}$  NMR (600 MHz, DMSO- $d_6$ )  $\delta$  8.80 (d,  $J$  = 8.2 Hz, 1H), 8.33 – 8.23 (m, 1H), 7.98 (d,  $J$  = 5.4 Hz, 2H), 7.75 (d,  $J$  = 7.9 Hz, 1H), 7.37 (d,  $J$  = 8.0 Hz, 1H), 7.27 – 7.17 (m, 6H), 7.09 (t,  $J$  = 7.5 Hz, 1H), 7.00 (t,  $J$  = 7.4 Hz, 1H), 4.48 – 4.35 (m, 2H), 4.29 (dd,  $J$  = 8.9, 6.4 Hz, 1H), 4.18 (dq,  $J$  = 9.7, 5.3 Hz, 1H), 3.98 (p,  $J$  = 6.2 Hz, 1H), 3.38 (q,  $J$  = 7.0 Hz, 1H), 3.25 (dd,  $J$  = 14.8, 4.7 Hz, 1H), 3.04 (dtd,  $J$  = 14.9, 9.6, 8.9, 4.4 Hz, 2H), 2.91 – 2.86 (m, 1H), 1.75 (dtt,  $J$  = 10.0, 6.7, 4.1 Hz, 1H), 1.34 (dtq,  $J$  = 15.6, 8.2, 5.2, 4.2 Hz, 1H), 1.10 – 0.98 (m, 6H), 0.86 – 0.79 (m, 3H).



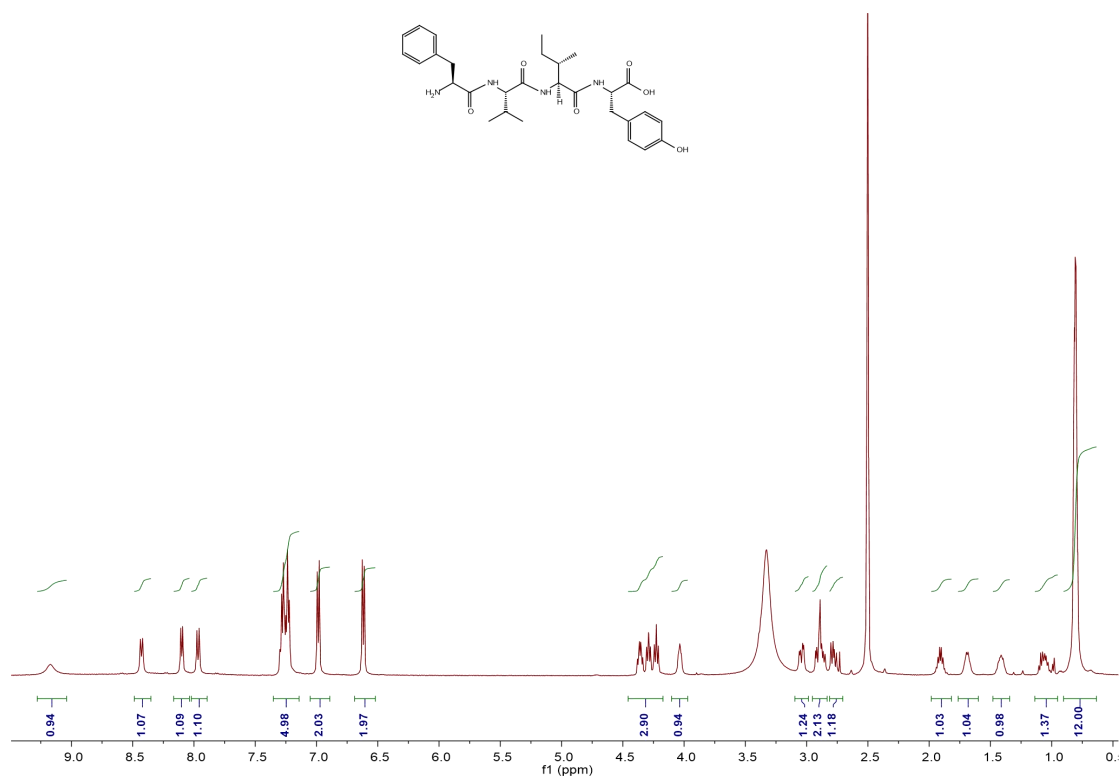
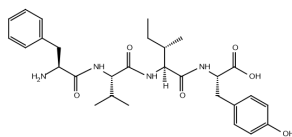
78. Compound **IVIY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.56 (s, 1H), 9.17 (s, 1H), 8.32 (d,  $J = 8.7$  Hz, 1H), 8.09 – 7.96 (m, 4H), 6.99 (d,  $J = 8.3$  Hz, 2H), 6.61 (d,  $J = 8.3$  Hz, 2H), 4.35 (dt,  $J = 13.5, 6.8$  Hz, 1H), 4.21 (dq,  $J = 13.3, 8.5$  Hz, 2H), 3.74 (s, 1H), 2.93 – 2.88 (m, 1H), 2.81 – 2.72 (m, 1H), 1.93 – 1.82 (m, 1H), 1.76 (d,  $J = 6.1$  Hz, 1H), 1.68 (d,  $J = 5.9$  Hz, 1H), 1.51 – 1.41 (m, 1H), 1.37 (dd,  $J = 11.6, 6.1$  Hz, 1H), 1.07 (dd,  $J = 17.7, 5.8$  Hz, 2H), 0.88 – 0.75 (m, 18H).



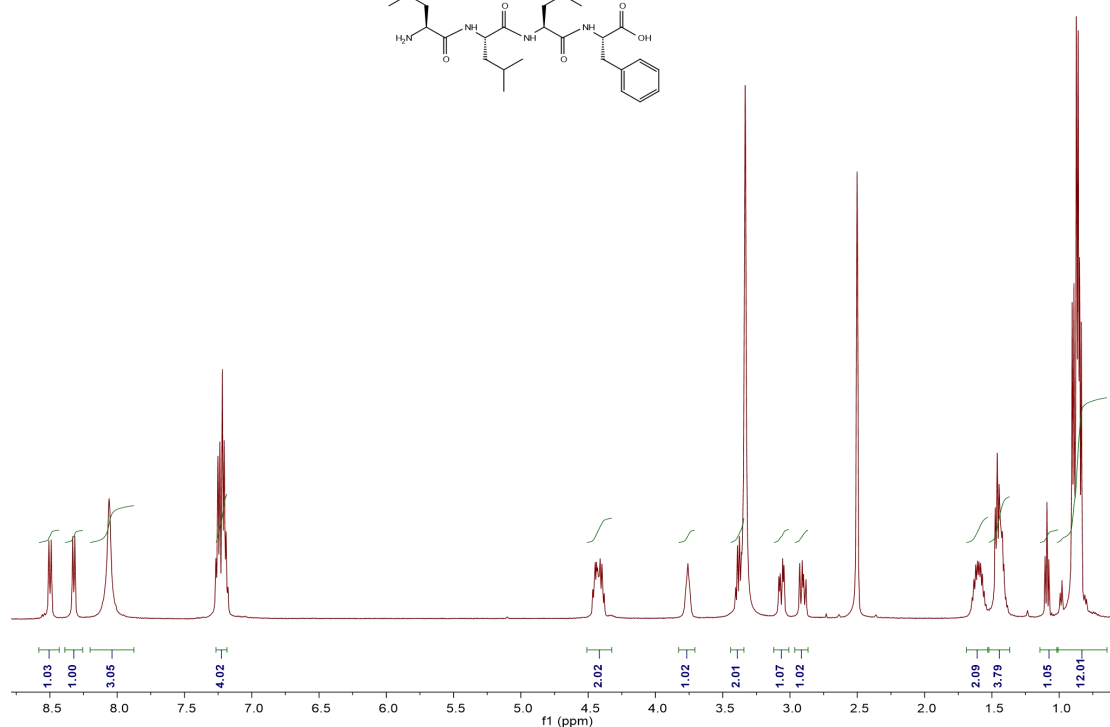
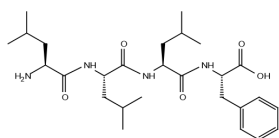
79. Compound **NTIF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.47 (t,  $J = 11.3$  Hz, 1H), 8.23 (t,  $J = 10.5$  Hz, 1H), 8.07 (d,  $J = 3.8$  Hz, 3H), 7.75 – 7.62 (m, 2H), 7.22 (dd,  $J = 15.9$ , 9.2 Hz, 5H), 5.06 (s, 1H), 4.42 (dd,  $J = 13.6$ , 8.5 Hz, 1H), 4.32 (dt,  $J = 15.4$ , 7.7 Hz, 1H), 4.26 – 4.18 (m, 2H), 3.93 (dd,  $J = 11.3$ , 6.0 Hz, 1H), 3.05 (dd,  $J = 14.0$ , 5.3 Hz, 1H), 2.94 – 2.82 (m, 2H), 2.75 – 2.66 (m, 1H), 2.56 – 2.52 (m, 1H), 1.00 (dd,  $J = 11.4$ , 6.6 Hz, 4H), 0.82 – 0.71 (m, 7H).



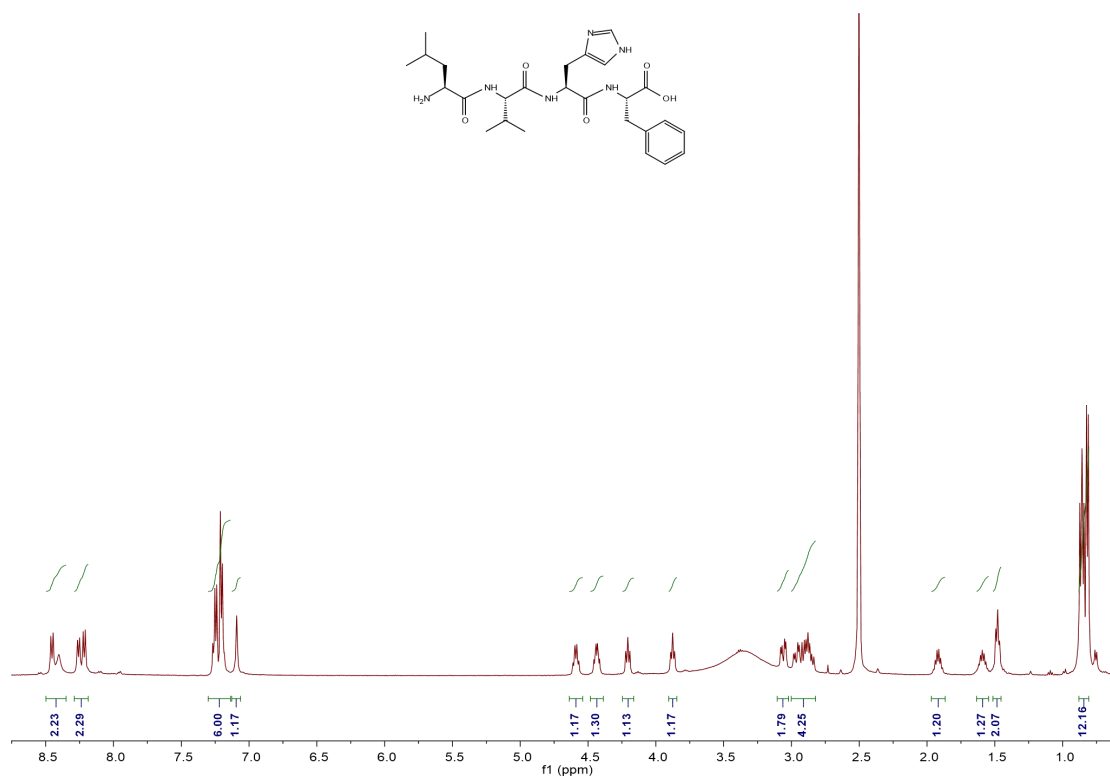
80. Compound **FVIY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.17 (s, 1H), 8.43 (d,  $J = 8.8$  Hz, 1H), 8.10 (d,  $J = 7.7$  Hz, 1H), 7.97 (d,  $J = 9.0$  Hz, 1H), 7.26 (dt,  $J = 24.1, 6.9$  Hz, 5H), 6.99 (d,  $J = 8.1$  Hz, 2H), 6.62 (d,  $J = 8.1$  Hz, 2H), 4.46 – 4.17 (m, 3H), 4.04 (s, 1H), 3.04 (dd,  $J = 13.9, 4.5$  Hz, 1H), 2.89 (ddd,  $J = 20.4, 14.3, 6.3$  Hz, 2H), 2.81 – 2.70 (m, 1H), 1.90 (tt,  $J = 16.6, 8.4$  Hz, 1H), 1.69 (d,  $J = 6.5$  Hz, 1H), 1.41 (d,  $J = 7.5$  Hz, 1H), 1.14 – 0.95 (m, 1H), 0.80 (dd,  $J = 8.5, 5.1$  Hz, 12H).



81. Compound **LLL**F:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.52 (t,  $J = 16.6$  Hz, 1H), 8.32 (d,  $J = 7.8$  Hz, 1H), 8.06 (s, 3H), 7.33 – 7.12 (m, 5H), 4.42 (ddd,  $J = 20.3, 14.2, 8.5$  Hz, 2H), 3.76 (s, 1H), 3.06 (dd,  $J = 14.0, 4.8$  Hz, 1H), 2.90 (dd,  $J = 14.0, 9.2$  Hz, 1H), 1.60 (dtd,  $J = 19.5, 13.2, 6.6$  Hz, 2H), 1.52 – 1.37 (m, 4H), 1.14 – 1.05 (m, 1H), 0.96 – 0.75 (m, 12H).

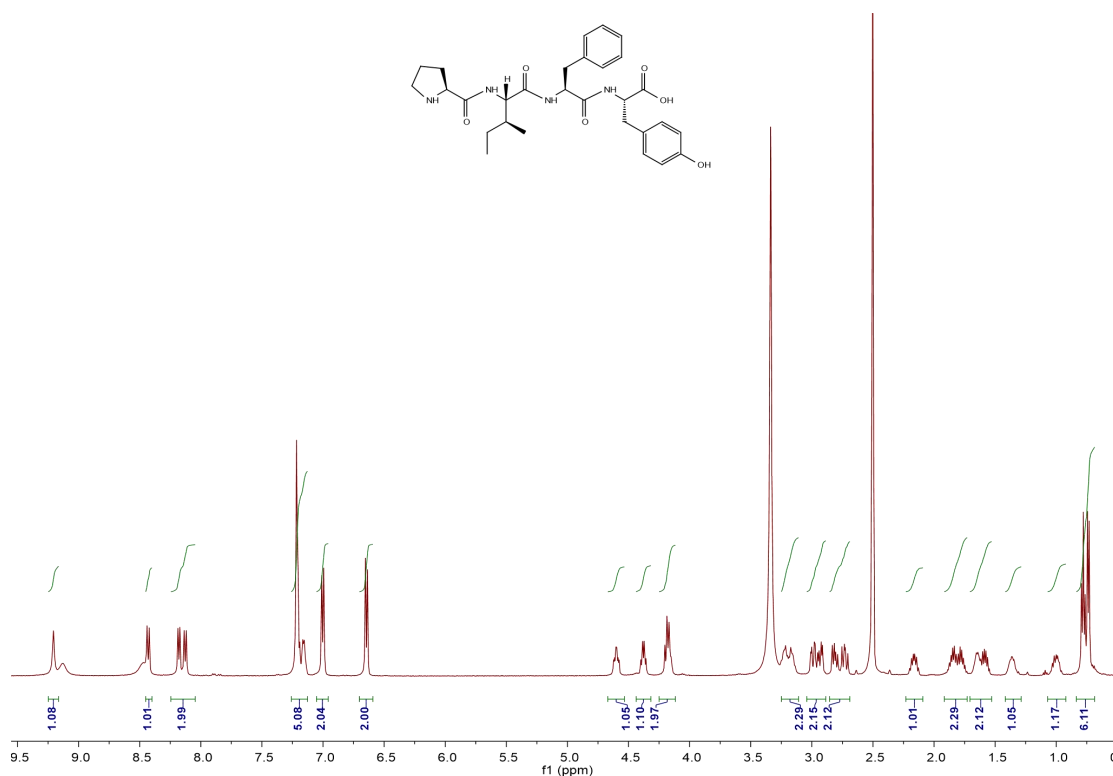


82. Compound **LVHF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.50 – 8.35 (m, 2H), 8.24 (dd,  $J = 20.9, 7.7$  Hz, 2H), 7.22 (dq,  $J = 14.6, 7.5$  Hz, 6H), 7.09 (s, 1H), 4.59 (dd,  $J = 14.0, 7.2$  Hz, 1H), 4.44 (dd,  $J = 13.1, 8.0$  Hz, 1H), 4.21 (t,  $J = 7.6$  Hz, 1H), 3.88 (t,  $J = 7.0$  Hz, 1H), 3.06 (dd,  $J = 14.0, 4.8$  Hz, 2H), 3.00 – 2.82 (m, 4H), 1.92 (dq,  $J = 13.2, 6.5$  Hz, 1H), 1.59 (td,  $J = 12.8, 6.3$  Hz, 1H), 1.48 (t,  $J = 6.9$  Hz, 2H), 0.88 – 0.81 (m, 12H).

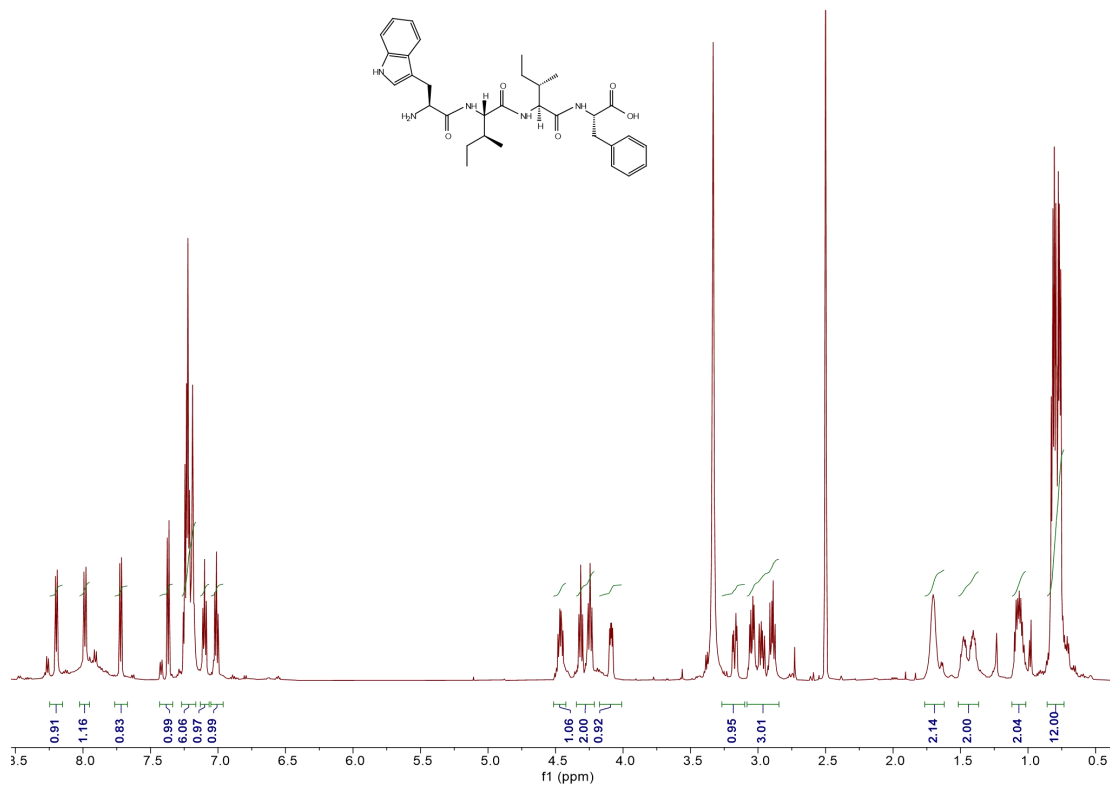


83. Compound **PIFY**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  12.71 (s, 1H), 9.21 (s, 1H), 8.43 (d,  $J = 8.9$  Hz, 1H), 8.15 (dd,  $J = 26.1, 8.1$  Hz, 2H), 7.26 – 7.13 (m, 5H), 7.00 (d,  $J = 8.1$  Hz, 2H), 6.64 (d,  $J = 8.1$  Hz, 2H), 4.60 (td,  $J = 9.5, 4.1$  Hz, 1H), 4.38 (dd,  $J = 13.4, 7.7$  Hz, 1H), 4.25 – 4.12 (m, 2H), 3.19 (dd,  $J = 13.9, 7.4$  Hz, 2H), 2.96 (ddd,  $J = 19.3, 14.0, 4.5$  Hz, 2H), 2.77 (ddd,  $J = 24.1, 13.8, 9.2$  Hz, 2H), 2.16 (td,  $J = 14.8, 7.6$  Hz, 1H), 1.92 – 1.73 (m, 2H), 1.60 (ddd,  $J = 20.3, 16.0, 6.8$  Hz, 2H), 1.35 (dd,  $J = 20.0, 12.3$  Hz, 1H), 1.07 – 0.92 (m, 1H), 0.74 (dq,  $J = 20.8, 7.1$  Hz, 6H).

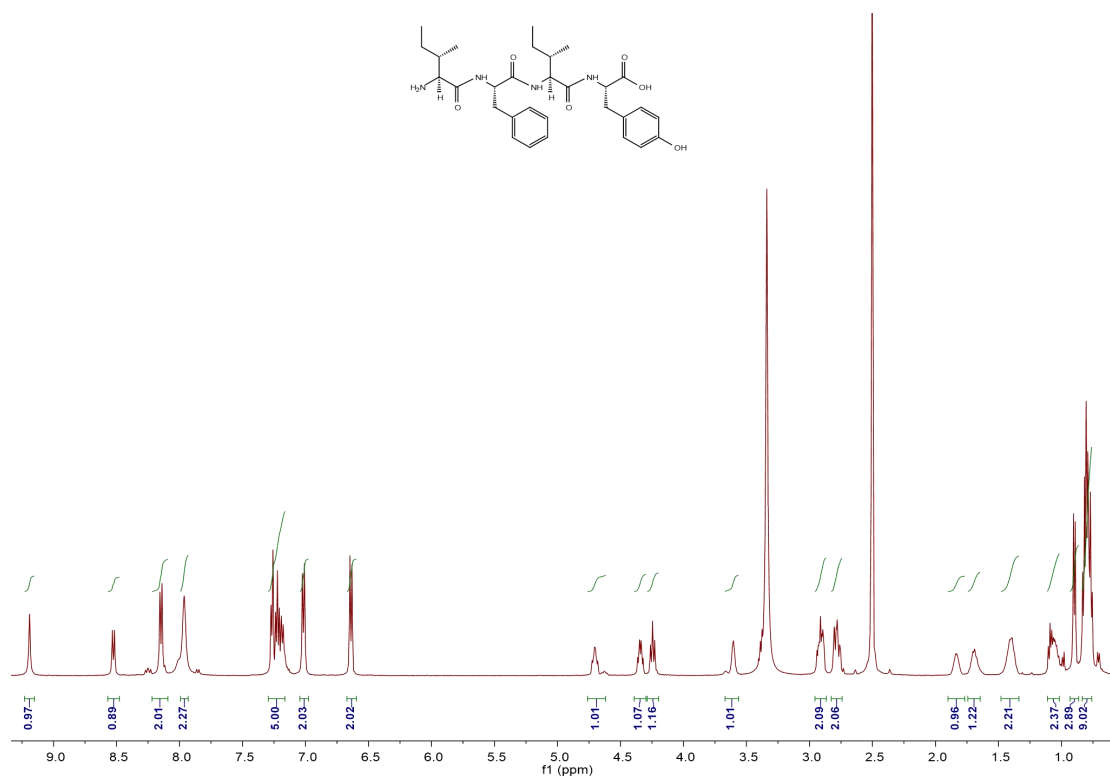




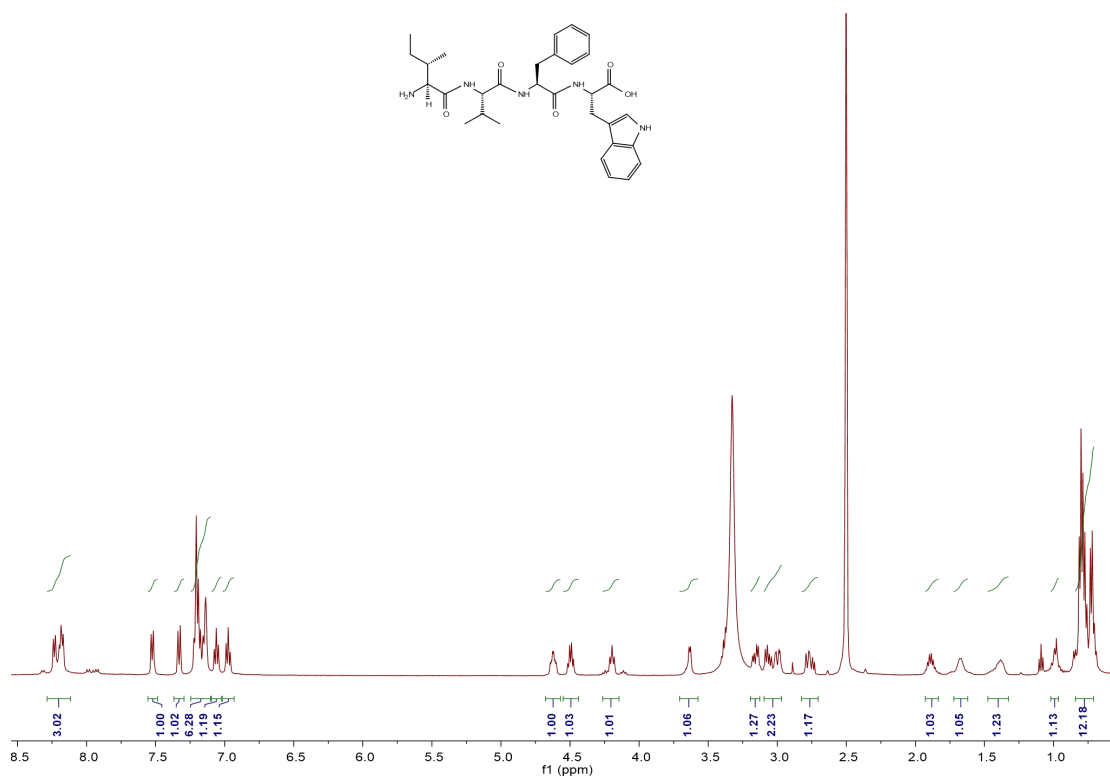
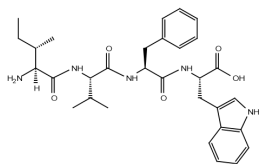
84. Compound **WIIF**: <sup>1</sup>H NMR (600 MHz, DMSO-d<sub>6</sub>) δ 8.20 (d, J = 7.8 Hz, 1H), 7.99 (d, J = 9.1 Hz, 1H), 7.72 (d, J = 7.9 Hz, 1H), 7.37 (d, J = 8.0 Hz, 1H), 7.27 – 7.16 (m, 6H), 7.10 (t, J = 7.5 Hz, 1H), 7.02 (q, J = 7.3, 6.6 Hz, 1H), 4.46 (td, J = 8.5, 5.1 Hz, 1H), 4.35 – 4.21 (m, 2H), 4.09 (dd, J = 8.9, 4.7 Hz, 1H), 3.17 (dd, J = 15.0, 4.7 Hz, 1H), 3.08 – 2.85 (m, 3H), 1.70 (ddq, J = 14.5, 7.4, 3.7 Hz, 2H), 1.52 – 1.37 (m, 2H), 1.12 – 1.02 (m, 2H), 0.86 – 0.73 (m, 12H).



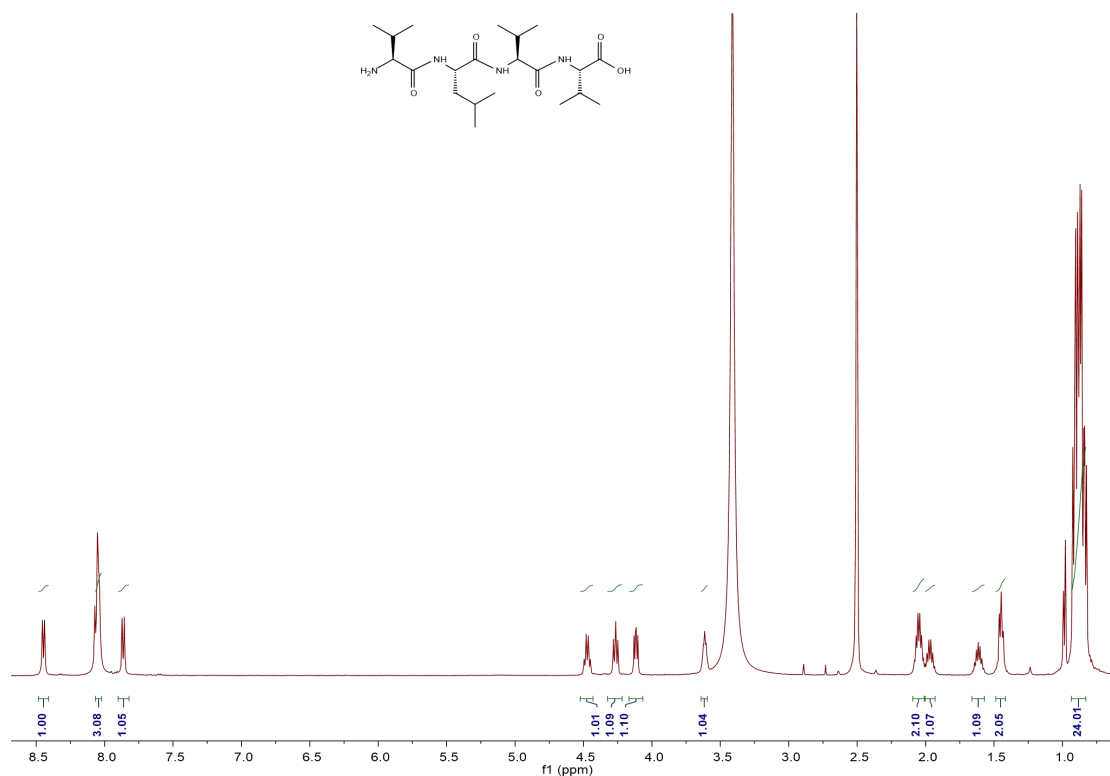
85. Compound **IFIY**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  9.19 (s, 1H), 8.52 (d, J = 8.2 Hz, 1H), 8.14 (t, J = 9.5 Hz, 2H), 7.96 (s, 2H), 7.30 – 7.16 (m, 5H), 7.02 (d, J = 8.1 Hz, 2H), 6.64 (d, J = 8.1 Hz, 2H), 4.69 (dt, J = 29.7, 16.9 Hz, 1H), 4.34 (dd, J = 13.6, 7.9 Hz, 1H), 4.24 (dd, J = 16.4, 8.2 Hz, 1H), 3.60 (s, 1H), 2.96 – 2.87 (m, 2H), 2.83 – 2.74 (m, 2H), 1.84 (d, J = 4.6 Hz, 1H), 1.70 (d, J = 6.6 Hz, 1H), 1.40 (d, J = 7.0 Hz, 2H), 1.11 – 1.02 (m, 2H), 0.89 (t, J = 8.4 Hz, 3H), 0.83 – 0.76 (m, 9H).



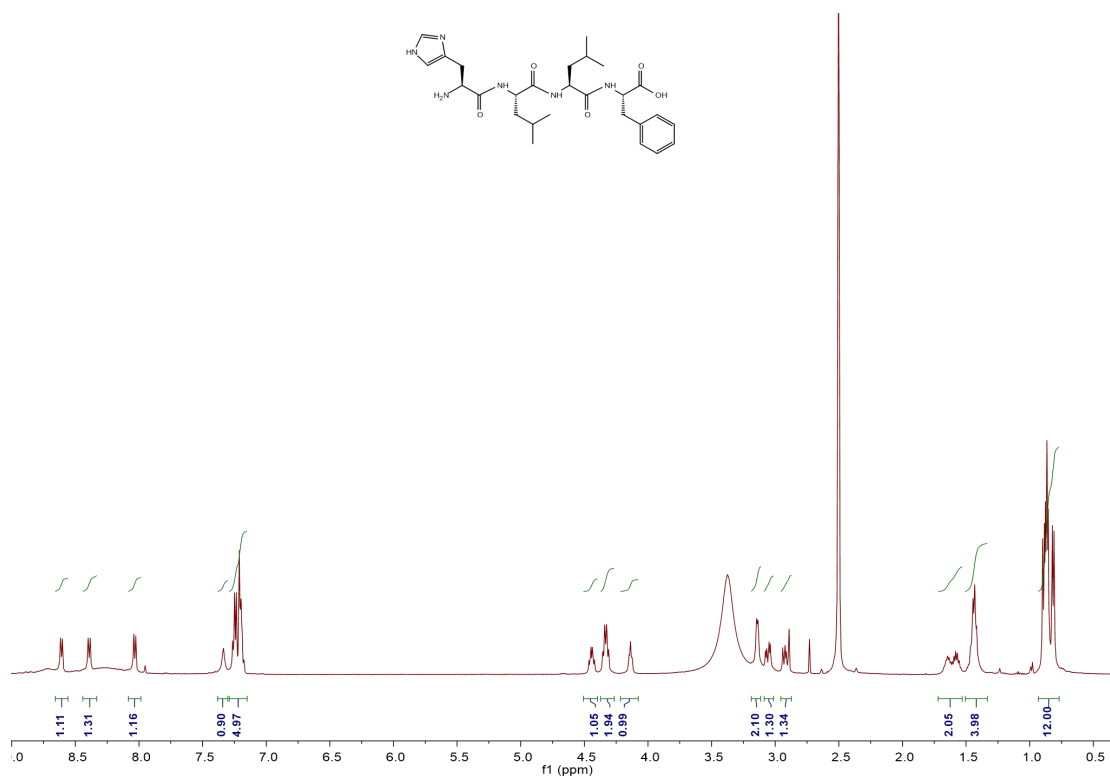
86. Compound **IVFW**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.29 – 8.12 (m, 3H), 7.52 (d,  $J$  = 7.8 Hz, 1H), 7.33 (d,  $J$  = 8.0 Hz, 1H), 7.18 (dt,  $J$  = 18.8, 8.9 Hz, 6H), 7.06 (t,  $J$  = 7.5 Hz, 1H), 6.97 (t,  $J$  = 7.4 Hz, 1H), 4.62 (td,  $J$  = 9.0, 4.1 Hz, 1H), 4.50 (dd,  $J$  = 13.7, 7.0 Hz, 1H), 4.21 (dd,  $J$  = 20.4, 12.4 Hz, 1H), 3.63 (d,  $J$  = 5.3 Hz, 1H), 3.16 (dd,  $J$  = 14.7, 5.9 Hz, 1H), 3.03 (ddd,  $J$  = 18.0, 14.3, 5.6 Hz, 2H), 2.82 – 2.70 (m, 1H), 1.89 (dt,  $J$  = 13.8, 6.9 Hz, 1H), 1.67 (s, 1H), 1.38 (s, 1H), 1.02 – 0.96 (m, 1H), 0.78 (ddd,  $J$  = 26.6, 19.4, 9.9 Hz, 12H).



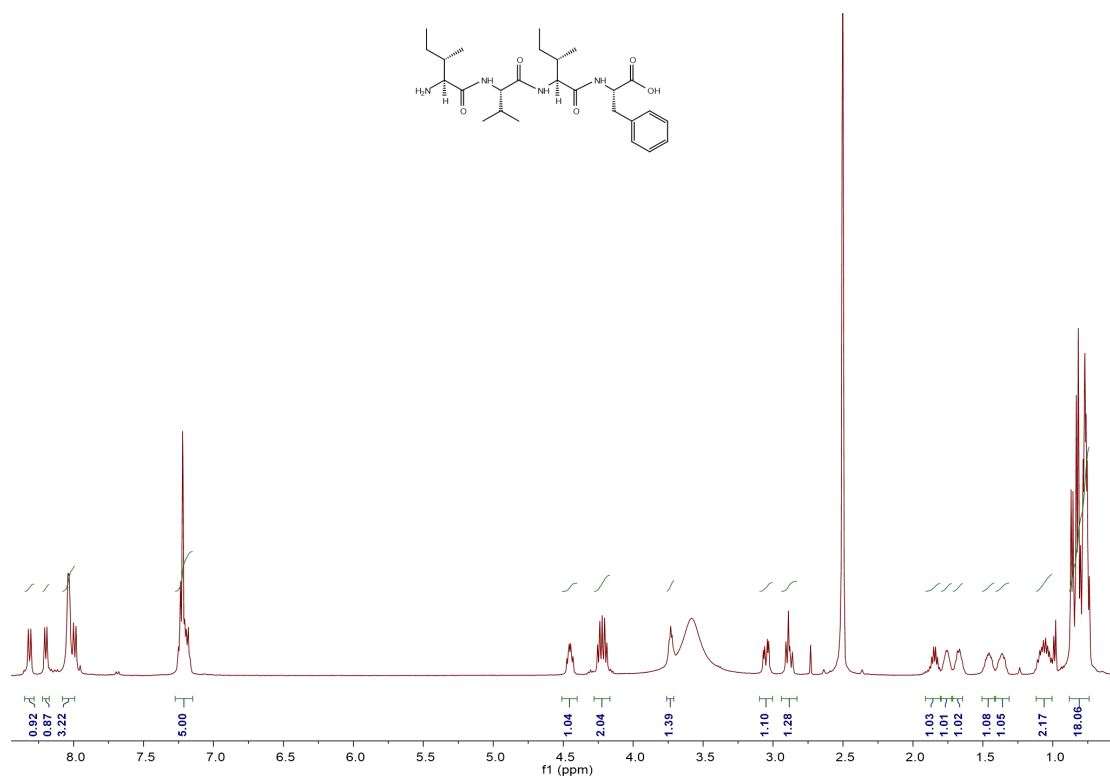
87. Compound VLVV:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.45 (d,  $J = 8.0$  Hz, 1H), 8.05 (s, 3H), 7.86 (d,  $J = 8.2$  Hz, 1H), 4.47 (dd,  $J = 15.1, 7.7$  Hz, 1H), 4.27 (t,  $J = 8.1$  Hz, 1H), 4.12 (dd,  $J = 8.0, 5.9$  Hz, 1H), 3.64 – 3.59 (m, 1H), 2.05 (dq,  $J = 13.2, 6.6$  Hz, 2H), 1.96 (dt,  $J = 13.7, 6.8$  Hz, 1H), 1.61 (td,  $J = 13.2, 6.6$  Hz, 1H), 1.45 (t,  $J = 7.1$  Hz, 2H), 0.88 (tdd,  $J = 15.0, 9.0, 5.8$  Hz, 24H).



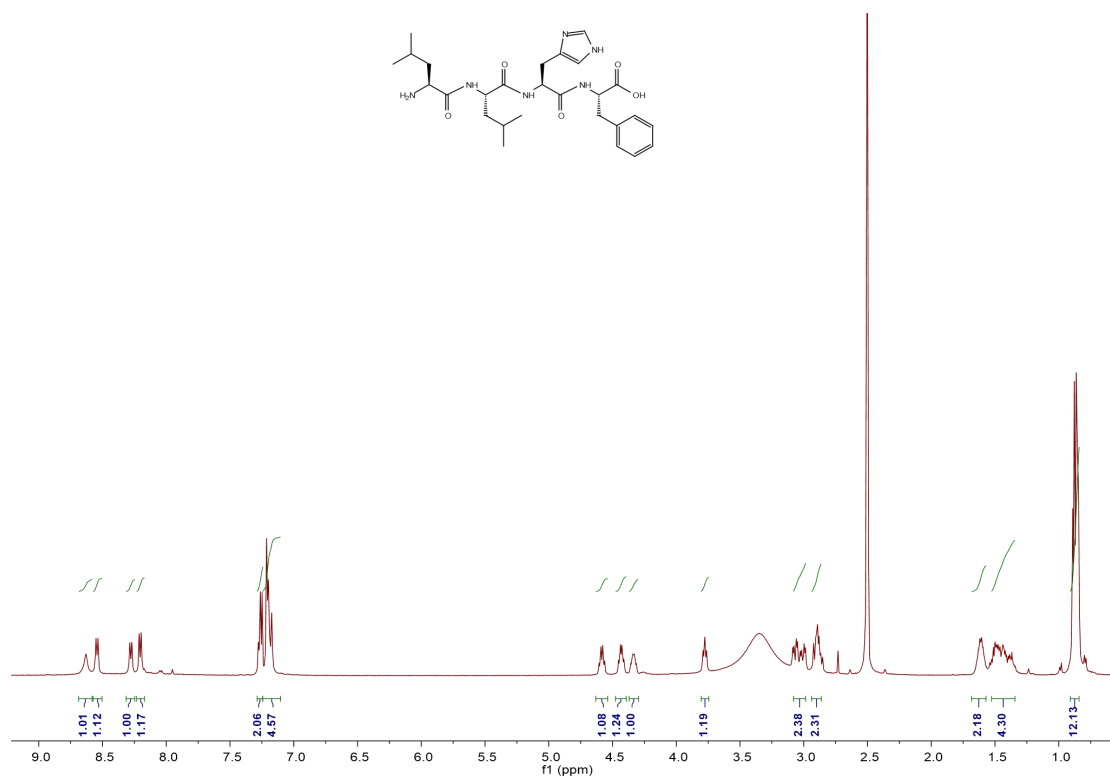
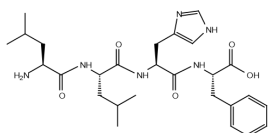
88. Compound **HLLF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.61 (d,  $J = 7.3$  Hz, 1H), 8.39 (d,  $J = 8.3$  Hz, 1H), 8.03 (d,  $J = 7.8$  Hz, 1H), 7.34 (s, 1H), 7.29 – 7.15 (m, 5H), 4.44 (dd,  $J = 13.3, 8.0$  Hz, 1H), 4.33 (dd,  $J = 15.0, 7.4$  Hz, 2H), 4.14 (t,  $J = 5.8$  Hz, 1H), 3.14 (d,  $J = 5.2$  Hz, 2H), 3.06 (dd,  $J = 13.9, 5.0$  Hz, 1H), 2.92 (dd,  $J = 15.0, 9.9$  Hz, 1H), 1.60 (ddd,  $J = 19.9, 13.0, 6.4$  Hz, 2H), 1.44 (dd,  $J = 14.8, 8.0$  Hz, 4H), 0.93 – 0.77 (m, 12H).



89. Compound **IVIF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.31 (d,  $J = 8.6$  Hz, 1H), 8.20 (d,  $J = 7.8$  Hz, 1H), 8.08 – 7.99 (m, 3H), 7.27 – 7.15 (m, 5H), 4.45 (dd,  $J = 13.4, 8.4$  Hz, 1H), 4.28 – 4.17 (m, 2H), 3.76 – 3.71 (m, 1H), 3.05 (dd,  $J = 14.2, 4.8$  Hz, 1H), 2.89 (dd,  $J = 14.2, 9.3$  Hz, 1H), 1.91 – 1.80 (m, 1H), 1.76 (d,  $J = 5.6$  Hz, 1H), 1.67 (d,  $J = 6.4$  Hz, 1H), 1.46 (dd,  $J = 13.5, 7.3$  Hz, 1H), 1.36 (d,  $J = 7.5$  Hz, 1H), 1.06 (ddd,  $J = 21.3, 15.1, 8.3$  Hz, 2H), 0.88 – 0.74 (m, 18H).

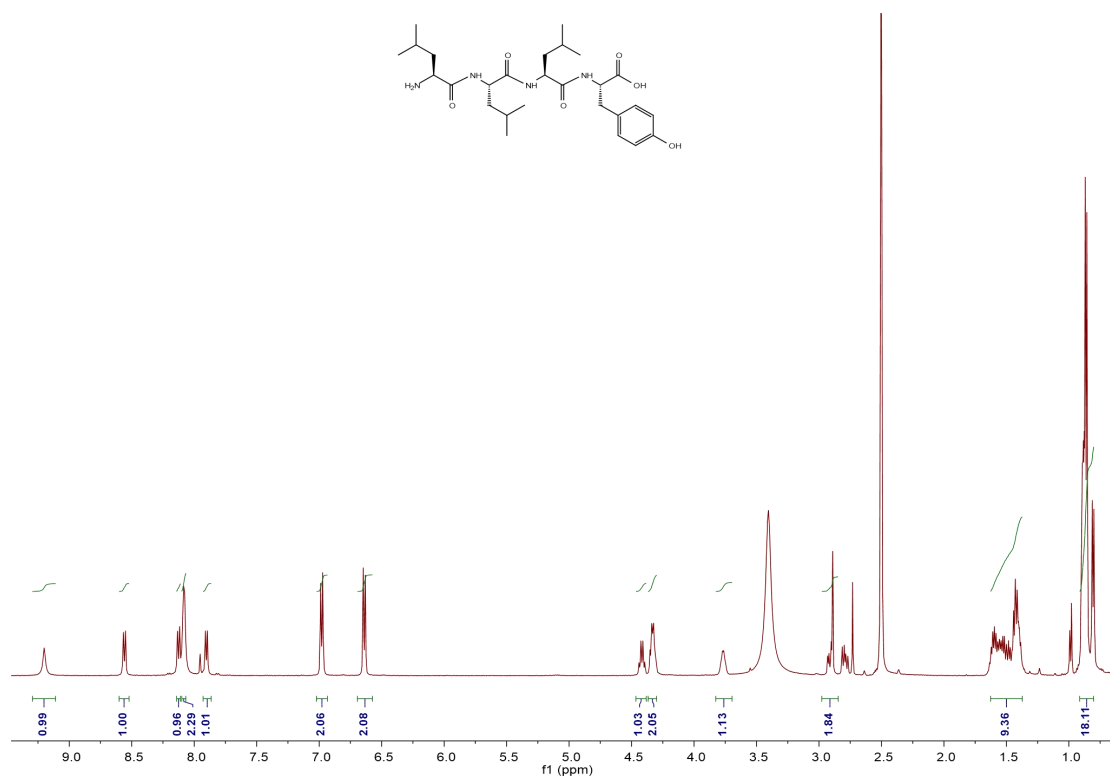
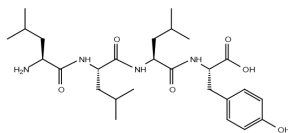


90. Compound **LLHF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.63 (s, 1H), 8.54 (d,  $J = 7.7$  Hz, 1H), 8.28 (d,  $J = 8.0$  Hz, 1H), 8.19 (t,  $J = 10.1$  Hz, 1H), 7.29 – 7.24 (m, 2H), 7.24 – 7.10 (m, 5H), 4.58 (dd,  $J = 14.2, 7.4$  Hz, 1H), 4.43 (dd,  $J = 12.9, 8.0$  Hz, 1H), 4.34 (dd,  $J = 13.4, 8.8$  Hz, 1H), 3.78 (t,  $J = 7.0$  Hz, 1H), 3.08 – 2.99 (m, 2H), 2.94 – 2.86 (m, 2H), 1.68 – 1.57 (m, 2H), 1.53 – 1.34 (m, 4H), 0.87 (dd,  $J = 13.9, 6.6$  Hz, 12H).

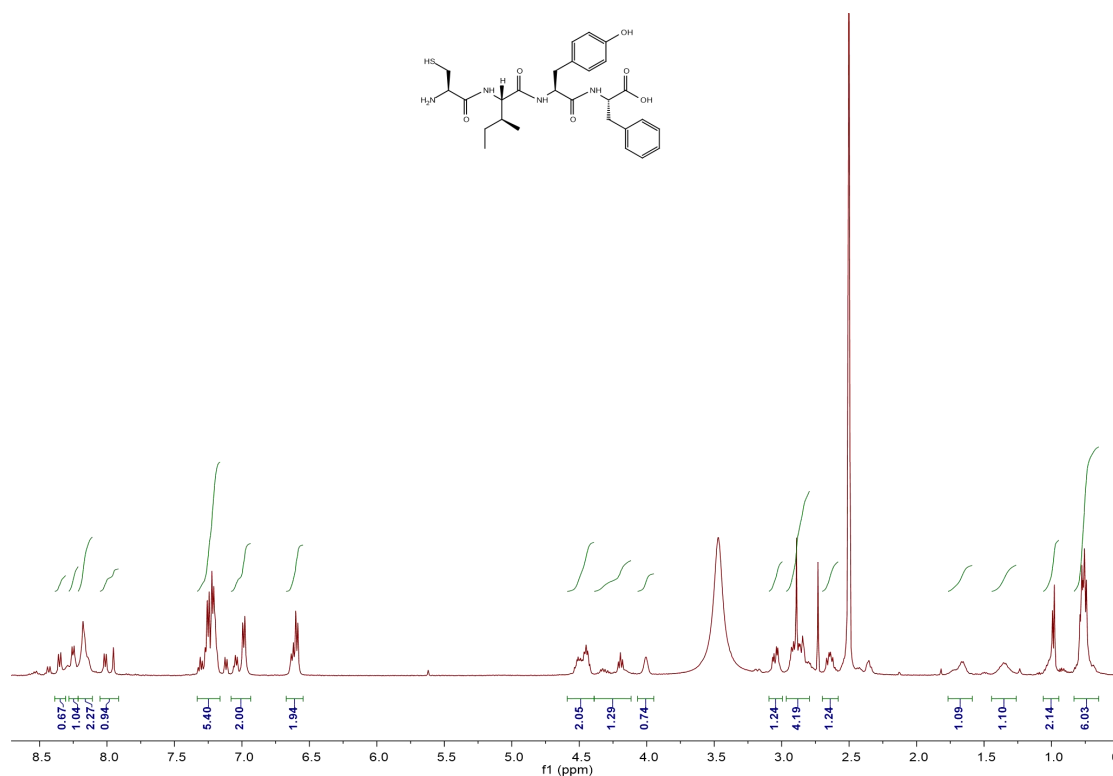
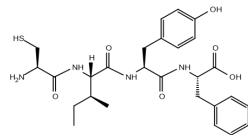


91. Compound **LLY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.66 (s, 1H), 9.20 (s, 1H), 8.56 (d,  $J = 8.4$  Hz, 1H), 8.13 (d,  $J = 8.5$  Hz, 1H), 8.08 (s, 2H), 7.90 (d,  $J = 7.6$  Hz, 1H), 6.98 (d,  $J = 8.0$  Hz, 2H), 6.64 (d,  $J = 8.0$  Hz, 2H), 4.42 (q,  $J = 7.5$  Hz, 1H), 4.37 – 4.30 (m, 2H), 3.77 (d,  $J = 5.0$  Hz, 1H), 2.98 – 2.85 (m, 2H), 1.63 – 1.37 (m, 9H), 0.86 (ddd,  $J = 33.9, 16.8, 4.5$  Hz, 18H).

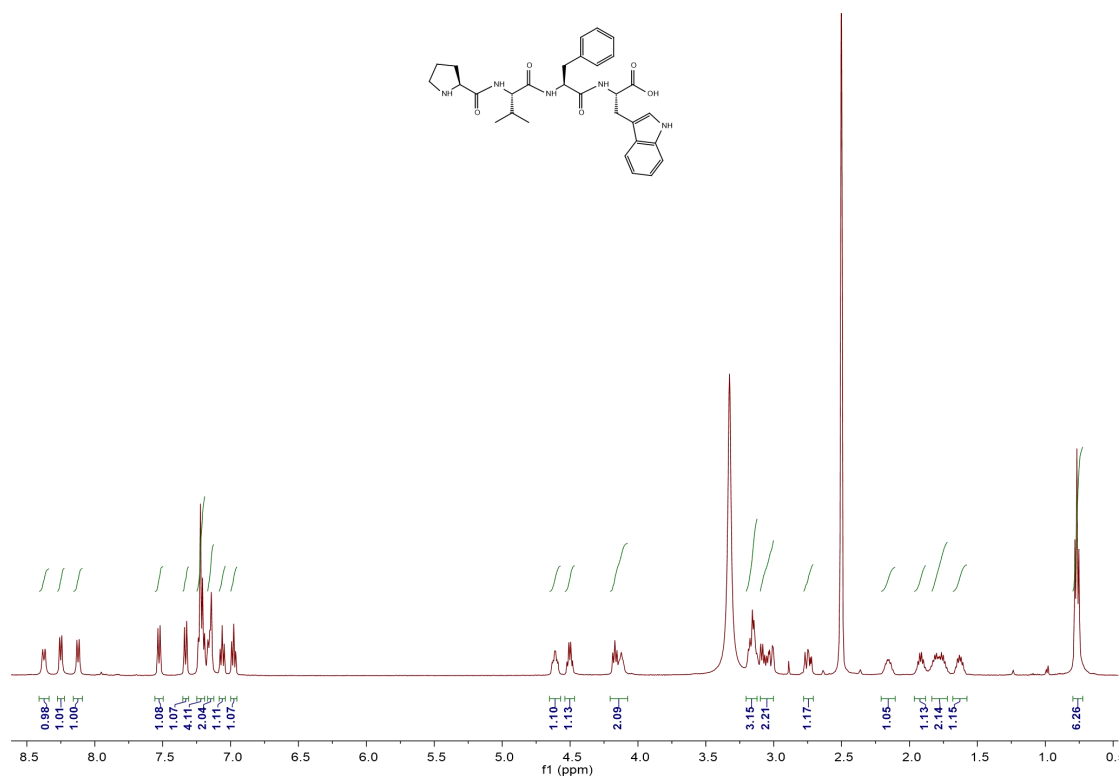




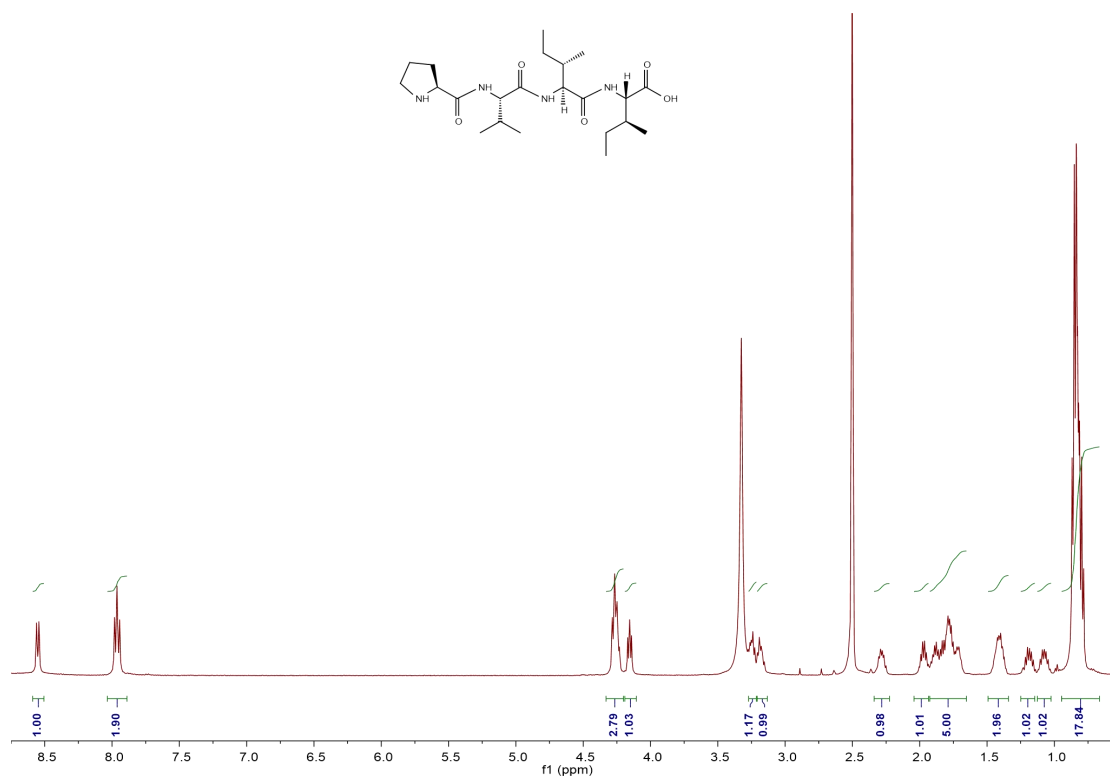
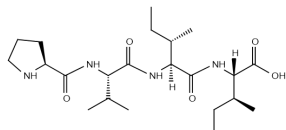
92. Compound **CIYF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.34 (t,  $J = 13.2$  Hz, 1H), 8.24 (t,  $J = 11.3$  Hz, 1H), 8.18 (s, 2H), 8.05 – 7.91 (m, 1H), 7.27 (ddd,  $J = 24.0, 15.9, 7.1$  Hz, 5H), 7.08 – 6.93 (m, 2H), 6.61 (dd,  $J = 16.7, 8.0$  Hz, 2H), 4.59 – 4.39 (m, 2H), 4.39 – 4.12 (m, 1H), 4.00 (s, 1H), 3.05 (dd,  $J = 13.9, 5.3$  Hz, 1H), 2.97 – 2.79 (m, 4H), 2.70 – 2.58 (m, 1H), 1.66 (d,  $J = 6.2$  Hz, 1H), 1.35 (d,  $J = 8.2$  Hz, 1H), 1.02 (dd,  $J = 29.5, 7.4$  Hz, 2H), 0.83 – 0.65 (m, 6H).



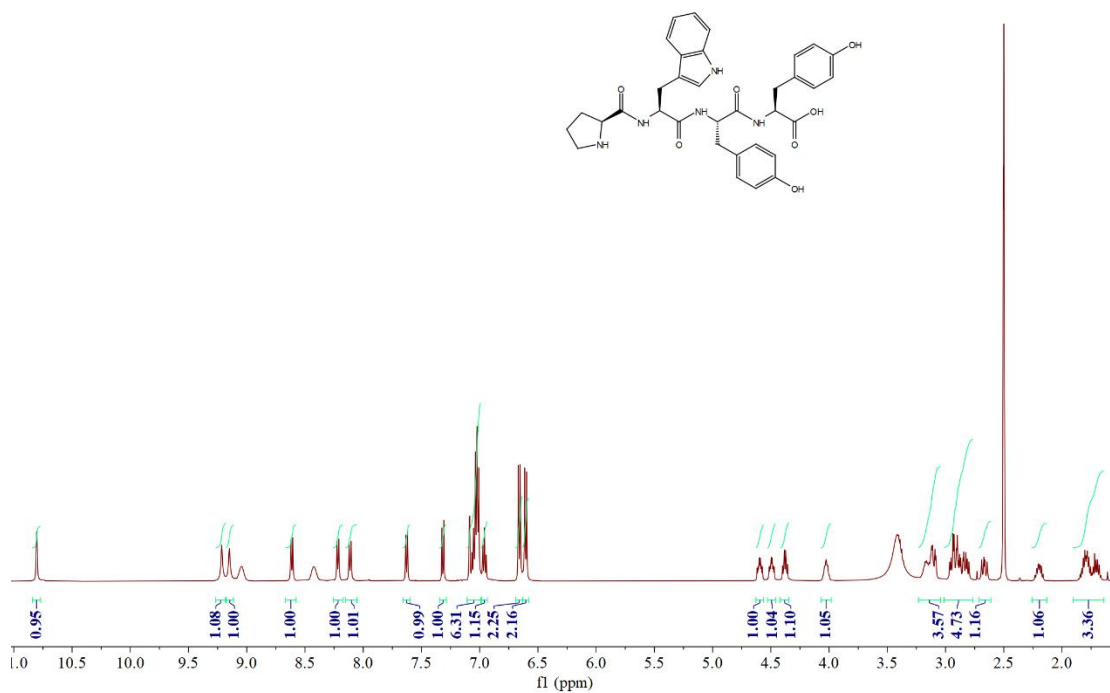
93. Compound **PVFW**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.37 (d,  $J = 8.6$  Hz, 1H), 8.25 (d,  $J = 7.5$  Hz, 1H), 8.12 (d,  $J = 8.4$  Hz, 1H), 7.53 (d,  $J = 7.8$  Hz, 1H), 7.33 (d,  $J = 8.1$  Hz, 1H), 7.21 (q,  $J = 7.6$  Hz, 4H), 7.17 – 7.12 (m, 2H), 7.06 (t,  $J = 7.5$  Hz, 1H), 6.98 (t,  $J = 7.4$  Hz, 1H), 4.61 (td,  $J = 9.4, 4.2$  Hz, 1H), 4.50 (dd,  $J = 13.5, 6.8$  Hz, 1H), 4.16 (dd,  $J = 19.7, 11.9$  Hz, 2H), 3.16 (dt,  $J = 16.8, 8.4$  Hz, 3H), 3.05 (ddd,  $J = 17.7, 14.4, 5.6$  Hz, 2H), 2.78 – 2.71 (m, 1H), 2.16 (dd,  $J = 12.7, 6.9$  Hz, 1H), 1.91 (dt,  $J = 13.6, 6.8$  Hz, 1H), 1.84 – 1.72 (m, 2H), 1.68 – 1.58 (m, 1H), 0.77 (t,  $J = 7.2$  Hz, 6H).



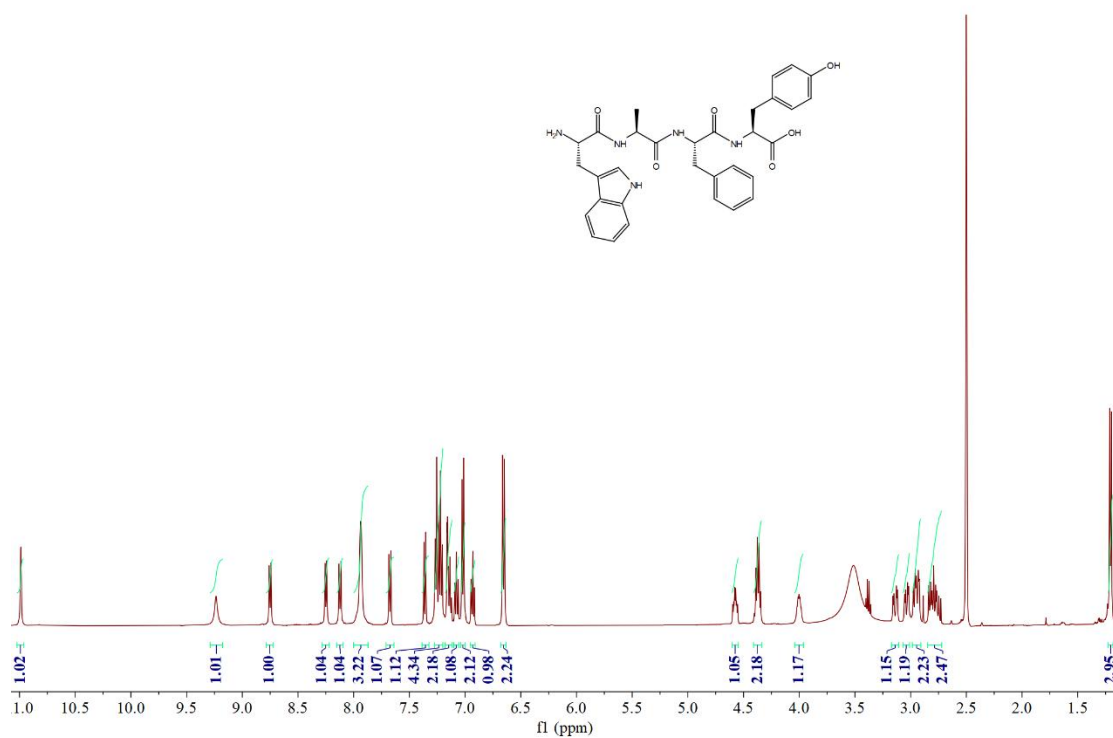
94. Compound **PVII**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 8.55 (d, J = 8.6 Hz, 1H), 7.96 (t, J = 9.5 Hz, 2H), 4.33 – 4.20 (m, 3H), 4.19 – 4.11 (m, 1H), 3.24 (dd, J = 11.9, 5.9 Hz, 1H), 3.18 (dd, J = 16.2, 9.3 Hz, 1H), 2.34 – 2.22 (m, 1H), 1.97 (td, J = 13.6, 6.9 Hz, 1H), 1.93 – 1.65 (m, 5H), 1.49 – 1.34 (m, 2H), 1.19 (dt, J = 14.1, 7.7 Hz, 1H), 1.13 – 1.02 (m, 1H), 0.82 (ddd, J = 18.7, 15.4, 7.9 Hz, 18H).



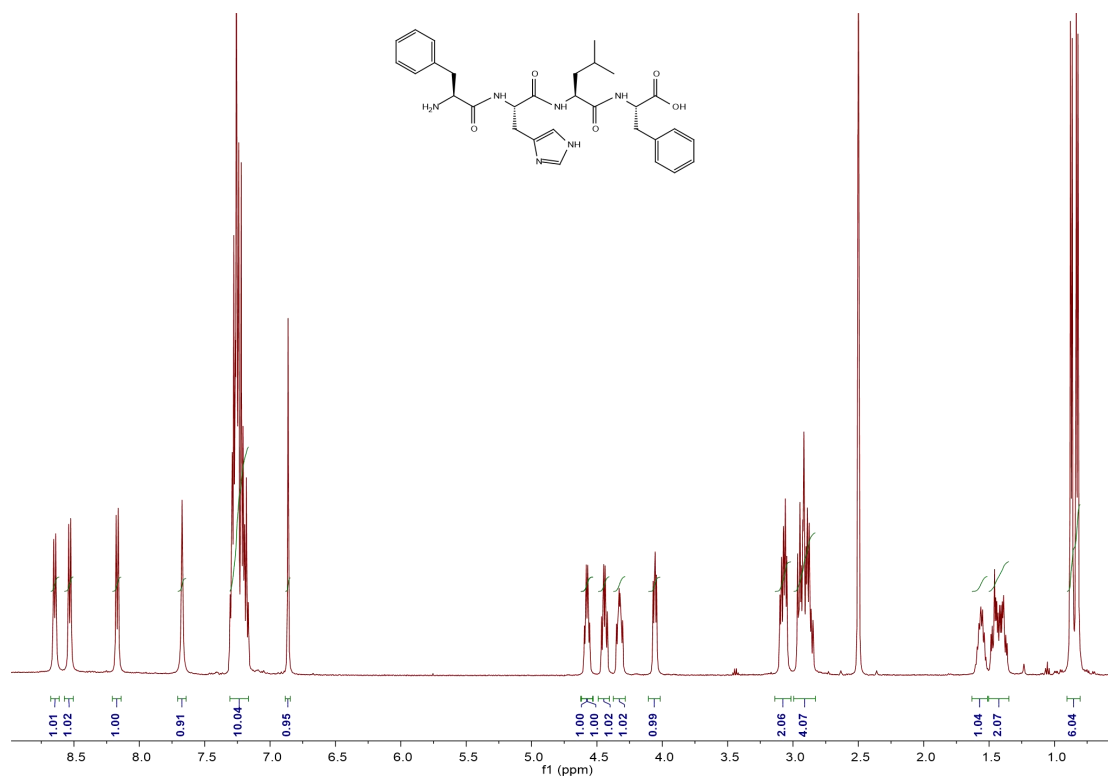
95. Compound **PWYY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.80 (d,  $J = 2.4$  Hz, 1H), 9.21 (s, 1H), 9.15 (s, 1H), 8.61 (d,  $J = 8.3$  Hz, 1H), 8.22 (d,  $J = 7.7$  Hz, 1H), 8.11 (d,  $J = 8.2$  Hz, 1H), 7.63 (d,  $J = 7.9$  Hz, 1H), 7.32 (D,  $J = 8.1$  Hz, 1H), 7.05 (m, 6H), 6.96 (ddd,  $J = 7.4, 6.9, 1.0$  Hz, 1H), 6.66 (d,  $J = 8.4$  Hz, 2H), 6.61 (d,  $J = 8.4$  Hz, 2H), 4.60 (td,  $J = 8.9, 4.5$  Hz, 1H), 4.49 (td,  $J = 8.8, 4.2$  Hz, 1H), 4.38 (td,  $J = 7.9, 5.5$  Hz, 1H), 4.02 (d,  $J = 7.1$  Hz, 1H), 3.12 (m, 4H), 2.88 (m, 5H), 2.67 (dt,  $J = 14.1, 9.5$  Hz, 1H), 2.20 (td,  $J = 15.5, 12.6, 7.4$  Hz, 1H), 1.76 (m, 4H).



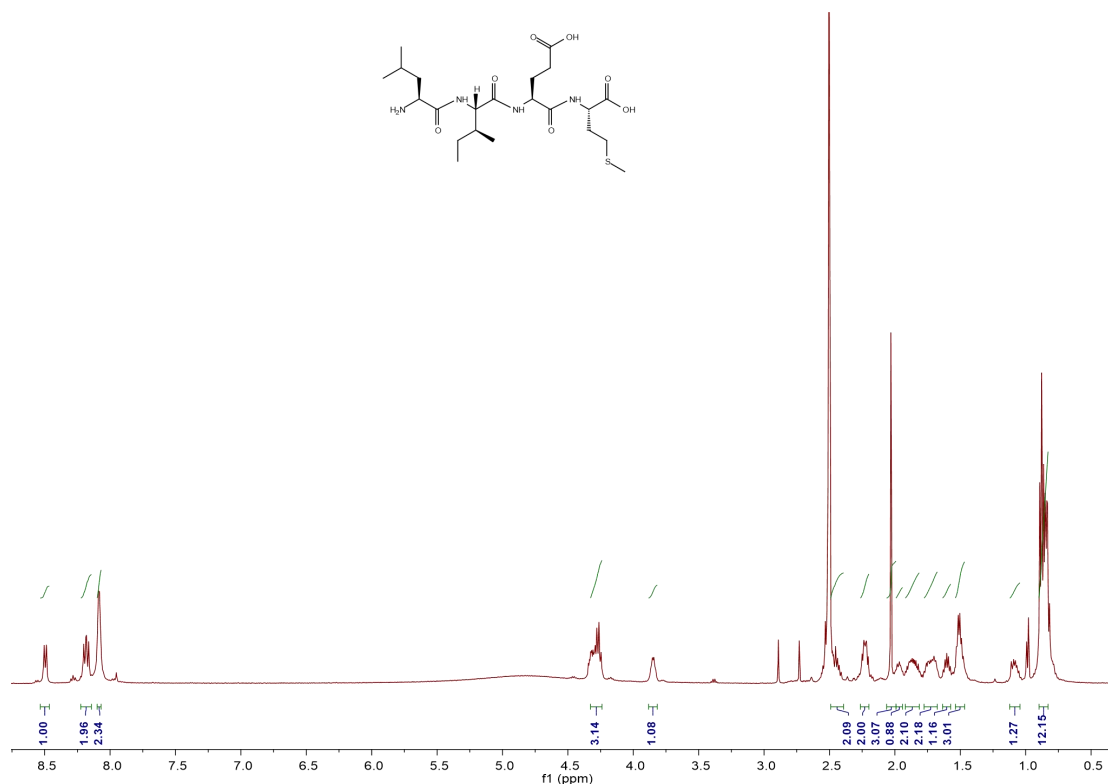
96. Compound **WAFY**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.98 (d, J = 2.4 Hz, 1H), 9.22 (s, 1H), 8.74 (d, J = 7.6 Hz, 1H), 8.23 (d, J = 7.8 Hz, 1H), 8.11 (d, J = 8.3 Hz, 1H), 7.94 (m, 3H), 7.68 (d, J = 7.9 Hz, 1H), 7.36 (D, J = 8.1 Hz, 1H), 7.24 (m, 5H), 7.15 (m, 2H), 7.08 (ddd, J = 8.1, 6.9, 1.1 Hz, 1H), 7.02 (m, 2H), 6.94 (ddd, J = 8.0, 7.0, 1.0 Hz, 1H), 6.66 (m, 2H), 4.58 (td, J = 8.8, 4.5 Hz, 1H), 4.37 (td, J = 8.3, 7.8, 5.2 Hz, 2H), 4.01 (m, 1H), 3.14 (dd, J = 14.9, 4.6 Hz, 1H), 3.04 (dd, J = 14.0, 4.5 Hz, 1H), 2.95 (m, 2H), 2.79 (m, 2H), 1.21 (d, J = 7.0 Hz, 3H).



97. Compound **FHLF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.65 (d,  $J = 7.8$  Hz, 1H), 8.53 (d,  $J = 7.8$  Hz, 1H), 8.17 (d,  $J = 8.2$  Hz, 1H), 7.31 – 7.17 (m, 10H), 6.86 (s, 1H), 4.58 (q,  $J = 7.3$  Hz, 1H), 4.44 (td,  $J = 8.4, 5.4$  Hz, 1H), 4.33 (td,  $J = 9.3, 8.7, 4.8$  Hz, 1H), 4.06 (dd,  $J = 7.7, 5.3$  Hz, 1H), 3.07 (dt,  $J = 12.9, 6.0$  Hz, 2H), 3.00 – 2.83 (m, 4H), 1.56 (dq,  $J = 12.9, 6.6$  Hz, 1H), 1.50 – 1.35 (m, 2H), 0.85 (dd,  $J = 22.2, 6.5$  Hz, 6H).

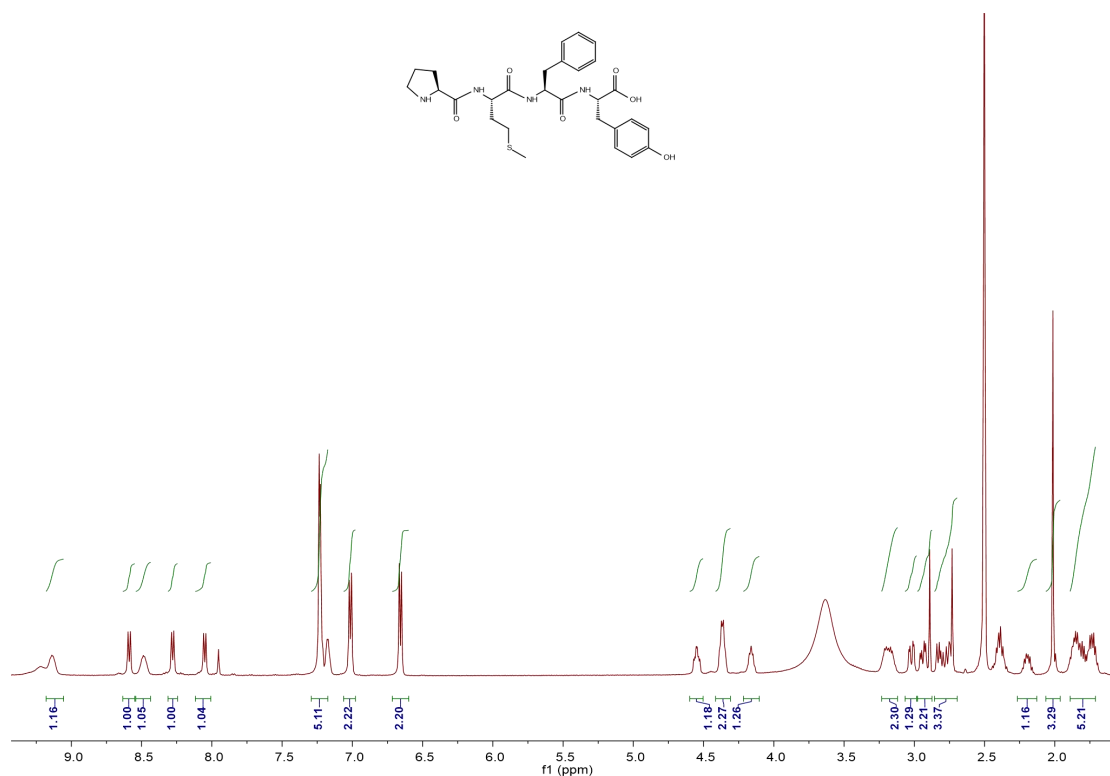


98. Compound **LIEM**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.50 (d, J = 8.6 Hz, 1H), 8.17 (dt, J = 18.9, 9.4 Hz, 2H), 8.08 (d, J = 3.2 Hz, 2H), 4.33 – 4.24 (m, 3H), 3.85 (d, J = 5.4 Hz, 1H), 2.49 – 2.39 (m, 2H), 2.23 (dd, J = 16.5, 6.9 Hz, 2H), 2.06 – 1.99 (m, 3H), 1.97 (d, J = 8.1 Hz, 1H), 1.92 – 1.81 (m, 2H), 1.78 – 1.68 (m, 2H), 1.60 (dt, J = 13.0, 6.6 Hz, 1H), 1.54 – 1.47 (m, 3H), 1.12 – 1.04 (m, 1H), 0.90 – 0.83 (m, 12H).

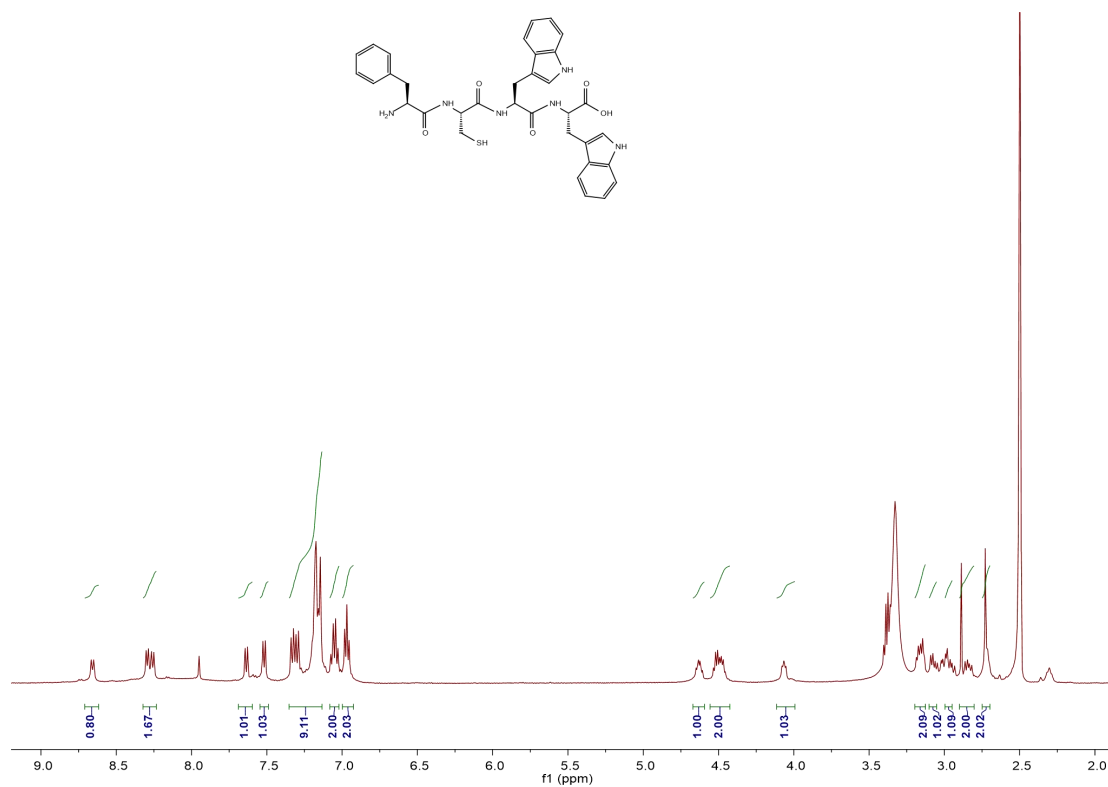


99. Compound **PMFY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.14 (s, 1H), 8.59 (d,  $J = 8.1$  Hz, 1H), 8.49 (s, 1H), 8.28 (d,  $J = 7.6$  Hz, 1H), 8.07 (t,  $J = 13.5$  Hz, 1H), 7.29 – 7.17 (m, 5H), 7.01 (d,  $J = 8.0$  Hz, 2H), 6.66 (d,  $J = 8.0$  Hz, 2H), 4.55 (td,  $J = 9.1$ , 4.1 Hz, 1H), 4.37 (d,  $J = 7.2$  Hz, 2H), 4.22 – 4.10 (m, 1H), 3.23 – 3.12 (m, 2H), 3.02 (dd,  $J = 13.8$ , 3.6 Hz, 1H), 2.98 – 2.87 (m, 2H), 2.86 – 2.69 (m, 3H), 2.27 – 2.13 (m, 1H), 2.00 (d,  $J = 9.0$  Hz, 3H), 1.89 – 1.71 (m, 5H).

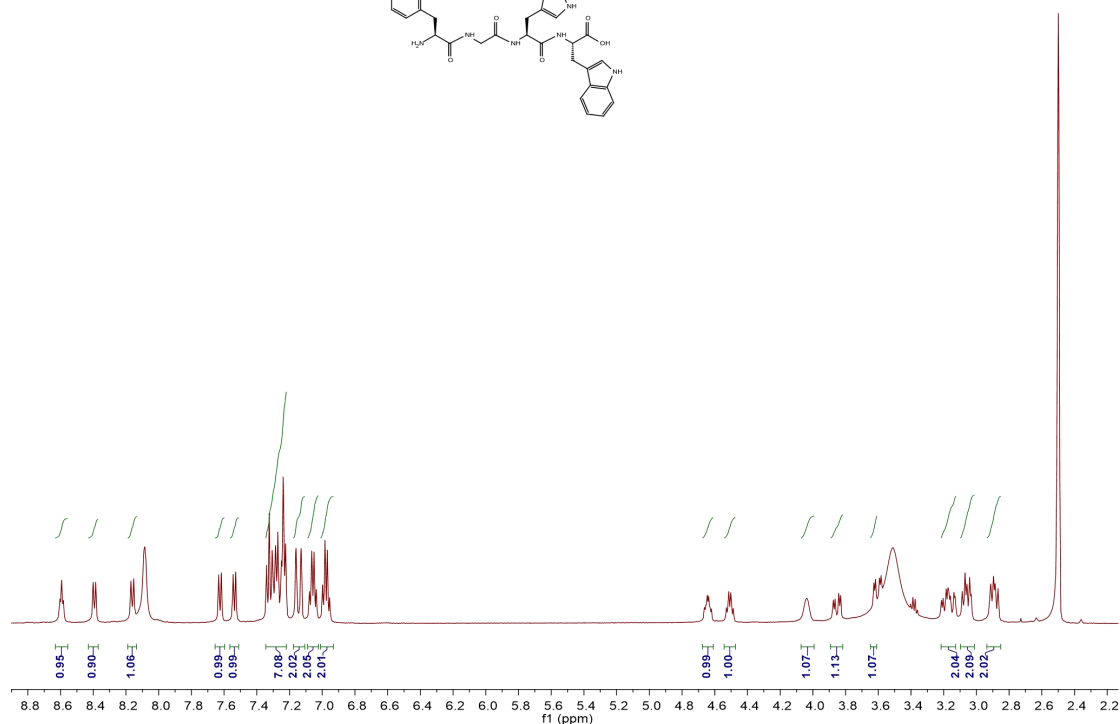
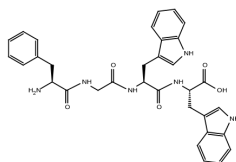




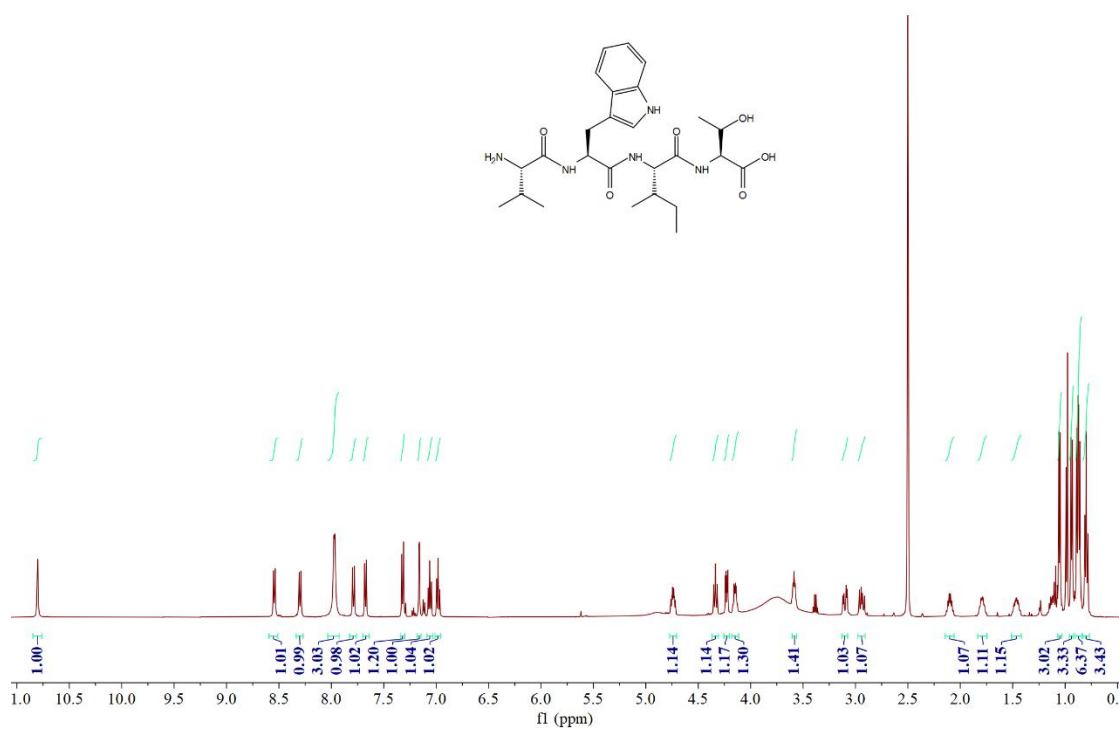
100. Compound **FCWW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.66 (d, J = 8.1 Hz, 1H), 8.28 (dd, J = 17.9, 7.7 Hz, 2H), 7.64 (d, J = 7.9 Hz, 1H), 7.52 (d, J = 7.9 Hz, 1H), 7.35 – 7.13 (m, 9H), 7.05 (q, J = 8.0 Hz, 2H), 6.97 (t, J = 7.5 Hz, 2H), 4.63 (td, J = 8.2, 4.8 Hz, 1H), 4.49 (dq, J = 19.4, 6.9 Hz, 2H), 4.11 – 3.99 (m, 1H), 3.16 (dt, J = 14.9, 5.9 Hz, 2H), 3.10 – 3.05 (m, 1H), 2.97 (dd, J = 15.7, 6.1 Hz, 1H), 2.90 – 2.80 (m, 2H), 2.72 (d, J = 7.9 Hz, 2H).



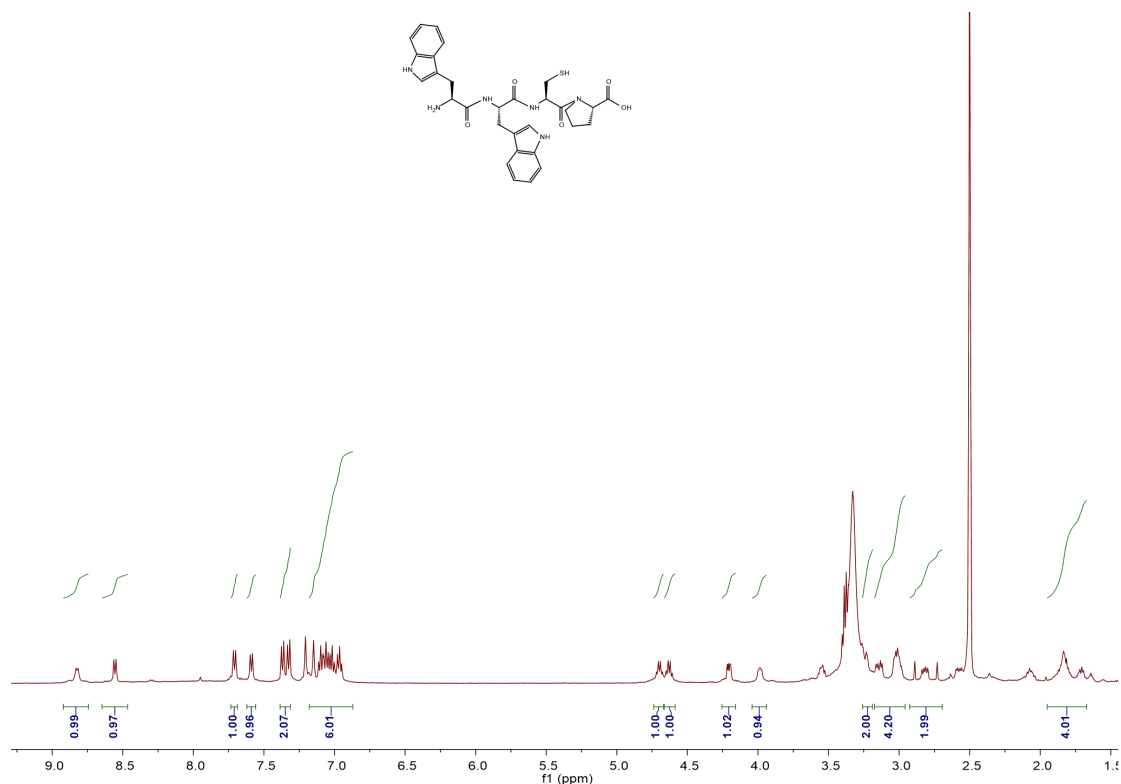
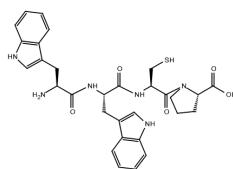
101. Compound **FGWW**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.59 (t, J = 5.5 Hz, 1H), 8.39 (d, J = 7.6 Hz, 1H), 8.16 (d, J = 8.3 Hz, 1H), 7.63 (d, J = 7.9 Hz, 1H), 7.54 (d, J = 7.9 Hz, 1H), 7.35 – 7.22 (m, 7H), 7.15 (dd, J = 15.8, 2.3 Hz, 2H), 7.06 (q, J = 7.0 Hz, 2H), 6.98 (q, J = 7.2 Hz, 2H), 4.64 (td, J = 8.6, 4.4 Hz, 1H), 4.51 (q, J = 7.6 Hz, 1H), 4.04 (s, 1H), 3.85 (dd, J = 16.8, 5.7 Hz, 1H), 3.62 (d, J = 5.2 Hz, 1H), 3.17 (ddd, J = 22.3, 14.7, 4.9 Hz, 2H), 3.06 (dt, J = 13.2, 6.5 Hz, 2H), 2.94 – 2.85 (m, 2H).



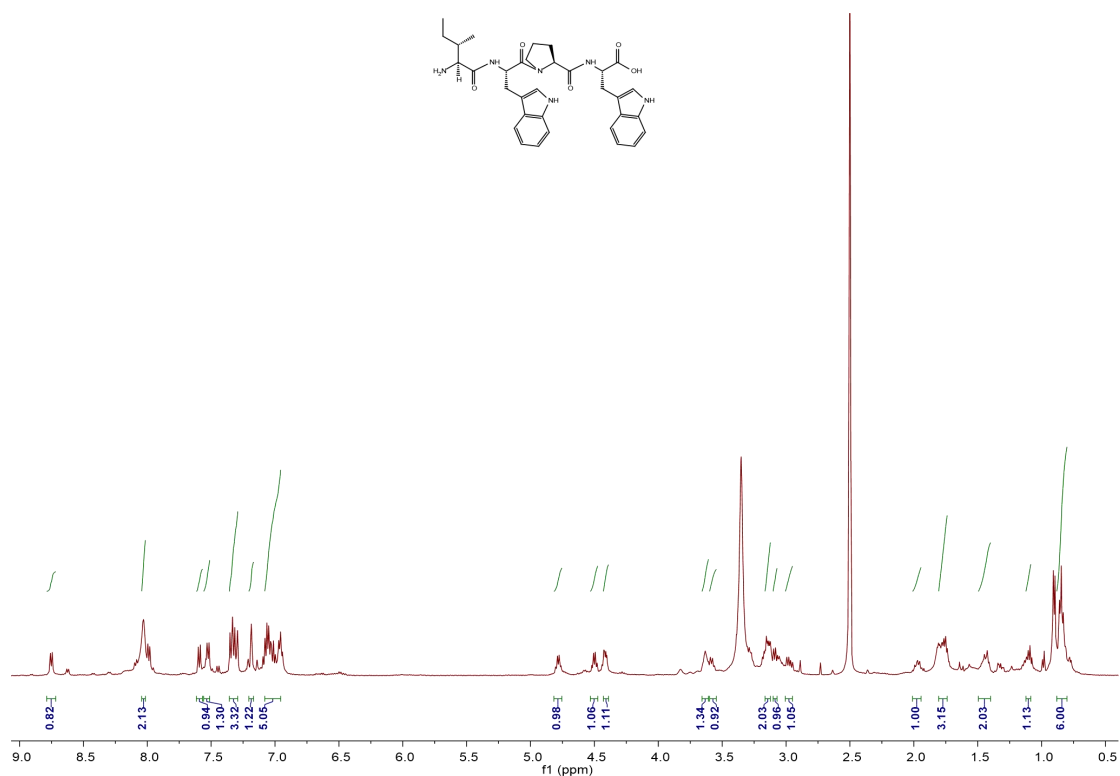
102. Compound **VWIT**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.80 (d,  $J = 2.4$  Hz, 1H), 8.54 (d,  $J = 7.9$  Hz, 1H), 8.30 (d,  $J = 8.9$  Hz, 1H), 7.97 (d,  $J = 5.5$  Hz, 3H), 7.79 (d,  $J = 8.5$  Hz, 1H), 7.67 (d,  $J = 7.9$  Hz, 1H), 7.32 (d,  $J = 8.2$  Hz, 1H), 7.16 (d,  $J = 2.4$  Hz, 1H), 7.06 (m, 1H), 6.98 (m, 1H), 4.74 (m, 1H), 4.34 (t,  $J = 8.4$  Hz, 1H), 4.23 (dd,  $J = 8.5, 3.2$  Hz, 1H), 4.15 (m, 1H), 3.59 (t,  $J = 5.4$  Hz, 1H), 3.10 (dd,  $J = 14.8, 5.0$  Hz, 1H), 2.94 (dd,  $J = 14.9, 9.2$  Hz, 1H), 2.09 (m, 1H), 1.80 (m, 1H), 1.46 (m, 1H), .05 (d,  $J = 6.4$  Hz, 3H), 0.94 (d,  $J = 6.9$  Hz, 3H), 0.87 (dd,  $J = 9.5, 6.8$  Hz, 6H), 0.80 (t,  $J = 7.4$  Hz, 3H).



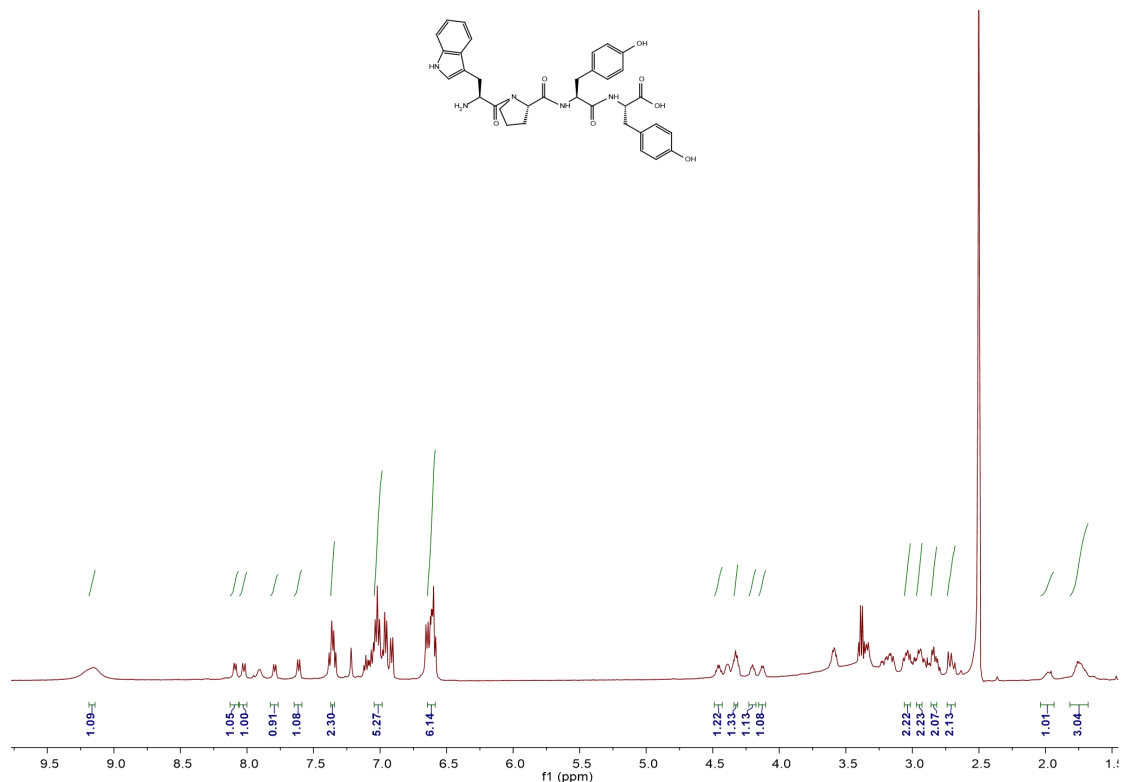
103. Compound **WWCP**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.82 (d, J = 7.5 Hz, 1H), 8.56 (d, J = 8.0 Hz, 1H), 7.71 (d, J = 8.0 Hz, 1H), 7.59 (d, J = 7.9 Hz, 1H), 7.35 (dd, J = 21.6, 8.1 Hz, 2H), 7.18 – 6.87 (m, 6H), 4.70 (q, J = 7.1 Hz, 1H), 4.63 (q, J = 7.2 Hz, 1H), 4.26 – 4.16 (m, 1H), 3.99 (dd, J = 9.2, 4.7 Hz, 1H), 3.26 – 3.19 (m, 2H), 3.17 – 2.96 (m, 4H), 2.82 (dd, J = 13.4, 7.2 Hz, 2H), 1.95 – 1.67 (m, 4H).



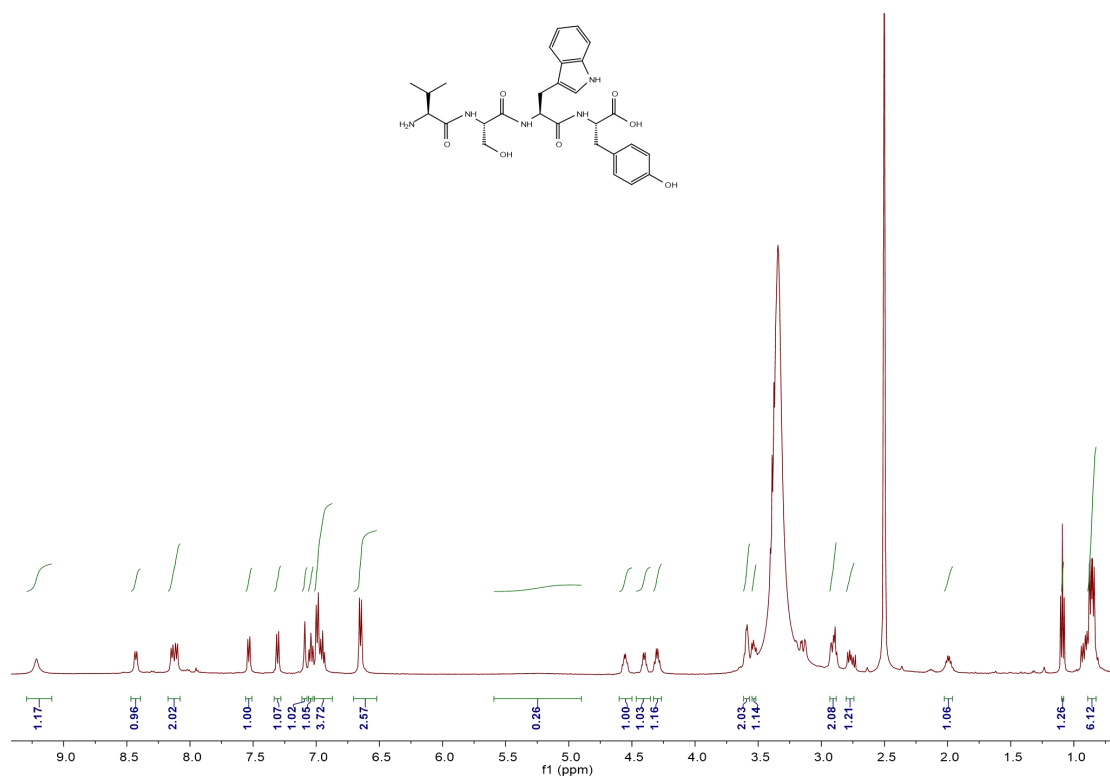
104. Compound **IWPW**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  10.92 (s, 1H), 10.85 (s, 1H), 8.75 (d,  $J = 7.5$  Hz, 1H), 8.03 (s, 2H), 7.58 (t,  $J = 7.9$  Hz, 1H), 7.56 – 7.51 (m, 1H), 7.32 (dd,  $J = 19.0, 10.2$  Hz, 3H), 7.19 (s, 1H), 7.08 – 6.96 (m, 5H), 4.78 (dd,  $J = 13.9, 7.3$  Hz, 1H), 4.50 (dd,  $J = 13.5, 7.1$  Hz, 1H), 4.42 (dd,  $J = 8.4, 3.5$  Hz, 1H), 3.63 (s, 1H), 3.60 – 3.55 (m, 1H), 3.14 (dd,  $J = 10.0, 5.4$  Hz, 2H), 3.10 – 3.07 (m, 1H), 2.97 (dd,  $J = 14.7, 7.7$  Hz, 1H), 1.97 (dd,  $J = 11.7, 8.1$  Hz, 1H), 1.81 – 1.74 (m, 3H), 1.49 – 1.40 (m, 2H), 1.12 – 1.08 (m, 1H), 0.84 (dd,  $J = 15.4, 7.8$  Hz, 6H).



105. Compound **WPYY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  10.98 (t,  $J = 39.4$  Hz, 2H), 9.15 (s, 1H), 8.09 (d,  $J = 7.3$  Hz, 1H), 8.02 (d,  $J = 8.9$  Hz, 1H), 7.79 (d,  $J = 8.0$  Hz, 1H), 7.61 (d,  $J = 7.8$  Hz, 1H), 7.36 (d,  $J = 7.6$  Hz, 2H), 7.01 (dd,  $J = 17.4, 9.0$  Hz, 5H), 6.61 (dt,  $J = 10.8, 7.4$  Hz, 6H), 4.46 (dd,  $J = 12.9, 8.2$  Hz, 1H), 4.32 (d,  $J = 5.9$  Hz, 1H), 4.19 (d,  $J = 6.7$  Hz, 1H), 4.13 (d,  $J = 5.6$  Hz, 1H), 3.06 – 3.02 (m, 2H), 2.95 (d,  $J = 9.2$  Hz, 2H), 2.86 – 2.82 (m, 2H), 2.74 – 2.68 (m, 2H), 1.97 (d,  $J = 11.7$  Hz, 1H), 1.75 (d,  $J = 5.3$  Hz, 3H).

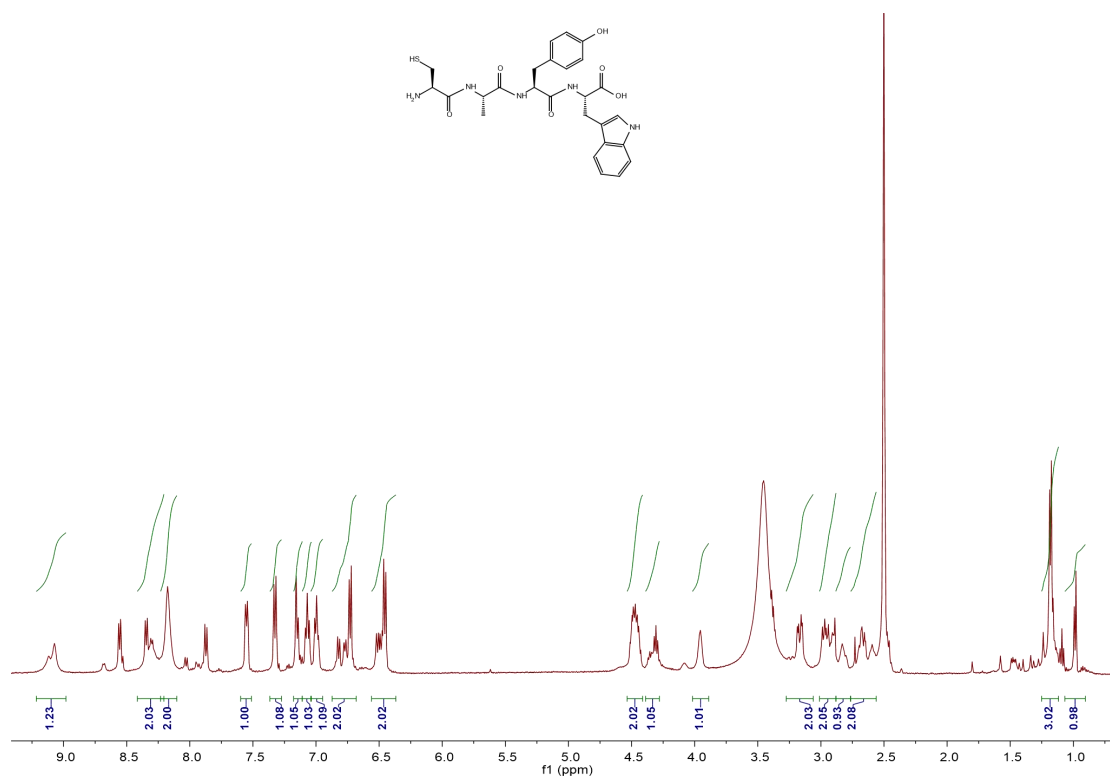
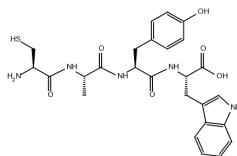


106. Compound **VSWY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.22 (s, 1H), 8.43 (d,  $J = 7.7$  Hz, 1H), 8.12 (dd,  $J = 17.7, 7.8$  Hz, 2H), 7.53 (d,  $J = 7.9$  Hz, 1H), 7.31 (d,  $J = 8.0$  Hz, 1H), 7.09 (s, 1H), 7.04 (t,  $J = 7.6$  Hz, 1H), 7.01 – 6.87 (m, 4H), 6.65 (d,  $J = 8.2$  Hz, 3H), 5.24 (s, 1H), 4.56 (dd,  $J = 12.6, 8.2$  Hz, 1H), 4.40 (dd,  $J = 13.1, 6.2$  Hz, 1H), 4.30 (dd,  $J = 13.4, 7.3$  Hz, 1H), 3.62 – 3.57 (m, 2H), 3.55 – 3.52 (m, 1H), 2.93 – 2.88 (m, 2H), 2.77 (dd,  $J = 14.0, 7.9$  Hz, 1H), 1.99 (dd,  $J = 12.7, 6.4$  Hz, 1H), 1.09 (d,  $J = 5.1$  Hz, 1H), 0.86 (dd,  $J = 12.1, 6.8$  Hz, 6H).

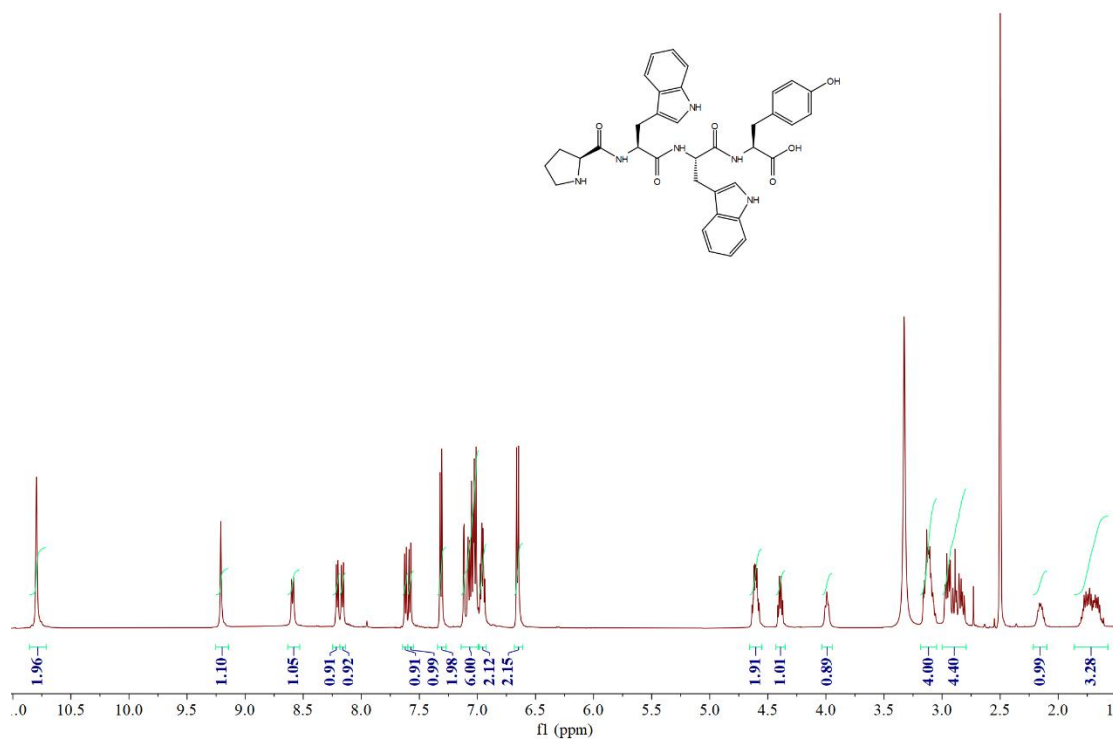


107. Compound **CAYW**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  12.72 (s, 1H), 10.85 (s, 1H), 9.10 (d,  $J = 23.8$  Hz, 1H), 8.55 (t,  $J = 8.3$  Hz, 1H), 8.42 – 8.21 (m, 2H), 8.18 (s, 2H), 7.55 (d,  $J = 7.5$  Hz, 1H), 7.31 (t,  $J = 10.1$  Hz, 1H), 7.13 (dd,  $J = 15.8, 7.9$  Hz, 1H), 7.07 (t,  $J = 7.4$  Hz, 1H), 7.00 (t,  $J = 7.3$  Hz, 1H), 6.87 – 6.68 (m, 2H), 6.56 – 6.37 (m, 2H), 4.54 – 4.41 (m, 2H), 4.32 (dd,  $J = 19.0, 12.0$  Hz, 1H), 3.96 (s, 1H), 3.17 (dd,  $J = 14.5, 4.6$  Hz, 2H), 3.01 – 2.88 (m, 2H), 2.66 (dd,  $J = 38.8, 29.2$  Hz, 2H), 1.25 – 1.12 (m, 3H), 1.07 – 0.90 (m, 1H).

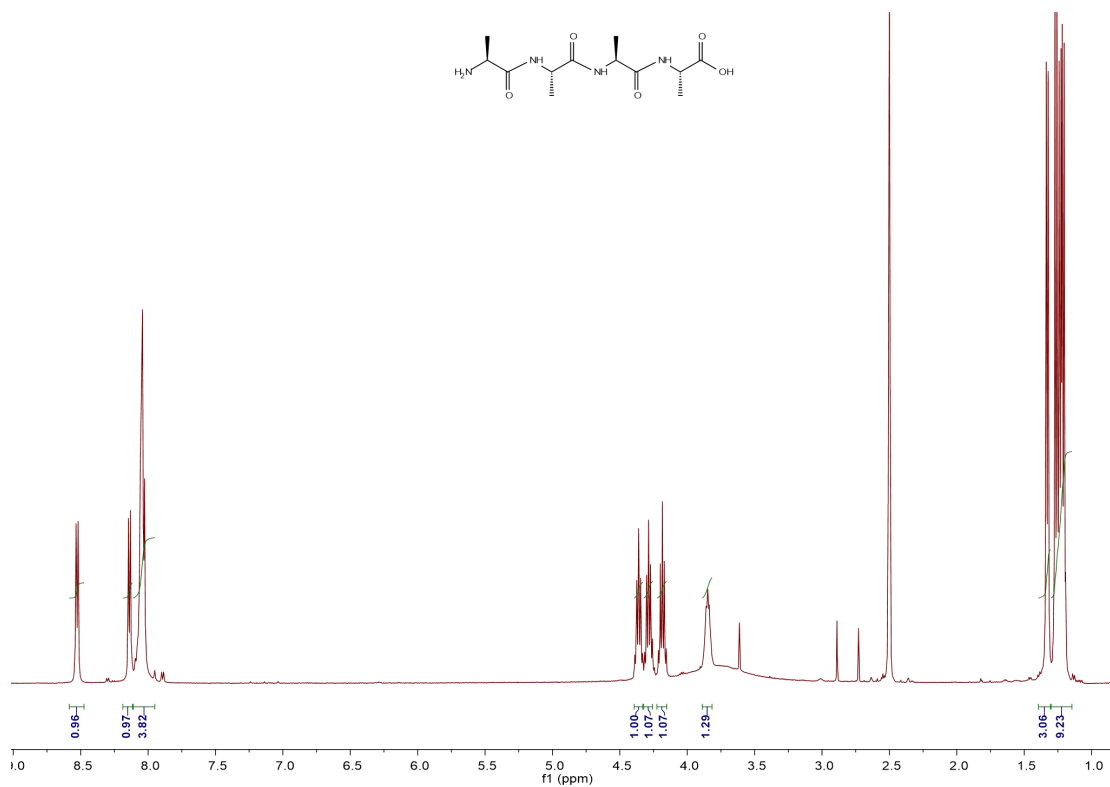
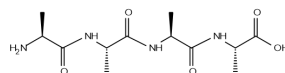




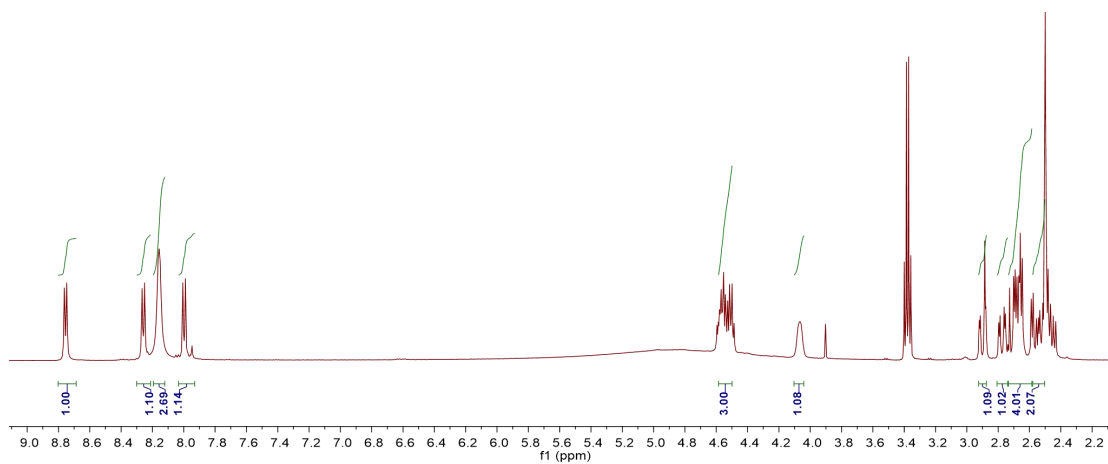
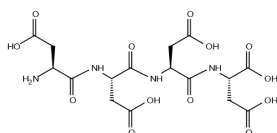
108. Compound **PWWY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.79 (d,  $J = 2.5$  Hz, 2H), 9.21 (s, 1H), 8.59 (d,  $J = 8.2$  Hz, 1H), 8.21 (d,  $J = 7.6$  Hz, 1H), 8.16 (d,  $J = 8.0$  Hz, 1H), 7.62 (d,  $J = 7.9$  Hz, 1H), 7.58 Hz (d,  $J = 7.9$  Hz, 1H), 7.31 (d,  $J = 8.1$  Hz, 2H), 7.06 (m, 6H), 6.90 (td,  $J = 7.3, 4.9$  Hz, 2H), 6.65 (d,  $J = 8.4$  Hz, 1H), 4.61 (m, 2H), 4.39 (td,  $J = 7.7, 5.6$  Hz, 1H), 3.99 (t,  $J = 7.1$  Hz, 1H), 3.11 (m, 4H), 2.90 (m, 4H), 2.14 (dt,  $J = 13.9, 7.9$  Hz, 1H), 1.71 (m, 4H).



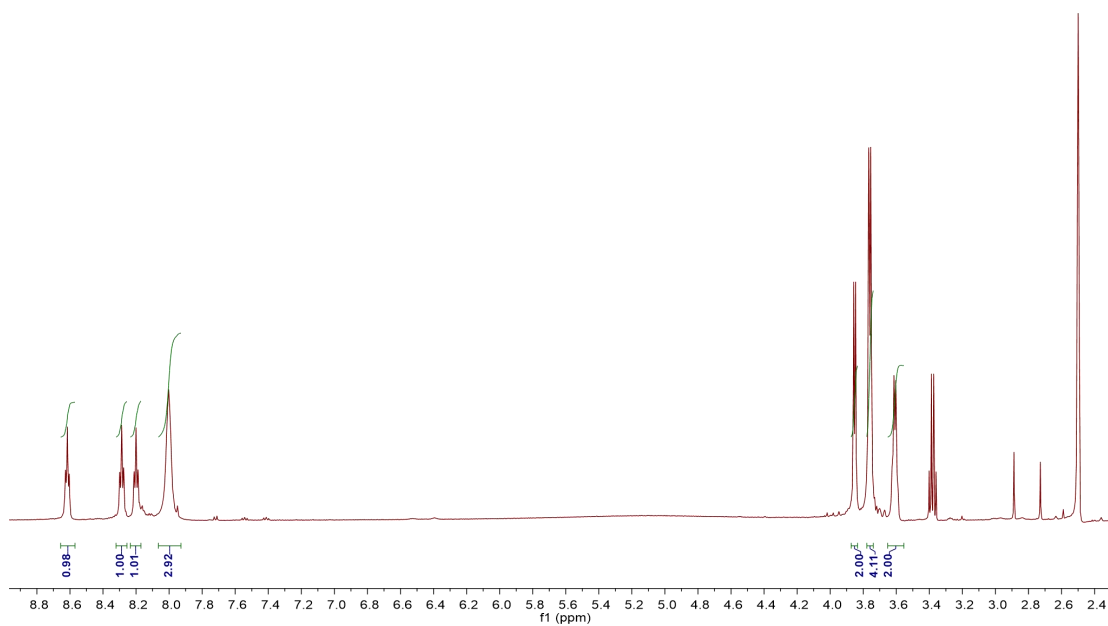
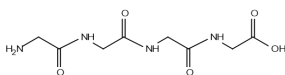
109. Compound **AAAA**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.53 (d, J = 7.5 Hz, 1H), 8.14 (d, J = 7.3 Hz, 1H), 8.04 (t, J = 7.1 Hz, 4H), 4.36 (p, J = 7.1 Hz, 1H), 4.29 (p, J = 7.1 Hz, 1H), 4.19 (p, J = 7.3 Hz, 1H), 1.33 (d, J = 6.9 Hz, 3H), 1.30 – 1.15 (m, 9H).



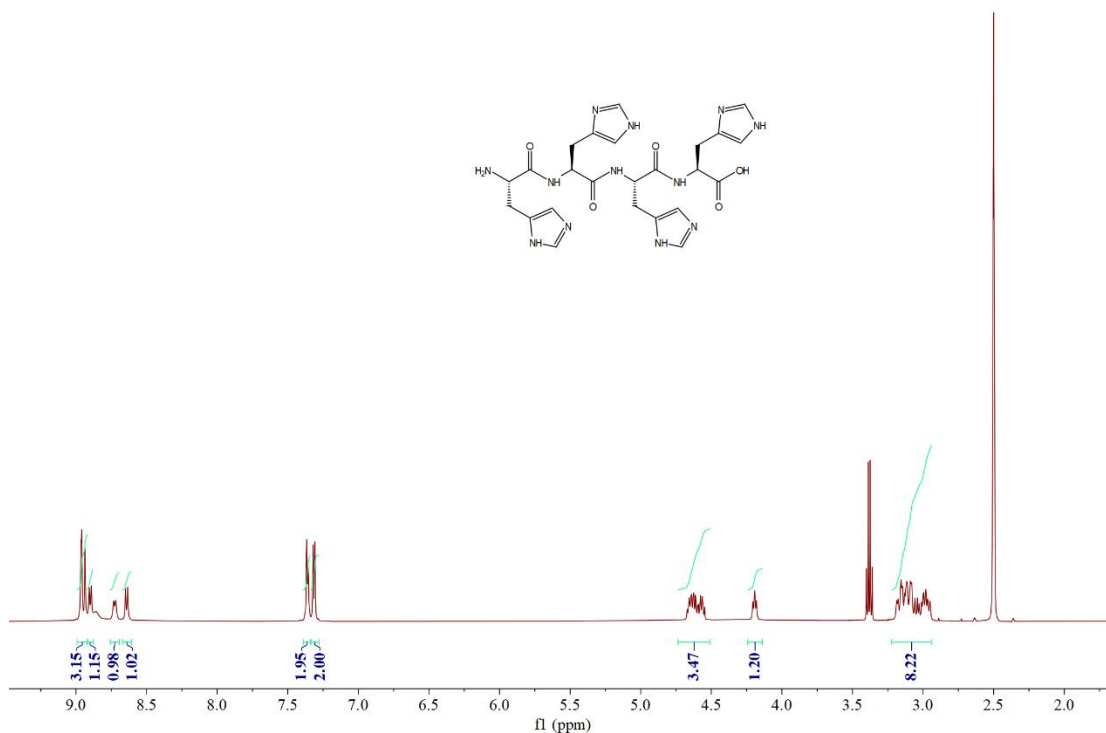
110. Compound **DDDD**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.76 (d,  $J = 7.5$  Hz, 1H), 8.26 (d,  $J = 7.9$  Hz, 1H), 8.19 – 8.12 (m, 3H), 8.00 (d,  $J = 8.1$  Hz, 1H), 4.59 – 4.50 (m, 3H), 4.06 (d,  $J = 7.1$  Hz, 1H), 2.92 – 2.88 (m, 1H), 2.78 (dd,  $J = 16.9, 4.2$  Hz, 1H), 2.73 – 2.59 (m, 4H), 2.58 – 2.50 (m, 2H).



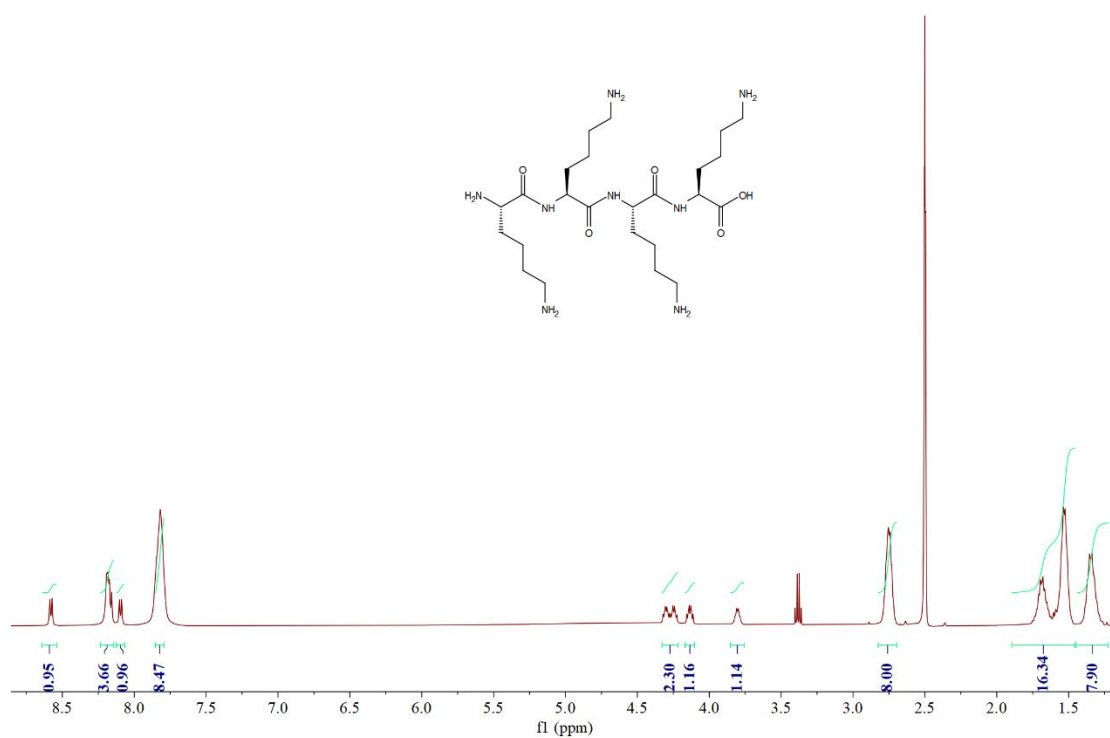
111. Compound **GGGG**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.62 (t,  $J = 5.7$  Hz, 1H), 8.29 (t,  $J = 6.0$  Hz, 1H), 8.19 (q,  $J = 5.4, 4.9$  Hz, 1H), 8.00 (d,  $J = 7.4$  Hz, 3H), 3.85 (d,  $J = 5.6$  Hz, 2H), 3.76 (dd,  $J = 5.9, 1.7$  Hz, 4H), 3.61 (q,  $J = 5.7$  Hz, 2H).



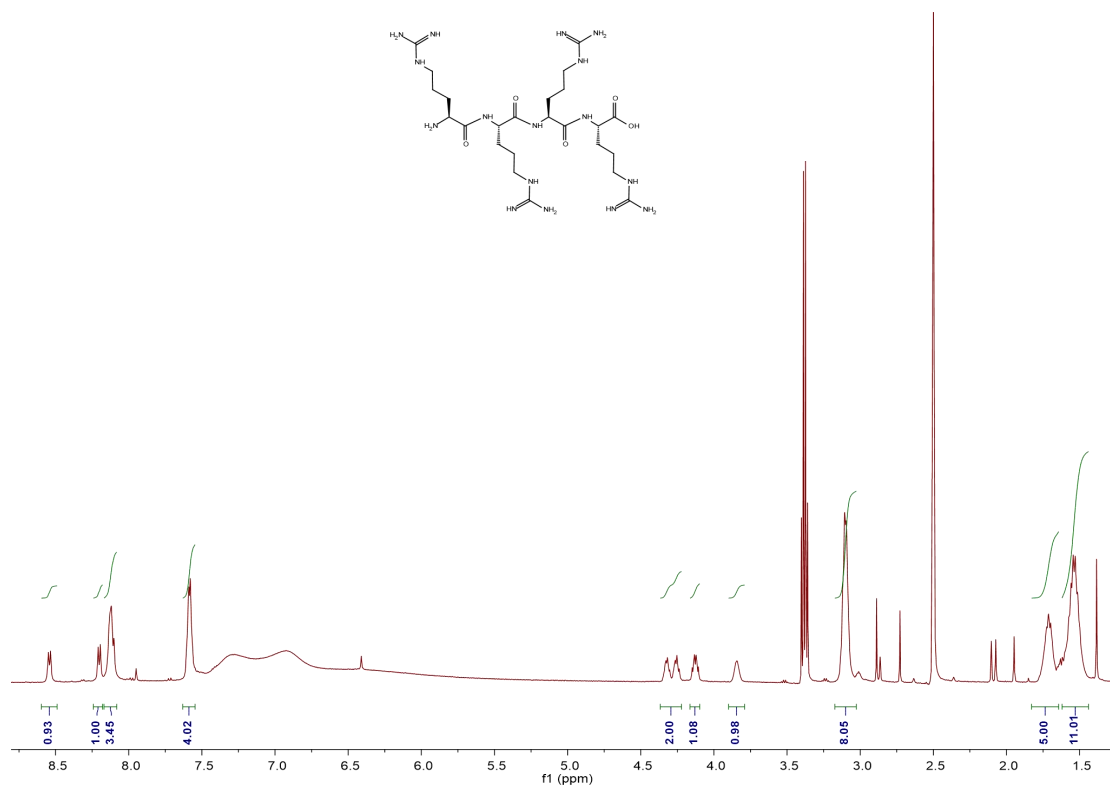
112. Compound **HHHH**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.96 (m, 3H), 8.90 (d,  $J = 7.4$  Hz, 1H), 8.73 (d,  $J = 7.7$  Hz, 1H), 8.64 (d,  $J = 7.8$  Hz, 1H), 7.36 (d,  $J = 4.7$  Hz, 2H), 7.31 (d,  $J = 6.3$  Hz, 2H), 4.62 (m, 3H), 4.19 (t,  $J = 6.5$  Hz, 1H), 3.09 (m, 8H).



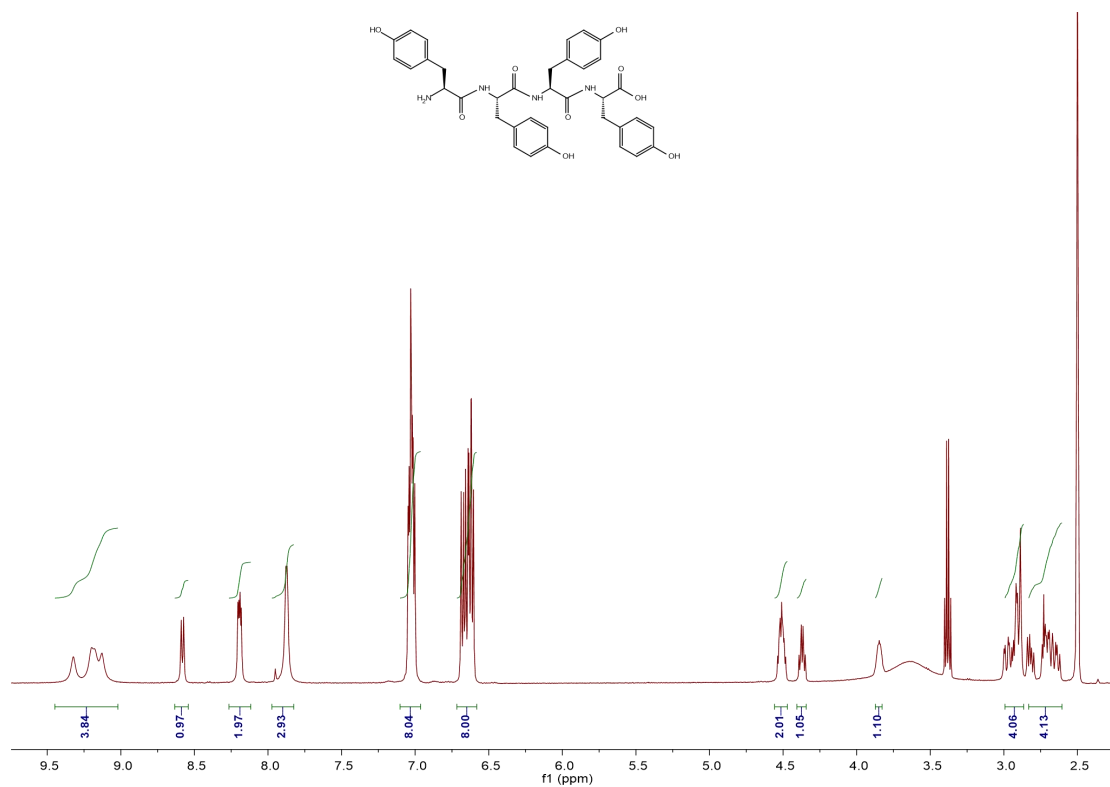
113. Compound **KKKK**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.58 (d,  $J = 7.8$  Hz, 1H), 8.18 (m, 4H), 8.10 (d,  $J = 7.9$  Hz, 1H), 7.82 (s, 8H), 4.27 (m, 2H), 4.13 (td,  $J = 8.3$ , 5.3 Hz, 1H), 3.80 (td,  $J = 6.0$  Hz, 1H), 3.80 (td,  $J = 6.0$  Hz, 1H), 2.75 (dt,  $J = 11.8$ , 5.5 Hz, 8H), 1.53 (m, 16H), 1.34 (m, 8H).



114. Compound **RRRR**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.54 (d, J = 7.4 Hz, 1H), 8.20 (d, J = 7.3 Hz, 1H), 8.12 (s, 3H), 7.58 (d, J = 5.7 Hz, 4H), 4.28 (dt, J = 32.5, 6.8 Hz, 2H), 4.13 (q, J = 7.5 Hz, 1H), 3.84 (s, 1H), 3.17 – 3.03 (m, 8H), 1.71 (s, 5H), 1.54 (q, J = 8.1, 7.6 Hz, 11H).

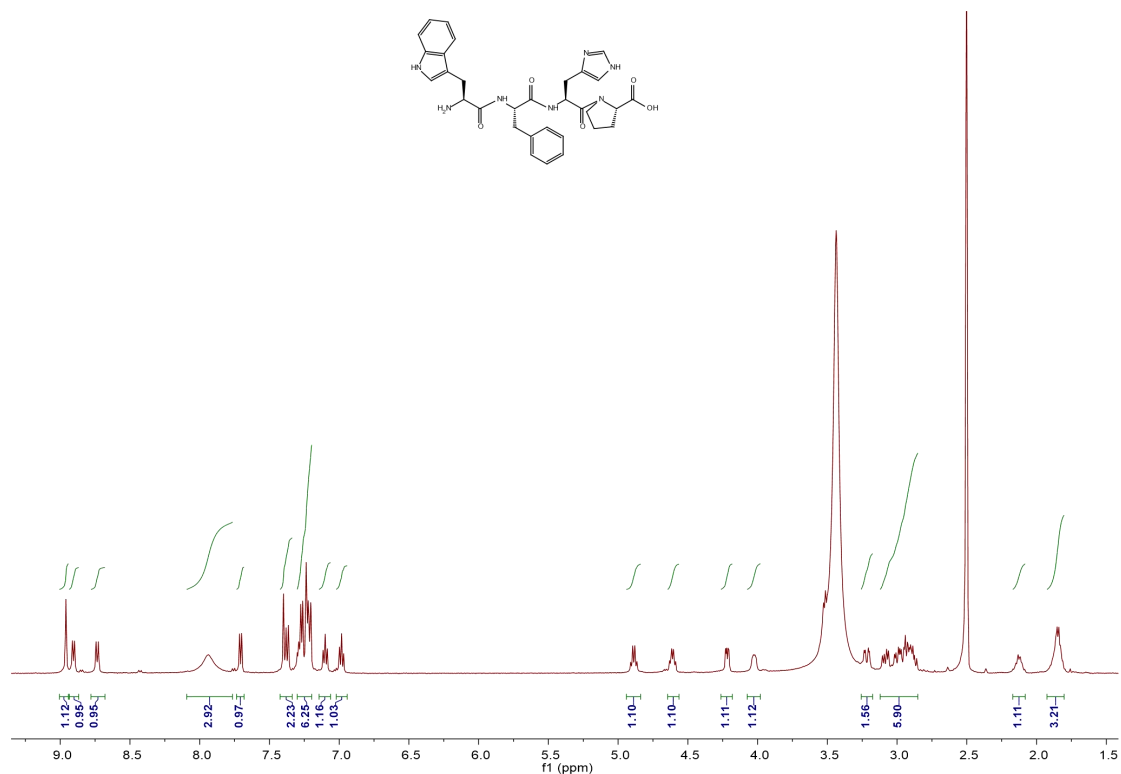


115. Compound **YYYY**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 9.16 (d, J = 33.8 Hz, 4H), 8.58 (d, J = 8.3 Hz, 1H), 8.19 (dd, J = 7.9, 4.0 Hz, 2H), 7.87 (d, J = 5.1 Hz, 3H), 7.10 – 6.96 (m, 8H), 6.72 – 6.58 (m, 8H), 4.51 (ddd, J = 10.3, 8.6, 5.4 Hz, 2H), 4.37 (td, J = 7.7, 5.7 Hz, 1H), 3.85 (dt, J = 9.3, 4.9 Hz, 1H), 2.99 – 2.87 (m, 4H), 2.83 – 2.61 (m, 4H).

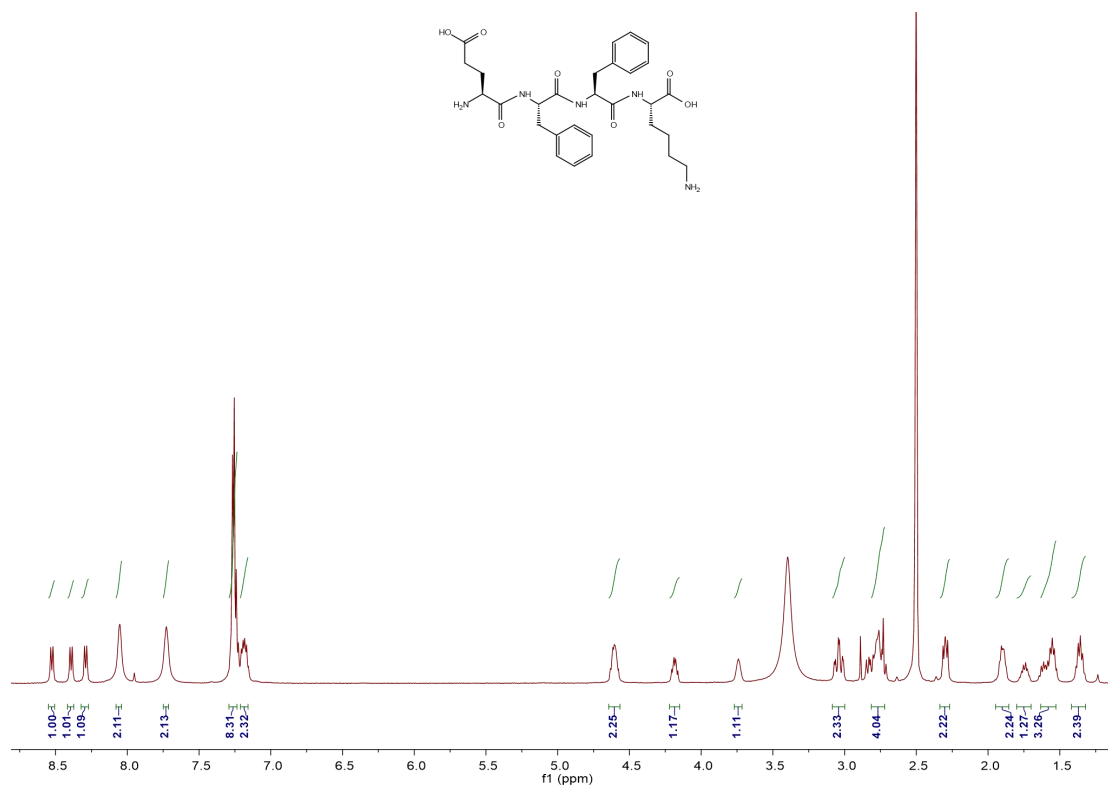


116. Compound **WFHP**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.96 (s, 1H), 8.90 (d,  $J = 7.5$  Hz, 1H), 8.73 (d,  $J = 8.2$  Hz, 1H), 7.85 (d,  $J = 85.6$  Hz, 3H), 7.71 (d,  $J = 7.9$  Hz, 1H), 7.37 (dd,  $J = 19.6, 11.5$  Hz, 2H), 7.30 – 7.20 (m, 6H), 7.10 (t,  $J = 7.5$  Hz, 1H), 6.98 (t,  $J = 7.5$  Hz, 1H), 4.89 (dd,  $J = 14.9, 7.4$  Hz, 1H), 4.61 (dd,  $J = 13.6, 7.7$  Hz, 1H), 4.22 (dd,  $J = 8.5, 3.4$  Hz, 1H), 4.02 (d,  $J = 3.8$  Hz, 1H), 3.22 (dd,  $J = 14.8, 3.8$  Hz, 2H), 3.12 – 2.85 (m, 6H), 2.17 – 2.08 (m, 1H), 1.85 (dd,  $J = 10.7, 4.3$  Hz, 3H).

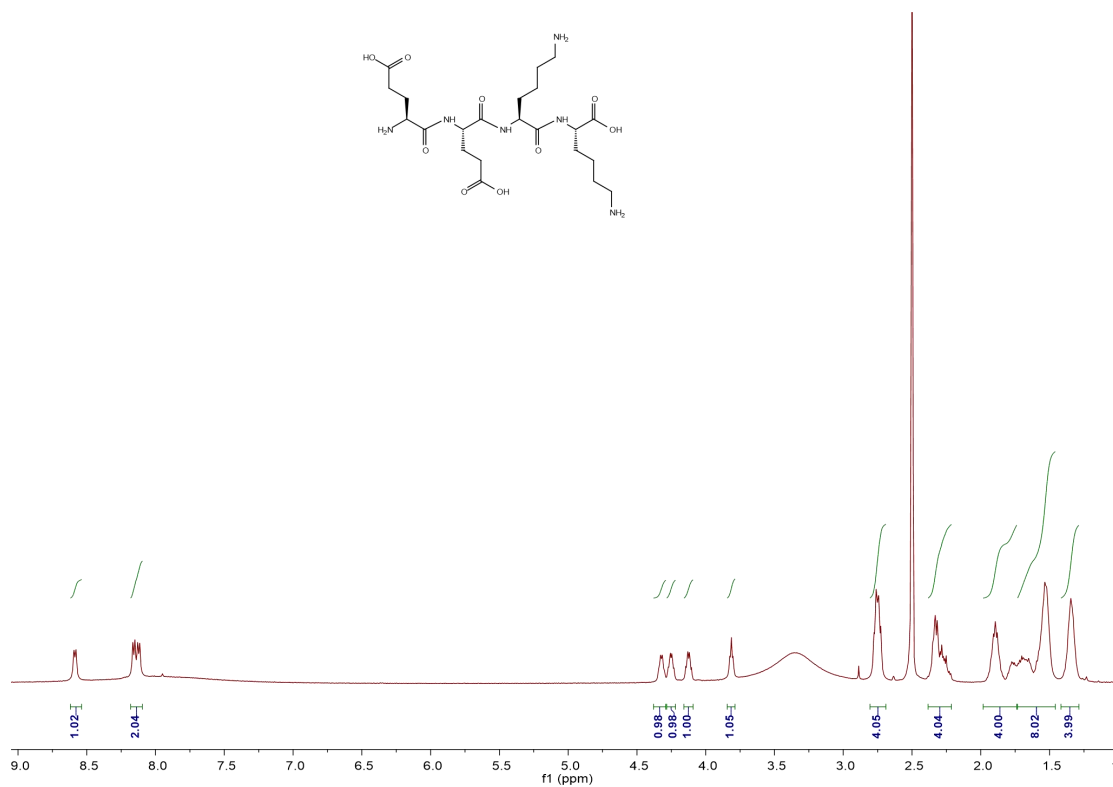




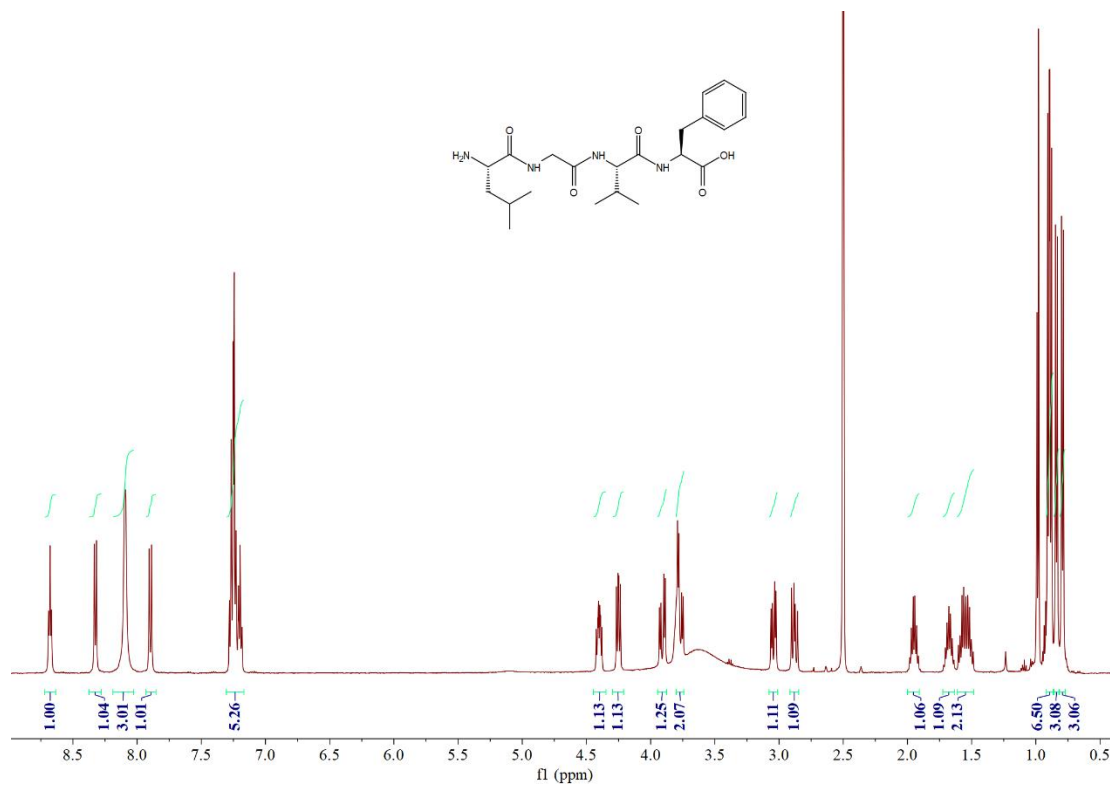
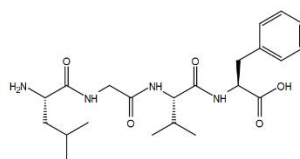
117. Compound **EFFK**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.68 (s, 1H), 12.34 (s, 1H), 8.53 (d,  $J = 8.0$  Hz, 1H), 8.39 (d,  $J = 8.1$  Hz, 1H), 8.29 (d,  $J = 7.6$  Hz, 1H), 8.05 (s, 2H), 7.73 (s, 2H), 7.25 (t,  $J = 6.5$  Hz, 8H), 7.19 (dd,  $J = 11.9, 6.6$  Hz, 2H), 4.64 – 4.57 (m, 2H), 4.18 (dd,  $J = 13.3, 8.0$  Hz, 1H), 3.74 (s, 1H), 3.04 (td,  $J = 13.9, 3.8$  Hz, 2H), 2.76 (dd,  $J = 23.0, 12.4$  Hz, 4H), 2.34 – 2.27 (m, 2H), 1.95 – 1.86 (m, 2H), 1.74 (dt,  $J = 13.0, 6.6$  Hz, 1H), 1.63 – 1.53 (m, 3H), 1.36 (dd,  $J = 14.9, 7.5$  Hz, 2H).



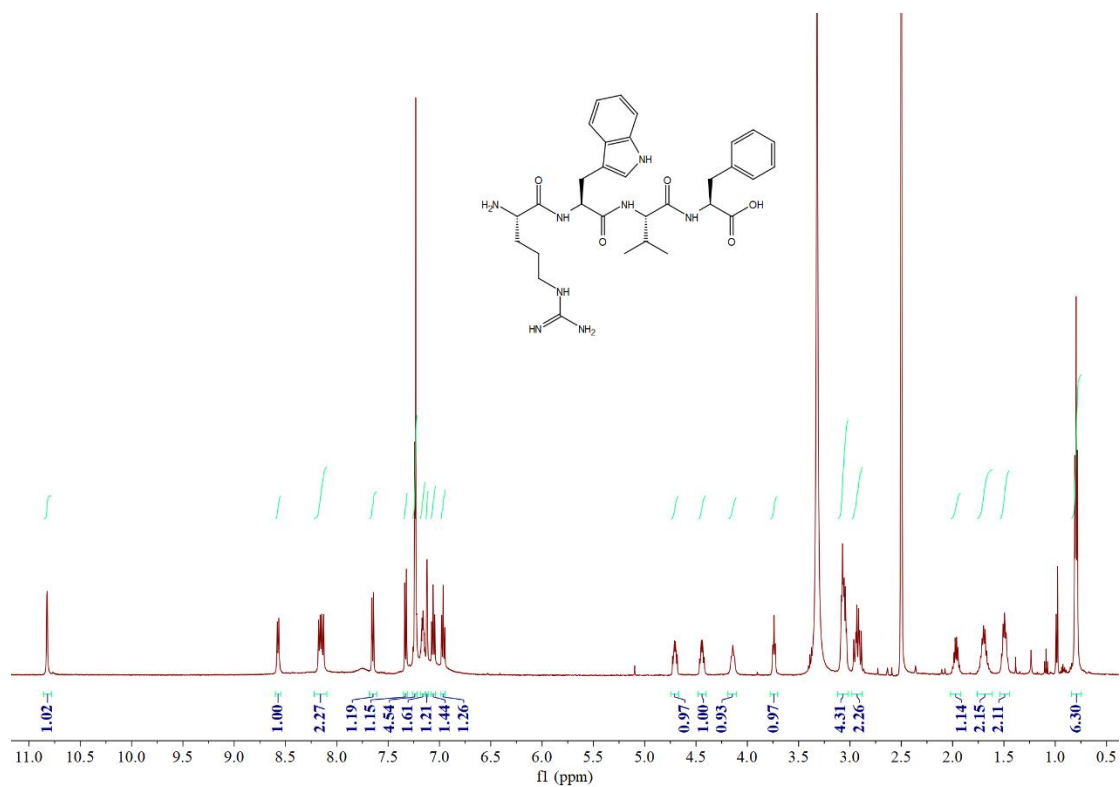
118. Compound **EEKK**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.59 (d, J = 7.6 Hz, 1H), 8.14 (dd, J = 17.5, 7.7 Hz, 2H), 4.26 (t, J = 7.1 Hz, 1H), 4.12 (q, J = 7.6 Hz, 1H), 3.81 (t, J = 6.4 Hz, 1H), 2.81 – 2.69 (m, 4H), 2.38 – 2.21 (m, 4H), 1.89 (h, J = 8.1 Hz, 4H), 1.73 – 1.46 (m, 8H), 1.35 (p, J = 7.6 Hz, 4H).



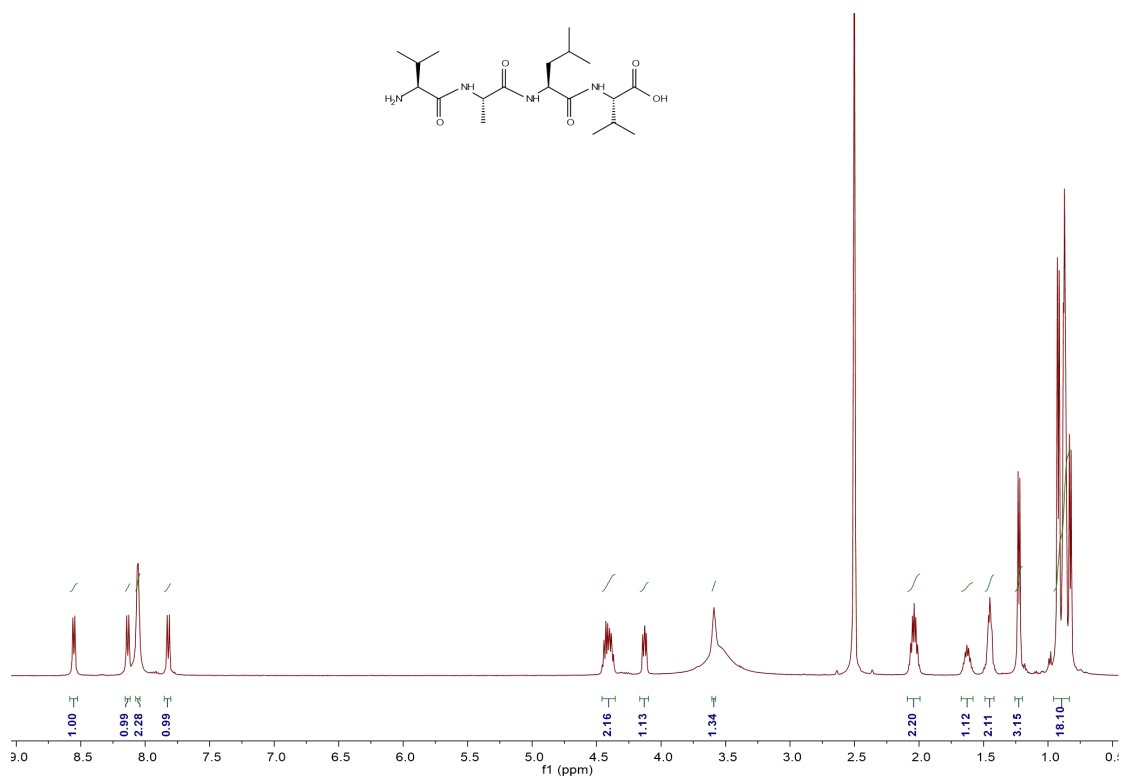
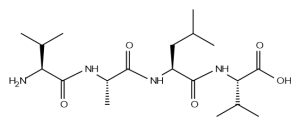
119. Compound **LGVF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.68 (t, *J* = 5.7 Hz, 1H), 8.32 (d, *J* = 7.7 Hz, 1H), 8.09 (d, *J* = 4.7 Hz, 3H), 7.90 (d, *J* = 9.1 Hz, 1H), 7.24 (m, 5H), 4.40 (m, 1H), 4.25 (dd, *J* = 9.1, 6.6 Hz, 1H), 3.91 (dd, *J* = 16.6, 5.8 Hz, 1H), 3.77 (dd, *J* = 16.6, 5.5 Hz, 1H), 3.04 (dd, *J* = 13.9, 5.2 Hz, 1H), 2.88 (dd, *J* = 13.9, 9.2 Hz, 1H), 1.94 (m, 1H), 1.68 (m, 1H), 1.55 (m, 2H), 0.89 (dd, *J* = 9.0, 6.5 Hz, 6H), 0.84 (d, *J* = 6.8 Hz, 3H), 0.79 (d, *J* = 6.8 Hz, 3H).



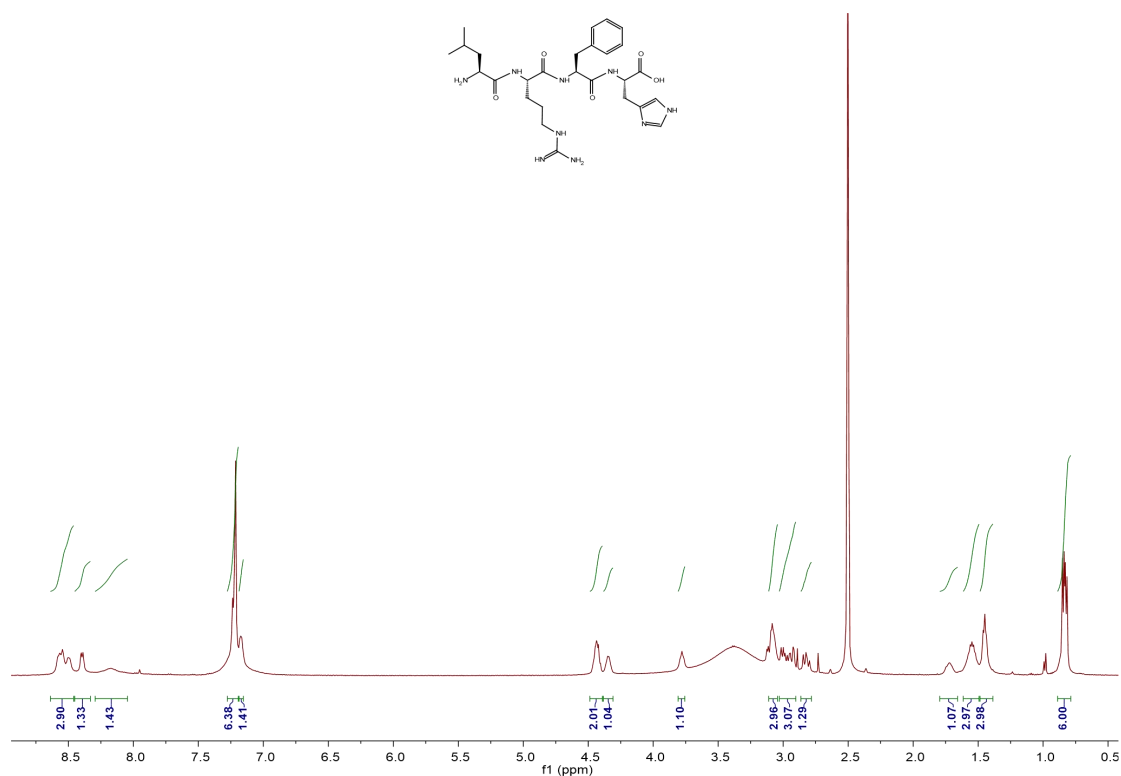
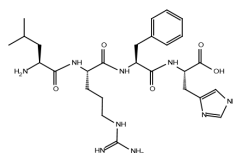
120. Compound **RWVF**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 10.82 (d, *J* = 2.4 Hz, 1H), 8.57 (d, *J* = 7.7 Hz, 1H), 8.15 (dd, *J* = 15.6, 8.3 Hz, 2H), 7.65 (d, *J* = 7.9 Hz, 1H), 7.18 (m, 9H), 4.71 (td, *J* = 8.4, 4.8 Hz, 1H), 4.44 (td, *J* = 8.2, 5.3 Hz, 1H), 4.14 (s, 1H), 3.74 (t, *J* = 6.3 Hz, 1H), 3.06 (dt, *J* = 15.0, 5.6 Hz, 4H), 2.93 (td, *J* = 13.9, 9.0 Hz, 2H), 1.97 (m, 1H), 1.69 (m, 2H), 1.50 (m, 2H), 0.80 (t, *J* = 6.3 Hz, 6H).



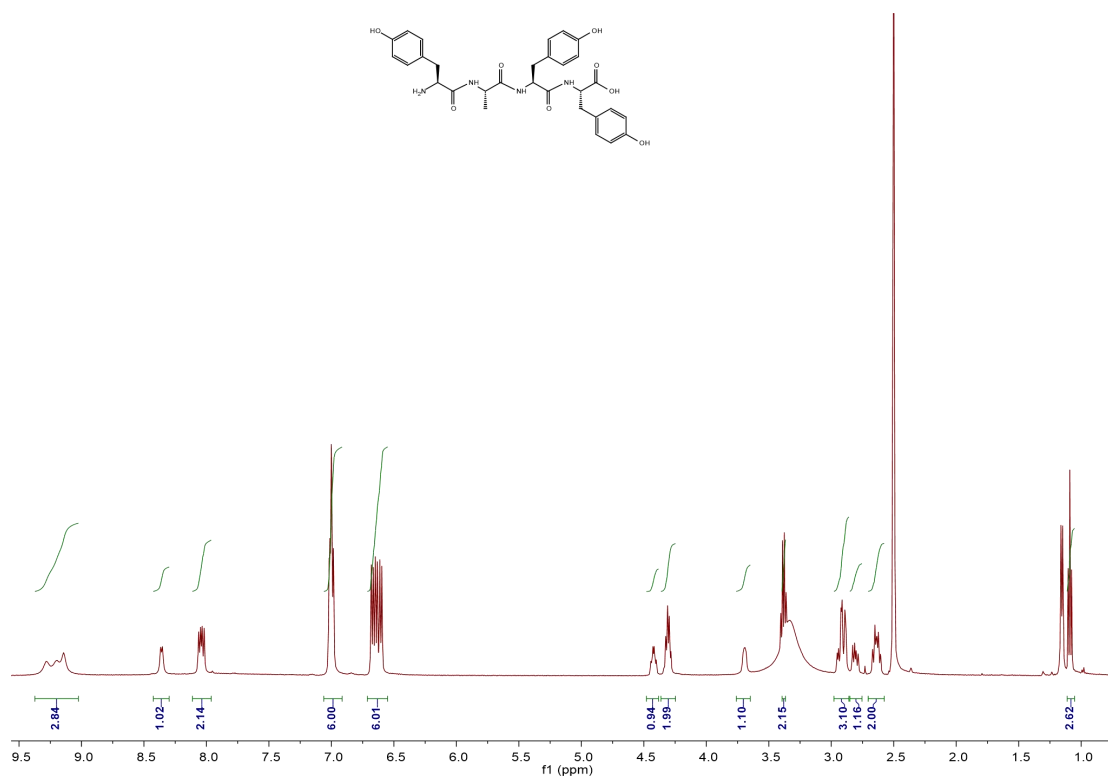
121. Compound VALV: <sup>1</sup>H NMR (500 MHz, DMSO) δ 8.55 (d, *J* = 7.5 Hz, 1H), 8.14 (d, *J* = 8.3 Hz, 1H), 8.06 (s, 2H), 7.82 (d, *J* = 8.5 Hz, 1H), 4.46 – 4.36 (m, 2H), 4.13 (dd, *J* = 8.2, 5.9 Hz, 1H), 3.59 (s, 1H), 2.09 – 1.99 (m, 2H), 1.62 (dq, *J* = 12.8, 6.6 Hz, 1H), 1.49 – 1.42 (m, 2H), 1.23 (d, *J* = 7.0 Hz, 3H), 0.96 – 0.83 (m, 18H).



122. Compound **LRFH**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.64 – 8.46 (m, 3H), 8.40 (d,  $J$  = 7.3 Hz, 1H), 8.17 (s, 1H), 7.23 (d,  $J$  = 11.0 Hz, 6H), 7.17 (s, 1H), 4.43 (d,  $J$  = 7.1 Hz, 2H), 4.35 (s, 1H), 3.78 (s, 1H), 3.09 (d,  $J$  = 4.7 Hz, 3H), 3.03 – 2.90 (m, 3H), 2.86 – 2.78 (m, 1H), 1.72 (s, 1H), 1.61 – 1.49 (m, 3H), 1.43 (t,  $J$  = 18.2 Hz, 3H), 0.83 (dd,  $J$  = 10.9, 6.4 Hz, 6H).

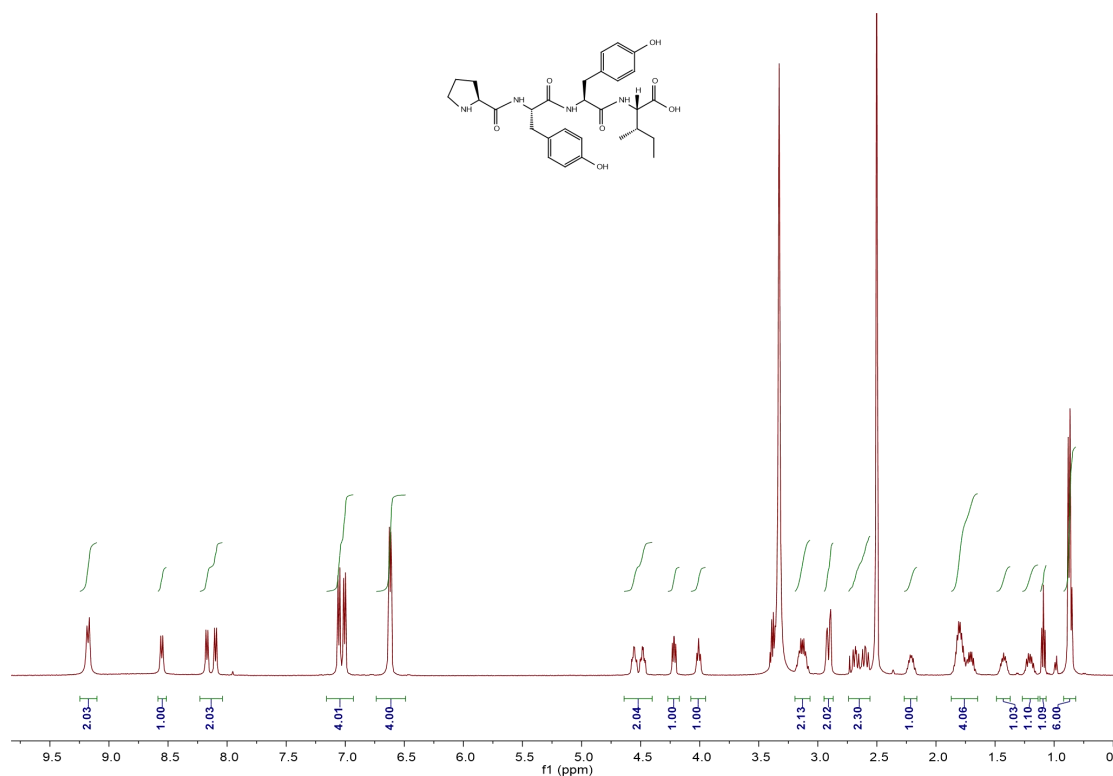
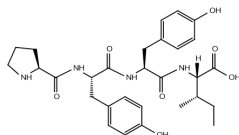


123. Compound **YAYY**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.37 – 9.02 (m, 3H), 8.36 (d,  $J = 6.9$  Hz, 1H), 8.04 (dd,  $J = 14.1, 7.9$  Hz, 2H), 7.00 (dd,  $J = 11.3, 5.7$  Hz, 6H), 6.71 – 6.55 (m, 6H), 4.42 (dd,  $J = 13.2, 8.5$  Hz, 1H), 4.30 (dd,  $J = 13.7, 7.1$  Hz, 2H), 3.69 (s, 1H), 3.38 (t,  $J = 5.9$  Hz, 2H), 2.98 – 2.86 (m, 3H), 2.81 (dd,  $J = 13.9, 8.0$  Hz, 1H), 2.70 – 2.58 (m, 2H), 1.09 (t,  $J = 7.0$  Hz, 3H).

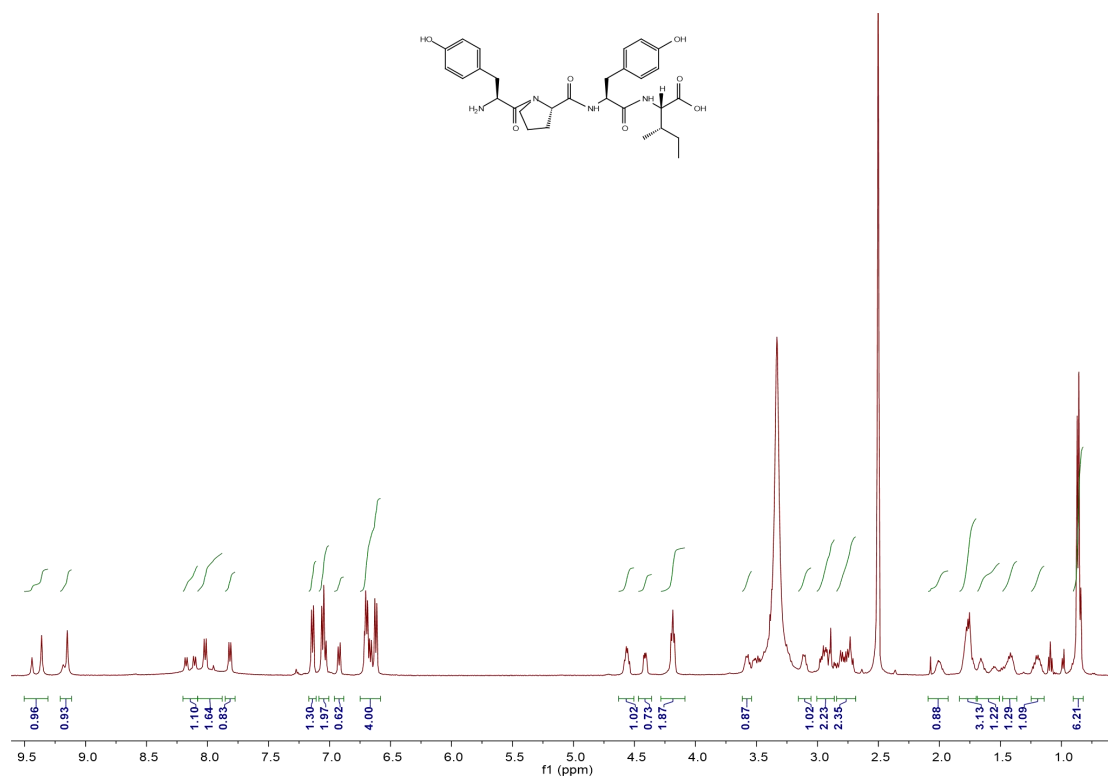


124. Compound **PYYI**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  9.18 (d,  $J = 9.9$  Hz, 2H), 8.55 (d,  $J = 8.5$  Hz, 1H), 8.13 (dd,  $J = 36.7, 8.2$  Hz, 2H), 7.03 (dd,  $J = 23.9, 8.1$  Hz, 4H), 6.62 (d,  $J = 6.2$  Hz, 4H), 4.52 (dtd,  $J = 36.6, 9.0, 4.0$  Hz, 2H), 4.27 – 4.17 (m, 1H), 4.01 (t,  $J = 7.5$  Hz, 1H), 3.19 – 3.07 (m, 2H), 2.95 – 2.87 (m, 2H), 2.74 – 2.56 (m, 2H), 2.27 – 2.16 (m, 1H), 1.87 – 1.65 (m, 4H), 1.49 – 1.37 (m, 1H), 1.20 (dt,  $J = 21.7, 7.7$  Hz, 1H), 1.09 (t,  $J = 7.0$  Hz, 1H), 0.87 (t,  $J = 7.8$  Hz, 6H).

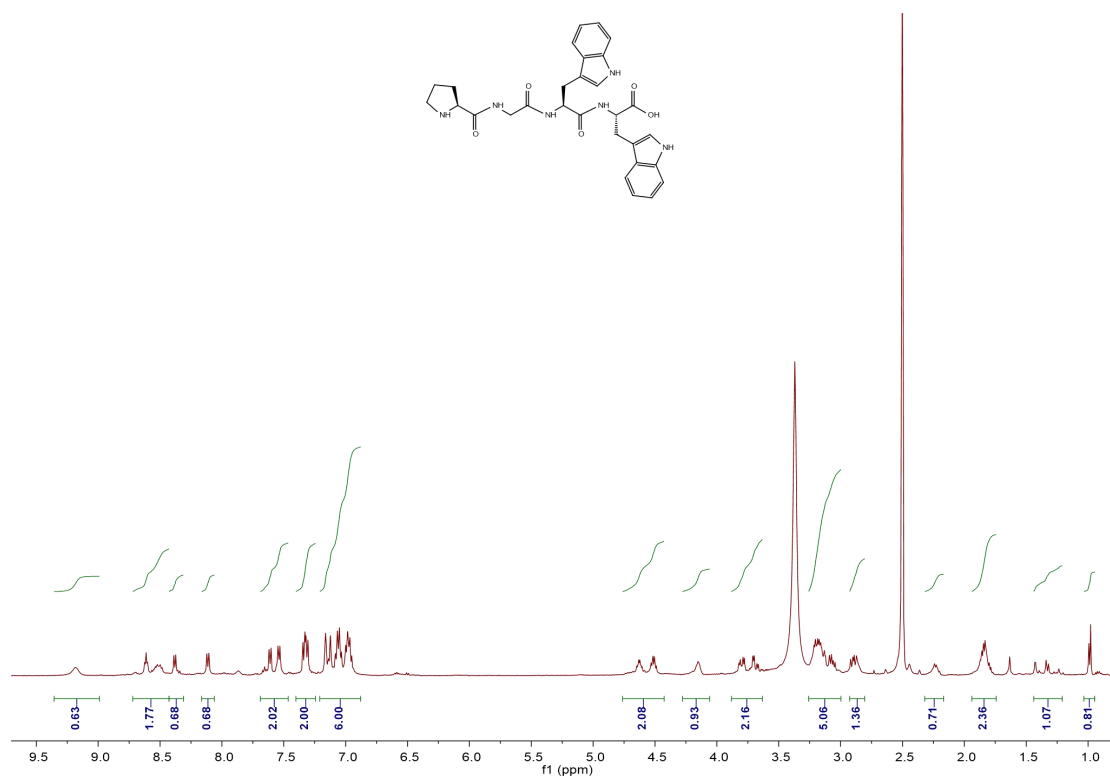




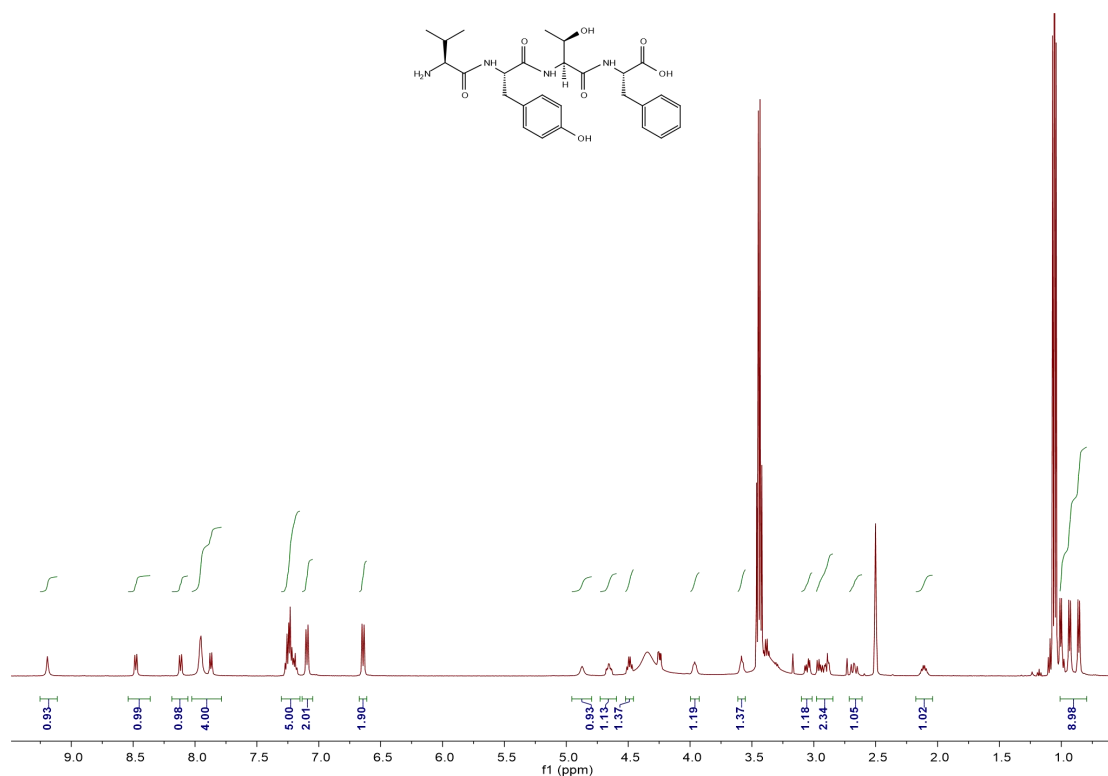
125. Compound **YPYI**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.40 (d,  $J = 39.2$  Hz, 1H), 9.17 (d,  $J = 16.5$  Hz, 1H), 8.14 (dd,  $J = 35.1, 8.4$  Hz, 1H), 8.00 (t,  $J = 19.0$  Hz, 2H), 7.82 (d,  $J = 7.9$  Hz, 1H), 7.14 (d,  $J = 8.1$  Hz, 1H), 7.05 (t,  $J = 9.0$  Hz, 2H), 6.92 (d,  $J = 8.1$  Hz, 1H), 6.75 – 6.58 (m, 4H), 4.56 (dd,  $J = 12.6, 7.4$  Hz, 1H), 4.47 – 4.36 (m, 1H), 4.19 (t,  $J = 6.9$  Hz, 2H), 3.62 – 3.54 (m, 1H), 3.16 – 3.05 (m, 1H), 3.00 – 2.86 (m, 2H), 2.77 (ddd,  $J = 29.3, 21.0, 12.1$  Hz, 2H), 2.01 (dd,  $J = 27.2, 23.0$  Hz, 1H), 1.76 (dd,  $J = 15.8, 9.7$  Hz, 3H), 1.69 – 1.51 (m, 1H), 1.43 (dd,  $J = 21.2, 14.4$  Hz, 1H), 1.25 – 1.14 (m, 1H), 0.86 (t,  $J = 7.5$  Hz, 6H).



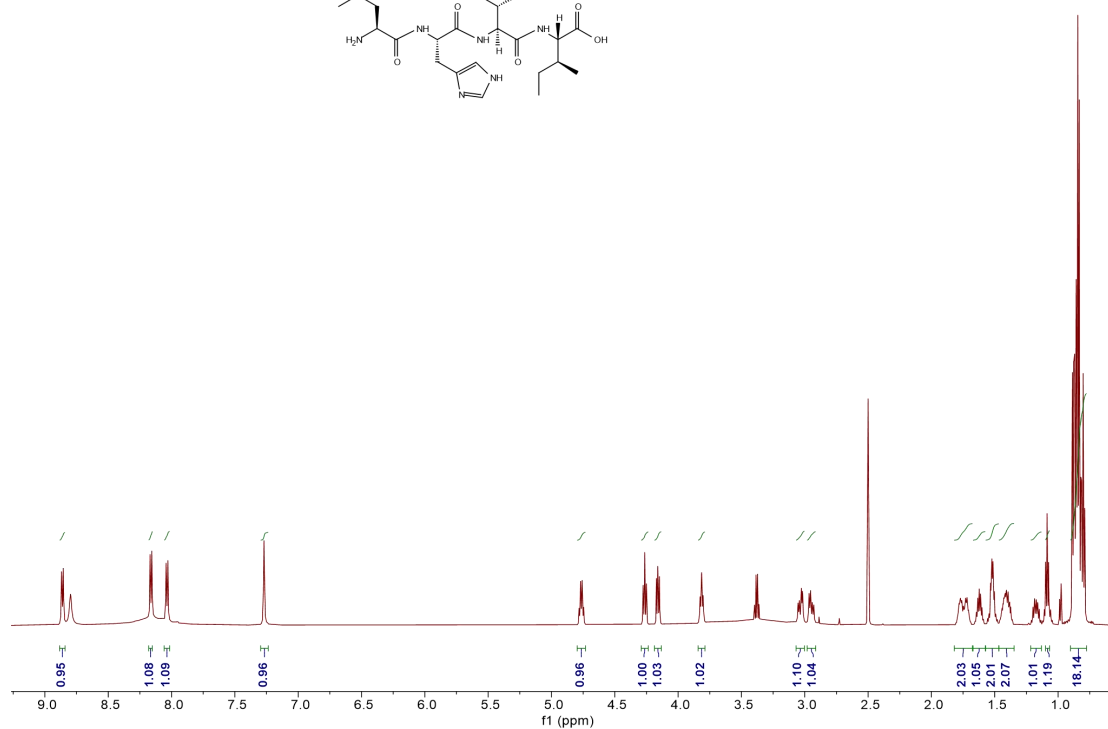
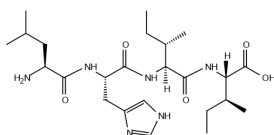
126. Compound **PGWW**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 9.18 (s, 1H), 8.72 – 8.43 (m, 2H), 8.36 (dd, *J* = 16.1, 8.0 Hz, 1H), 8.11 (d, *J* = 8.1 Hz, 1H), 7.69 – 7.46 (m, 2H), 7.31 (dt, *J* = 25.6, 12.9 Hz, 2H), 7.21 – 6.88 (m, 6H), 4.76 – 4.43 (m, 2H), 4.15 (s, 1H), 3.88 – 3.63 (m, 2H), 3.26 – 3.00 (m, 5H), 2.90 (dd, *J* = 14.6, 9.2 Hz, 1H), 2.32 – 2.17 (m, 1H), 1.94 – 1.74 (m, 2H), 1.44 – 1.21 (m, 1H), 0.97 (t, *J* = 11.3 Hz, 1H).



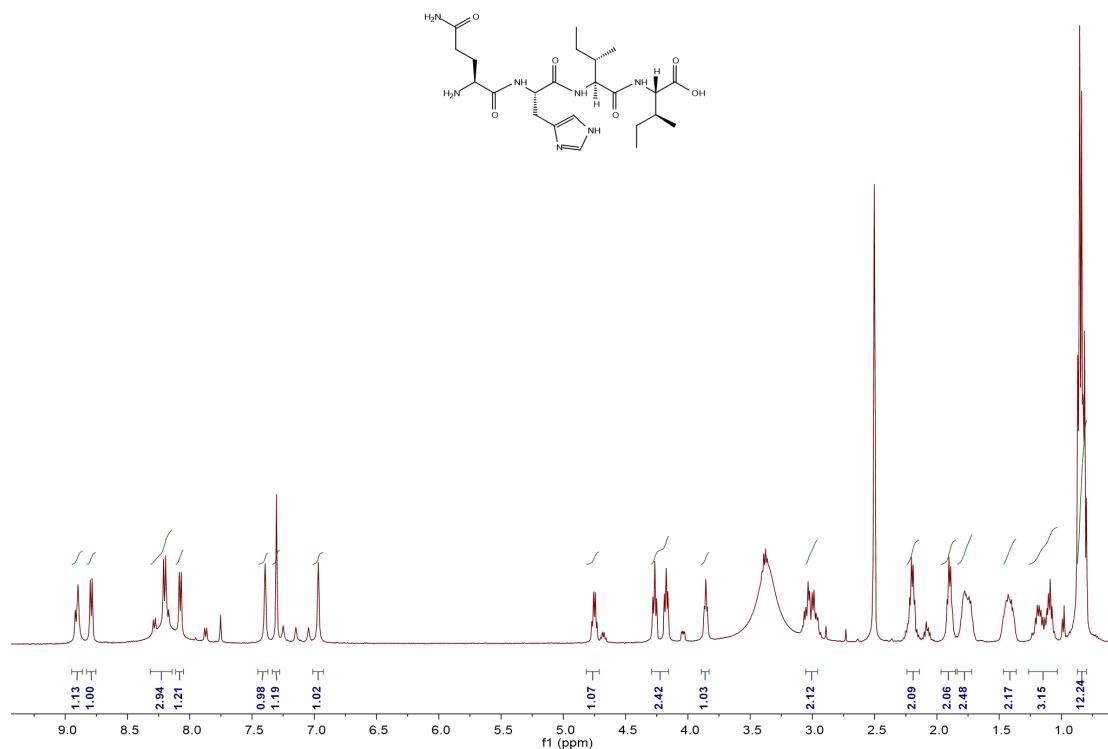
127. Compound **VYTF**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  9.19 (s, 1H), 8.48 (d,  $J$  = 8.1 Hz, 1H), 8.12 (d,  $J$  = 8.5 Hz, 1H), 8.03 – 7.79 (m, 4H), 7.30 – 7.15 (m, 5H), 7.10 (d,  $J$  = 8.3 Hz, 2H), 6.64 (d,  $J$  = 8.3 Hz, 2H), 4.87 (s, 1H), 4.66 (td,  $J$  = 9.4, 4.0 Hz, 1H), 4.49 (dd,  $J$  = 13.3, 7.4 Hz, 1H), 4.00 – 3.93 (m, 1H), 3.61 – 3.55 (m, 1H), 3.05 (dd,  $J$  = 13.9, 5.5 Hz, 1H), 2.98 – 2.85 (m, 2H), 2.67 (dd,  $J$  = 14.1, 10.0 Hz, 1H), 2.11 (dq,  $J$  = 13.3, 6.8 Hz, 1H), 1.01 – 0.79 (m, 9H).



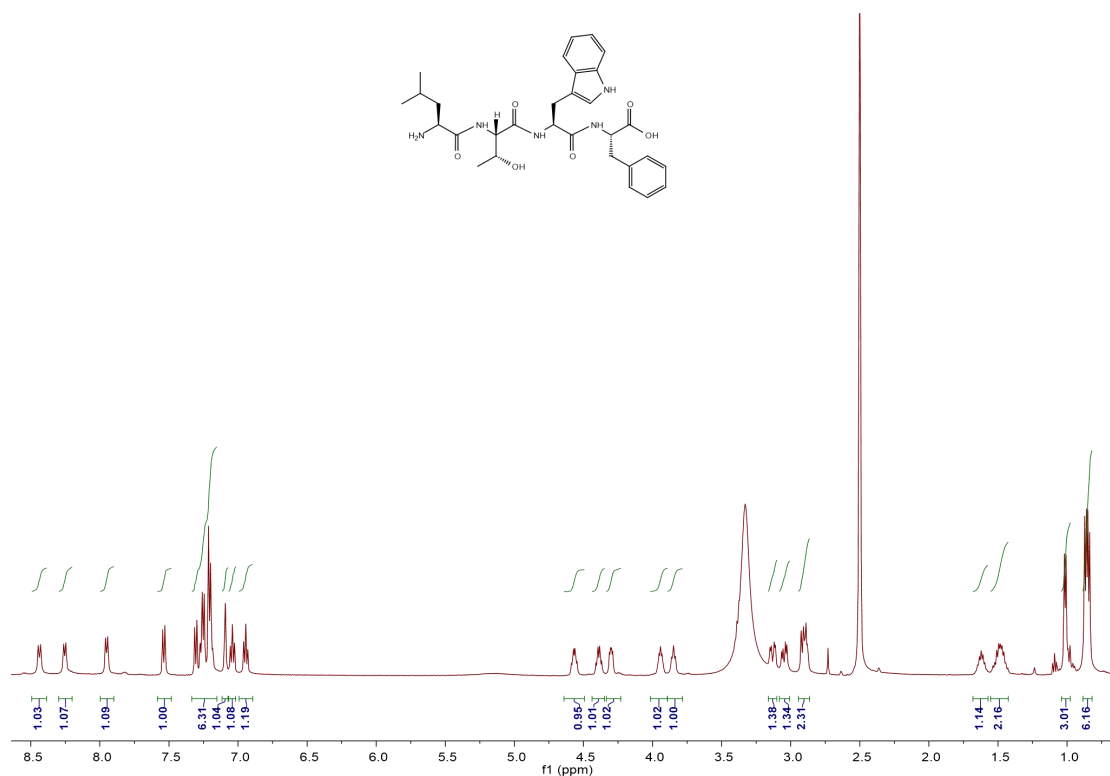
128. Compound **LHII**: <sup>1</sup>H NMR (600 MHz, DMSO-d<sub>6</sub>) δ 8.86 (d, J = 8.0 Hz, 1H), 8.16 (d, J = 8.2 Hz, 1H), 8.04 (d, J = 8.3 Hz, 1H), 7.27 (s, 1H), 4.76 (q, J = 7.1 Hz, 1H), 4.26 (t, J = 7.8 Hz, 1H), 4.16 (dd, J = 8.2, 6.1 Hz, 1H), 3.81 (t, J = 7.2 Hz, 1H), 3.04 (dd, J = 15.4, 6.3 Hz, 1H), 2.95 (dd, J = 15.3, 7.2 Hz, 1H), 1.82 – 1.68 (m, 2H), 1.62 (dp, J = 13.3, 6.6 Hz, 1H), 1.57 – 1.47 (m, 2H), 1.41 (dddd, J = 27.1, 11.7, 9.0, 5.6 Hz, 2H), 1.22 – 1.13 (m, 1H), 1.10 – 1.07 (m, 1H), 0.90 – 0.77 (m, 18H).



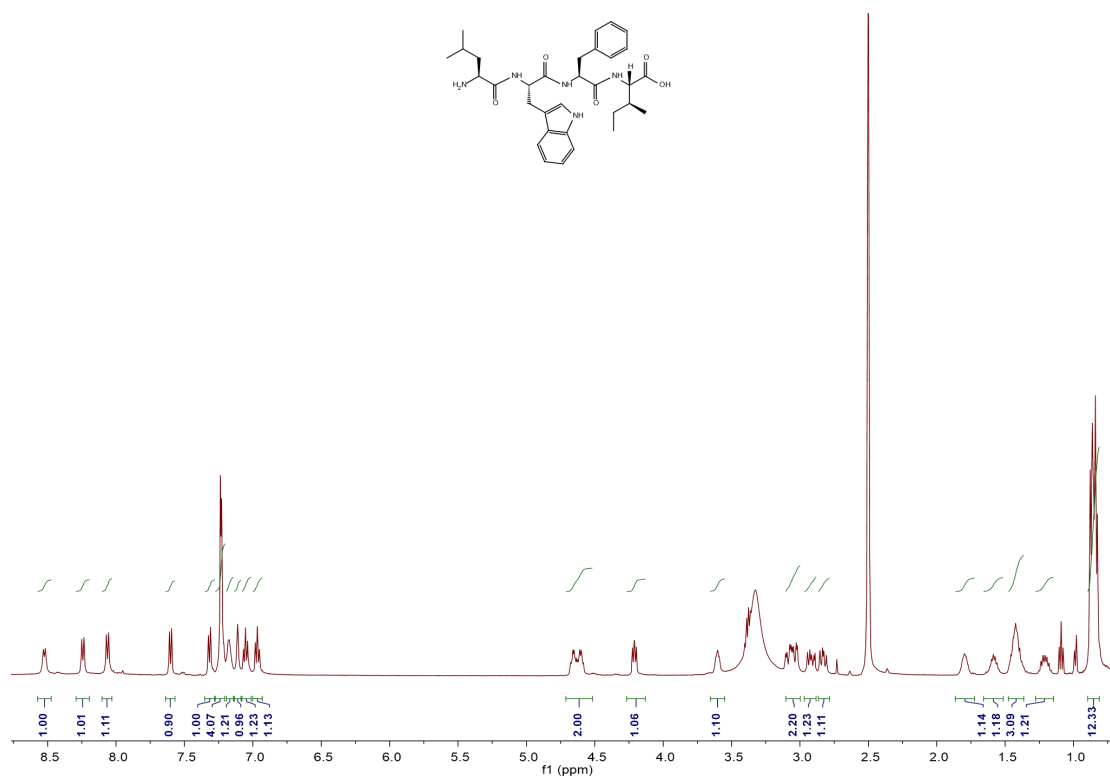
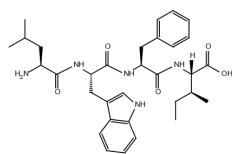
129. Compound **QHII**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.91 (d,  $J = 10.6$  Hz, 1H), 8.79 (d,  $J = 7.8$  Hz, 1H), 8.23 (dt,  $J = 20.6, 10.3$  Hz, 3H), 8.08 (d,  $J = 8.0$  Hz, 1H), 7.40 (s, 1H), 7.30 (s, 1H), 6.97 (s, 1H), 4.75 (dd,  $J = 13.9, 7.0$  Hz, 1H), 4.22 (dt,  $J = 44.9, 7.1$  Hz, 2H), 3.86 (t,  $J = 6.0$  Hz, 1H), 3.05 – 2.96 (m, 2H), 2.18 (dt,  $J = 15.8, 7.4$  Hz, 2H), 1.97 – 1.85 (m, 2H), 1.75 (dd,  $J = 17.9, 5.5$  Hz, 2H), 1.46 – 1.36 (m, 2H), 1.11 (ddd,  $J = 23.8, 16.5, 8.9$  Hz, 2H), 0.83 (dt,  $J = 14.6, 7.7$  Hz, 12H).



130. Compound **LTWF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.44 (d,  $J = 8.2$  Hz, 1H), 8.25 (d,  $J = 7.6$  Hz, 1H), 7.95 (d,  $J = 7.6$  Hz, 1H), 7.54 (d,  $J = 7.8$  Hz, 1H), 7.25 (ddd,  $J = 30.4, 17.5, 7.8$  Hz, 6H), 7.09 (s, 1H), 7.04 (t,  $J = 7.5$  Hz, 1H), 6.94 (t,  $J = 7.4$  Hz, 1H), 4.57 (dd,  $J = 12.5, 7.8$  Hz, 1H), 4.39 (dd,  $J = 13.3, 7.4$  Hz, 1H), 4.29 (dt,  $J = 25.4, 12.7$  Hz, 1H), 4.02 – 3.89 (m, 1H), 3.85 (t,  $J = 6.8$  Hz, 1H), 3.13 (dd,  $J = 14.8, 4.4$  Hz, 1H), 3.05 (dd,  $J = 13.7, 5.4$  Hz, 1H), 2.90 (dd,  $J = 15.4, 6.4$  Hz, 2H), 1.62 (dd,  $J = 13.0, 6.7$  Hz, 1H), 1.55 – 1.43 (m, 2H), 1.00 (dd,  $J = 13.6, 6.6$  Hz, 3H), 0.85 (dd,  $J = 11.6, 6.4$  Hz, 6H).

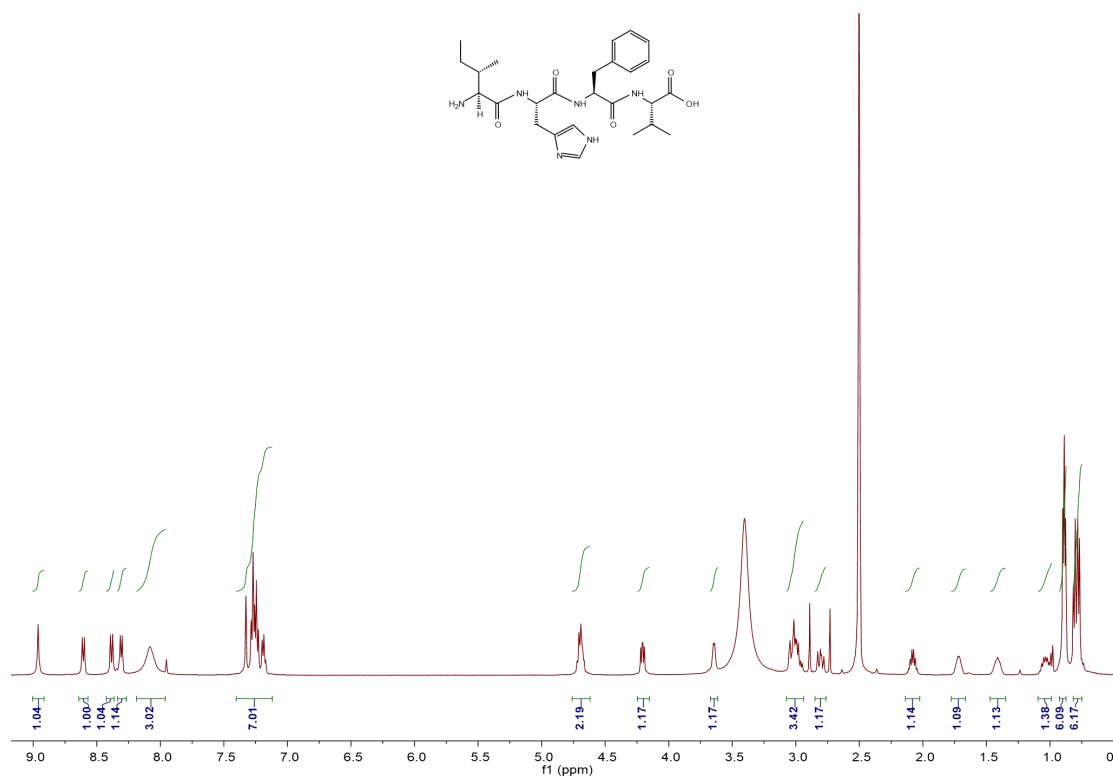
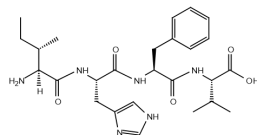


131. Compound **LWFI**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.52 (d,  $J = 7.5$  Hz, 1H), 8.24 (d,  $J = 8.0$  Hz, 1H), 8.06 (d,  $J = 8.2$  Hz, 1H), 7.60 (d,  $J = 7.9$  Hz, 1H), 7.32 (d,  $J = 8.1$  Hz, 1H), 7.23 (d,  $J = 4.1$  Hz, 4H), 7.18 (d,  $J = 4.3$  Hz, 1H), 7.11 (s, 1H), 7.05 (t,  $J = 7.5$  Hz, 1H), 6.97 (t,  $J = 7.4$  Hz, 1H), 4.71 – 4.52 (m, 2H), 4.27 – 4.13 (m, 1H), 3.60 (d,  $J = 5.7$  Hz, 1H), 3.10 – 3.00 (m, 2H), 2.97 – 2.88 (m, 1H), 2.83 (dd,  $J = 13.9, 9.4$  Hz, 1H), 1.77 (d,  $J = 31.0$  Hz, 1H), 1.66 – 1.51 (m, 1H), 1.48 – 1.36 (m, 3H), 1.28 – 1.15 (m, 1H), 0.90 – 0.81 (m, 12H).

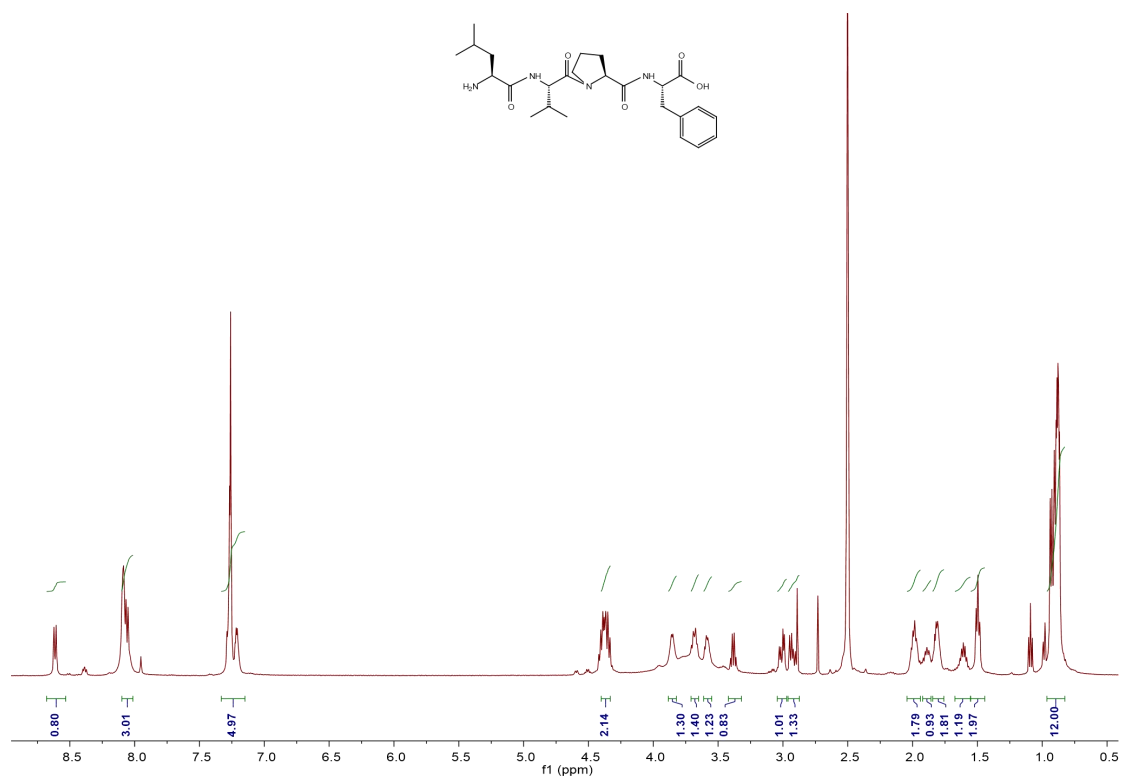
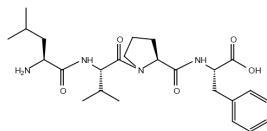


132. Compound **IHFV**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.96 (s, 1H), 8.61 (d,  $J = 8.2$  Hz, 1H), 8.38 (d,  $J = 8.7$  Hz, 1H), 8.31 (d,  $J = 7.5$  Hz, 1H), 8.02 (d,  $J = 61.3$  Hz, 3H), 7.40 – 7.12 (m, 7H), 4.76 – 4.62 (m, 2H), 4.21 (dd,  $J = 8.3, 6.0$  Hz, 1H), 3.64 (d,  $J = 5.0$  Hz, 1H), 3.07 – 2.94 (m, 3H), 2.80 (dd,  $J = 14.0, 10.0$  Hz, 1H), 2.14 – 2.02 (m, 1H), 1.72 (d,  $J = 6.1$  Hz, 1H), 1.47 – 1.35 (m, 1H), 1.09 – 0.99 (m, 1H), 0.93 – 0.87 (m, 6H), 0.78 (dt,  $J = 15.6, 8.0$  Hz, 6H).

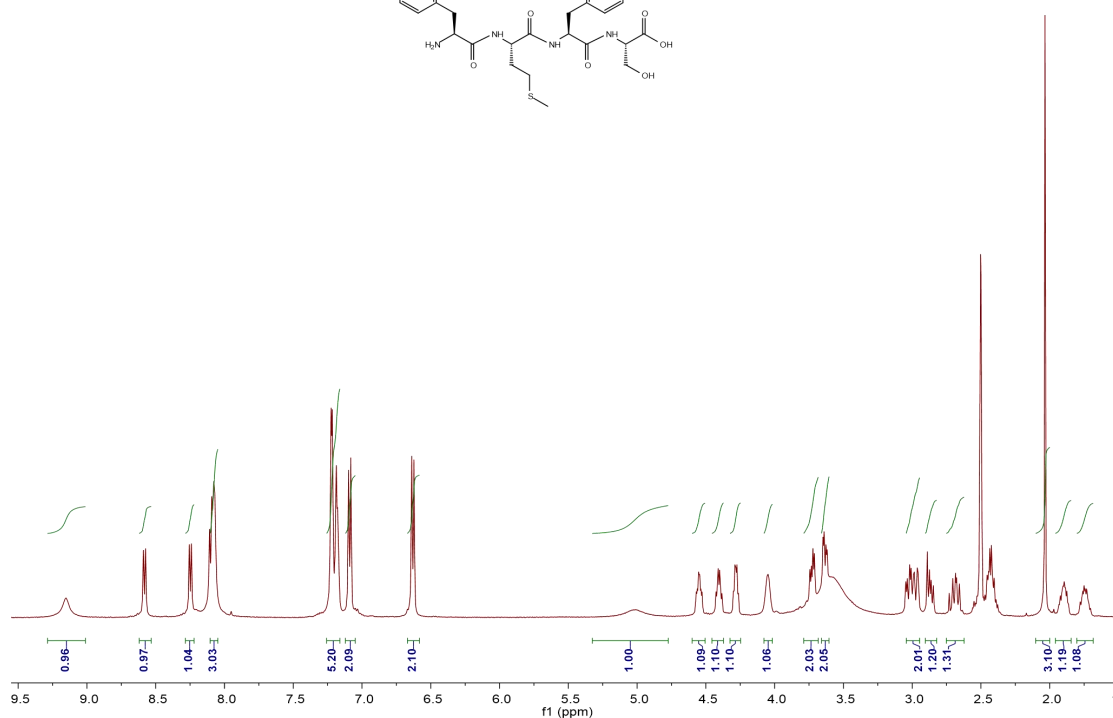
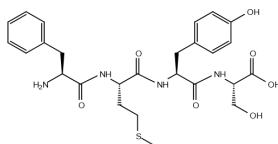




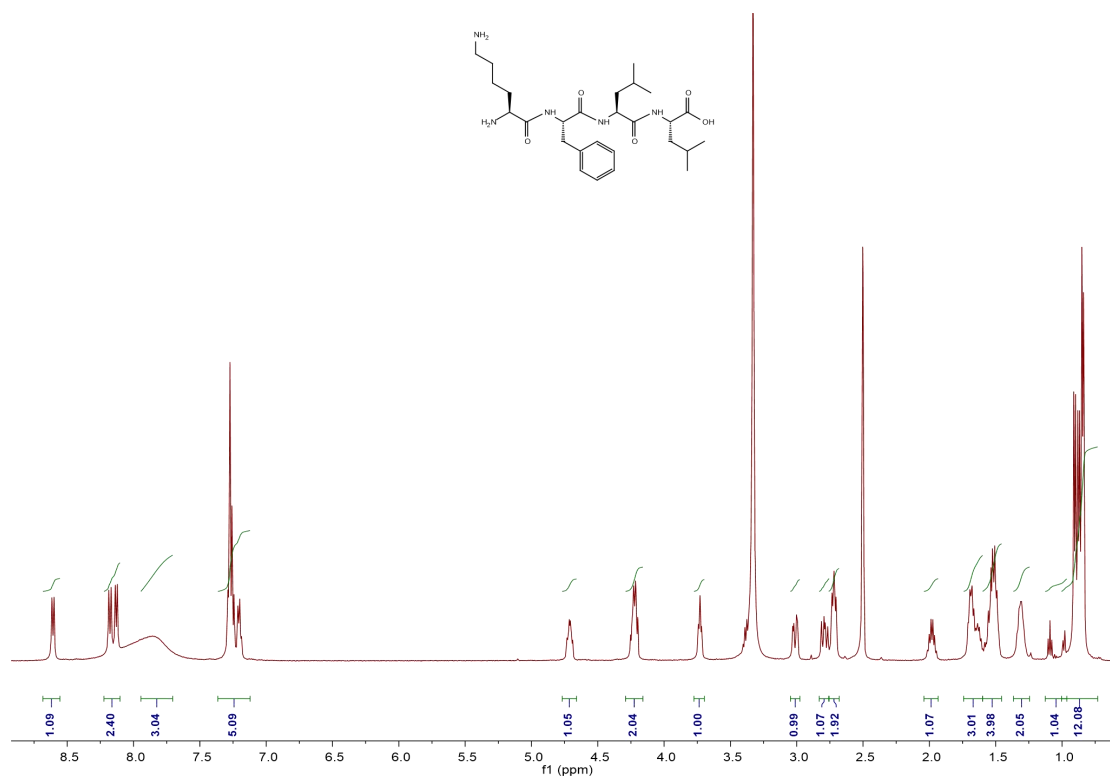
133. Compound **LVPF**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.61 (d,  $J = 8.4$  Hz, 1H), 8.10 – 8.01 (m, 3H), 7.33 – 7.15 (m, 5H), 4.40 – 4.33 (m, 2H), 3.85 (d,  $J = 5.2$  Hz, 1H), 3.68 (dd,  $J = 15.8, 6.7$  Hz, 1H), 3.61 – 3.55 (m, 1H), 3.42 – 3.32 (m, 1H), 3.01 (dd,  $J = 13.8, 5.5$  Hz, 1H), 2.96 – 2.87 (m, 1H), 2.04 – 1.94 (m, 2H), 1.90 (dd,  $J = 13.5, 7.5$  Hz, 1H), 1.82 (dd,  $J = 10.9, 5.2$  Hz, 2H), 1.62 (ddt,  $J = 19.6, 13.0, 6.4$  Hz, 1H), 1.50 (t,  $J = 6.9$  Hz, 2H), 1.09 (t,  $J = 7.0$  Hz, 1H), 0.90 (ddd,  $J = 11.1, 9.9, 5.2$  Hz, 12H).



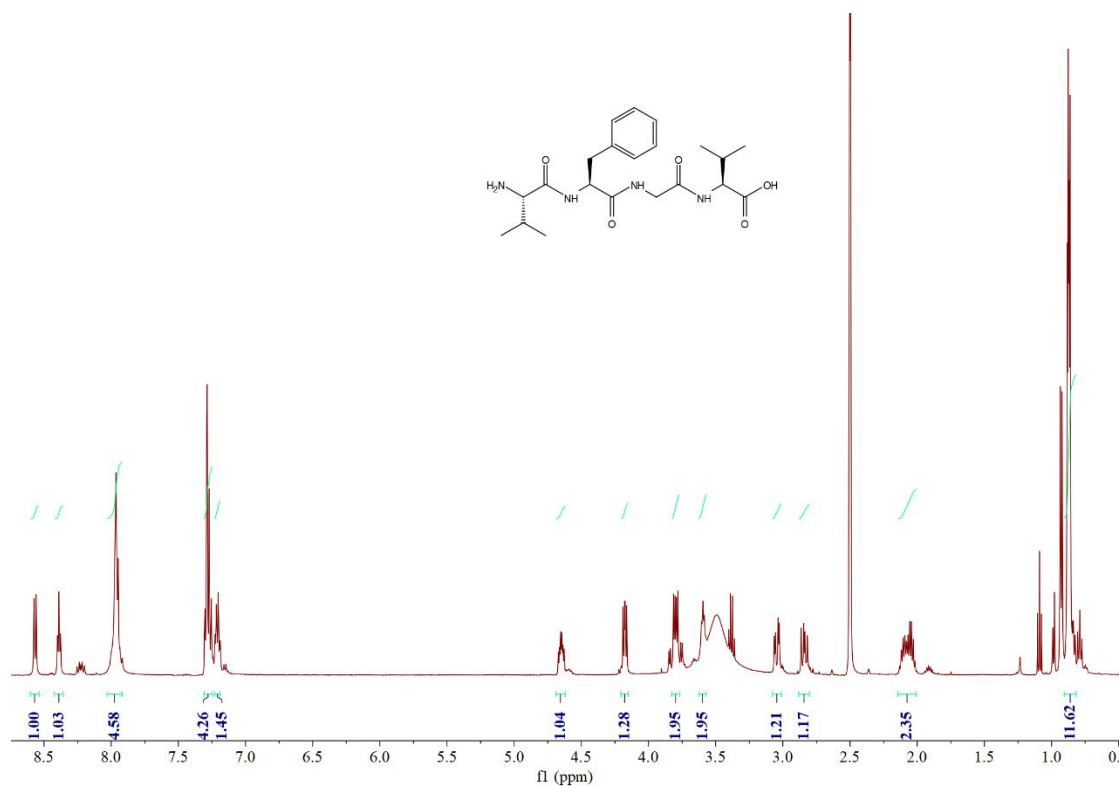
134. Compound **FMYS**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.15 (s, 1H), 8.60 (t,  $J = 14.8$  Hz, 1H), 8.25 (d,  $J = 7.8$  Hz, 1H), 8.08 (d,  $J = 7.3$  Hz, 3H), 7.20 (dd,  $J = 19.2, 4.2$  Hz, 5H), 7.09 (d,  $J = 8.1$  Hz, 2H), 6.63 (d,  $J = 8.1$  Hz, 2H), 5.01 (s, 1H), 4.55 (td,  $J = 8.8, 3.9$  Hz, 1H), 4.40 (dd,  $J = 13.2, 8.1$  Hz, 1H), 4.32 – 4.23 (m, 1H), 4.05 (s, 1H), 3.77 – 3.67 (m, 2H), 3.63 (dd,  $J = 10.7, 3.9$  Hz, 2H), 3.00 (ddd,  $J = 17.2, 13.9, 4.0$  Hz, 2H), 2.87 (dd,  $J = 14.0, 8.0$  Hz, 1H), 2.75 – 2.62 (m, 1H), 2.03 (s, 3H), 1.90 (dt,  $J = 15.0, 5.3$  Hz, 1H), 1.74 (dt,  $J = 18.9, 11.5$  Hz, 1H).



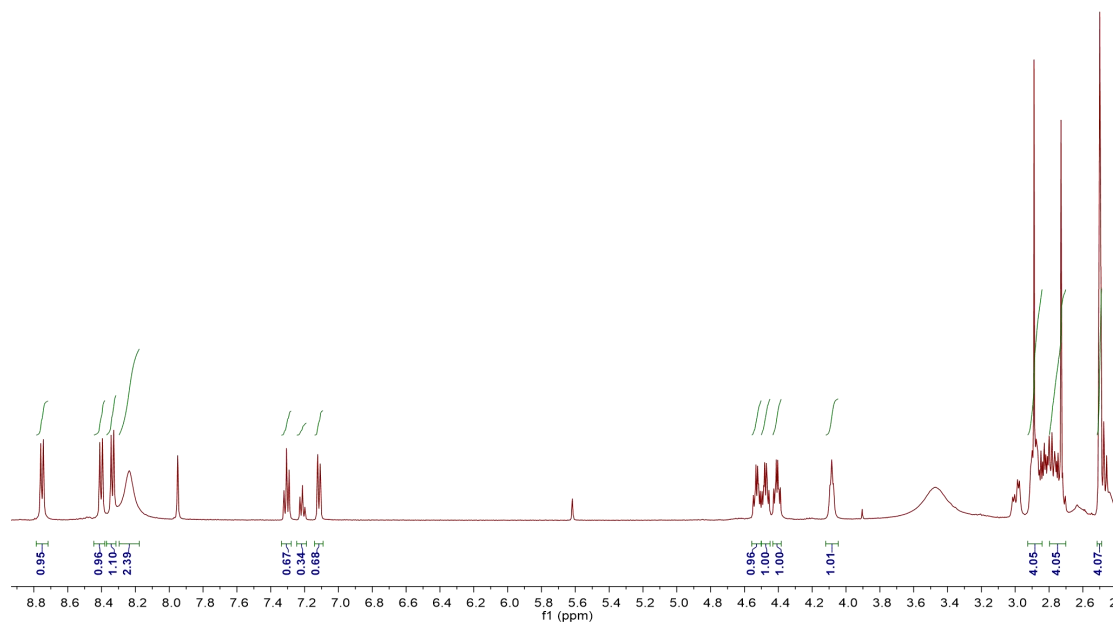
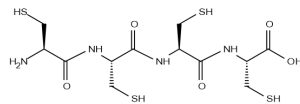
135. Compound **KFLl**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.61 (d,  $J = 8.0$  Hz, 1H), 8.15 (dd,  $J = 23.9, 8.4$  Hz, 2H), 7.86 (s, 4H), 7.36 – 7.12 (m, 5H), 4.71 (dd,  $J = 12.8, 8.5$  Hz, 1H), 4.22 (dd,  $J = 17.1, 10.0$  Hz, 2H), 3.73 (t,  $J = 5.8$  Hz, 1H), 3.38 (dd,  $J = 15.9, 8.9$  Hz, 1H), 3.01 (dd,  $J = 14.0, 4.0$  Hz, 1H), 2.79 (dd,  $J = 13.9, 9.6$  Hz, 1H), 2.76 – 2.68 (m, 2H), 1.97 (dt,  $J = 13.3, 6.7$  Hz, 1H), 1.74 – 1.60 (m, 3H), 1.60 – 1.43 (m, 4H), 1.31 (s, 2H), 1.13 – 0.96 (m, 1H), 1.00 – 0.73 (m, 12H).



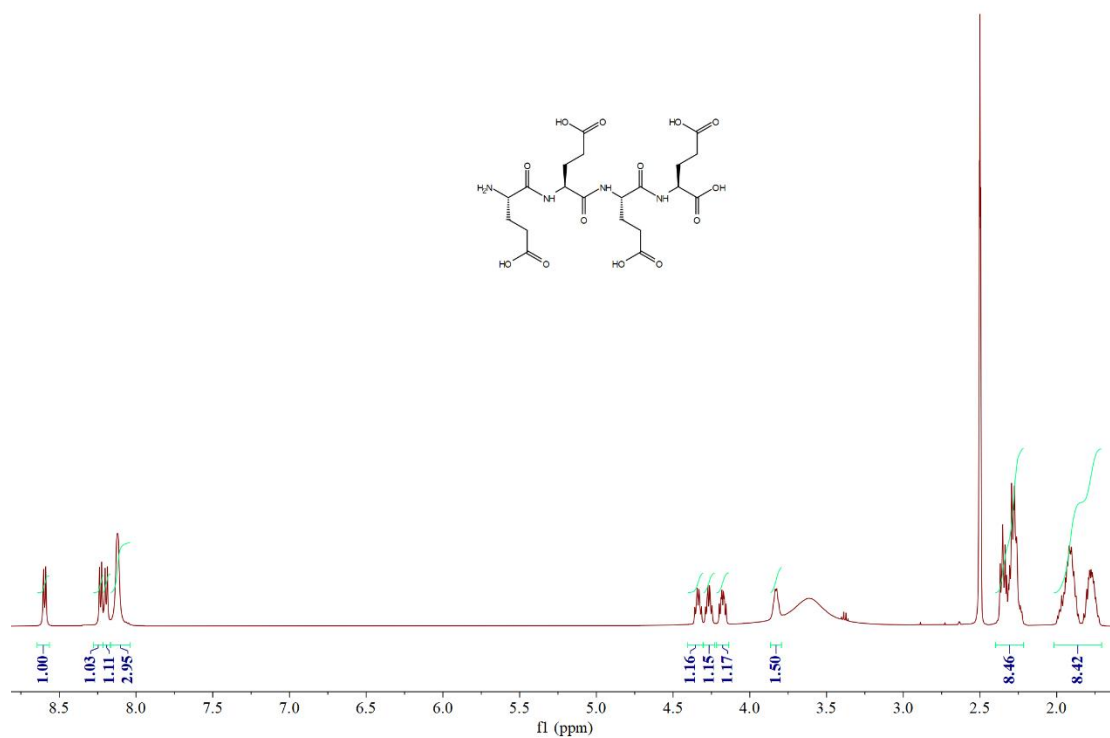
136. Compound **VFGV**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.57 (d, *J* = 8.0 Hz, 1H), 8.39 (t, *J* = 5.7 Hz, 1H), 7.96 (m, 4H), 7.27 (m, 4H), 7.21 (m, 1H), 4.65 (td, *J* = 8.7, 4.6 Hz, 1H), 4.18 (dd, *J* = 8.6, 5.7 Hz, 1H), 3.79 (m, 2H), 3.60 (t, *J* = 5.3 Hz, 2H), 3.04 (dd, *J* = 14.1, 4.6 Hz, 1H), 2.84 (m, 1H), 2.08 (m, 2H), 0.87 (dd, *J* = 6.8, 3.8 Hz, 12H).



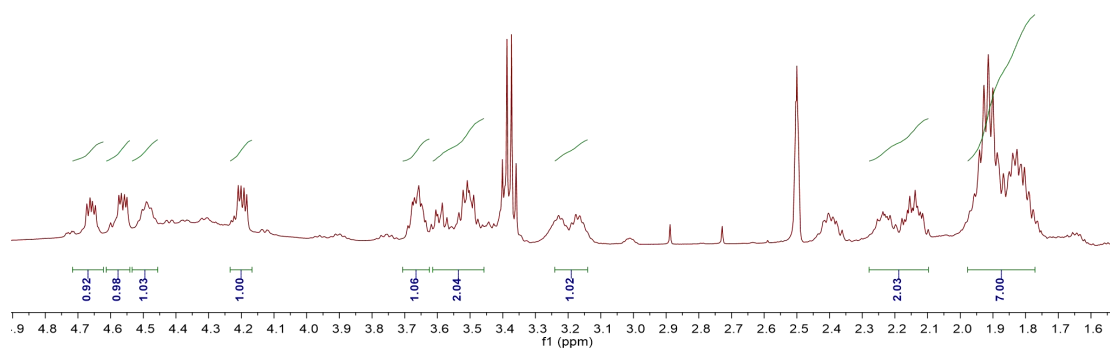
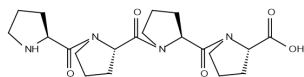
137. Compound CCCC: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.75 (d, J = 7.7 Hz, 1H), 8.40 (d, J = 7.8 Hz, 1H), 8.34 (d, J = 7.8 Hz, 1H), 8.24 (s, 2H), 7.31 (t, J = 7.6 Hz, 1H), 7.12 (dd, J = 7.4, 1.7 Hz, 1H), 4.53 (td, J = 7.6, 4.9 Hz, 1H), 4.48 (td, J = 7.7, 4.9 Hz, 1H), 4.41 (td, J = 7.4, 4.4 Hz, 1H), 4.08 (t, J = 5.5 Hz, 1H), 2.93 – 2.84 (m, 4H), 2.80 – 2.70 (m, 4H).



138. Compound **EEEE**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.60 (d,  $J = 7.5$  Hz, 1H), 8.23 (d,  $J = 7.5$  Hz, 1H), 8.19 (d,  $J = 7.6$  Hz, 1H), 8.12 (d,  $J = 5.2$  Hz, 3H), 4.34 (td,  $J = 8.0, 5.3$  Hz, 1H), 4.27 (td,  $J = 7.9, 5.5$  Hz, 1H), 4.18 (td,  $J = 7.5, 5.2$  Hz), 3.83 (m, 1H), 2.29 (m, 8H), 1.87 (m, 8H).

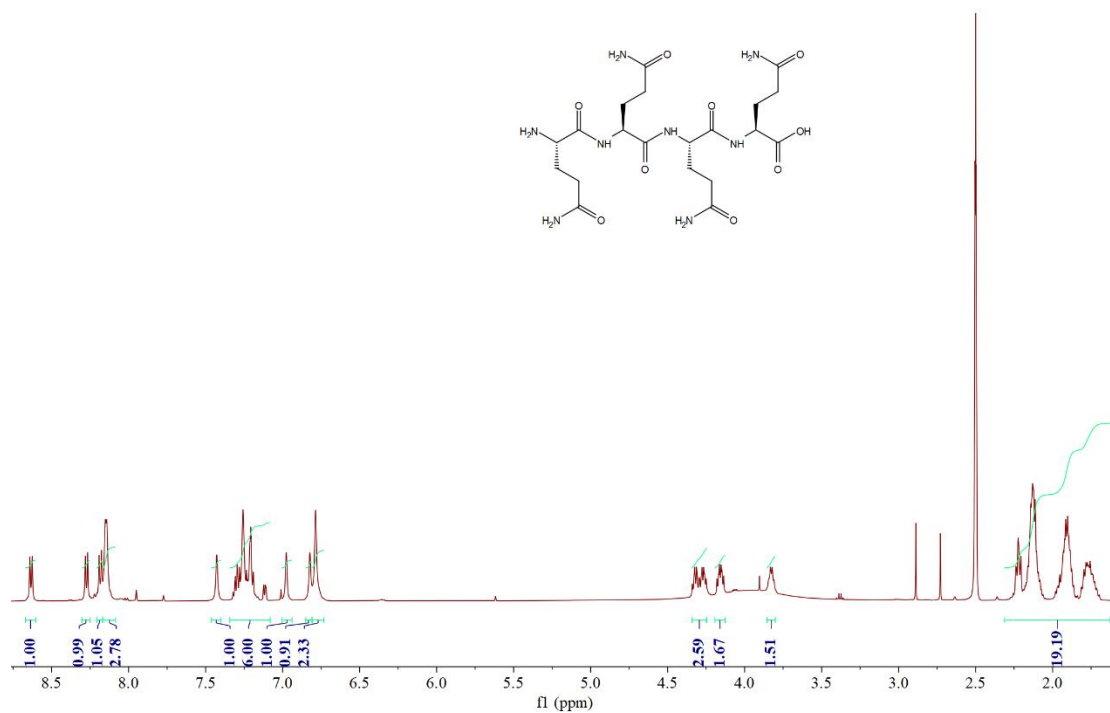
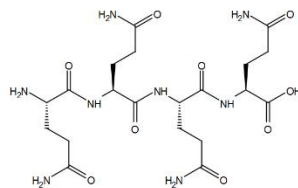


139. Compound **PPPP**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 4.66 (dd, J = 8.6, 4.6 Hz, 1H), 4.61 – 4.54 (m, 1H), 4.49 (t, J = 7.0 Hz, 1H), 4.20 (dt, J = 8.7, 5.3 Hz, 1H), 3.71 – 3.62 (m, 1H), 3.61 – 3.46 (m, 2H), 3.24 – 3.14 (m, 1H), 2.28 – 2.10 (m, 2H), 1.98 – 1.77 (m, 7H).

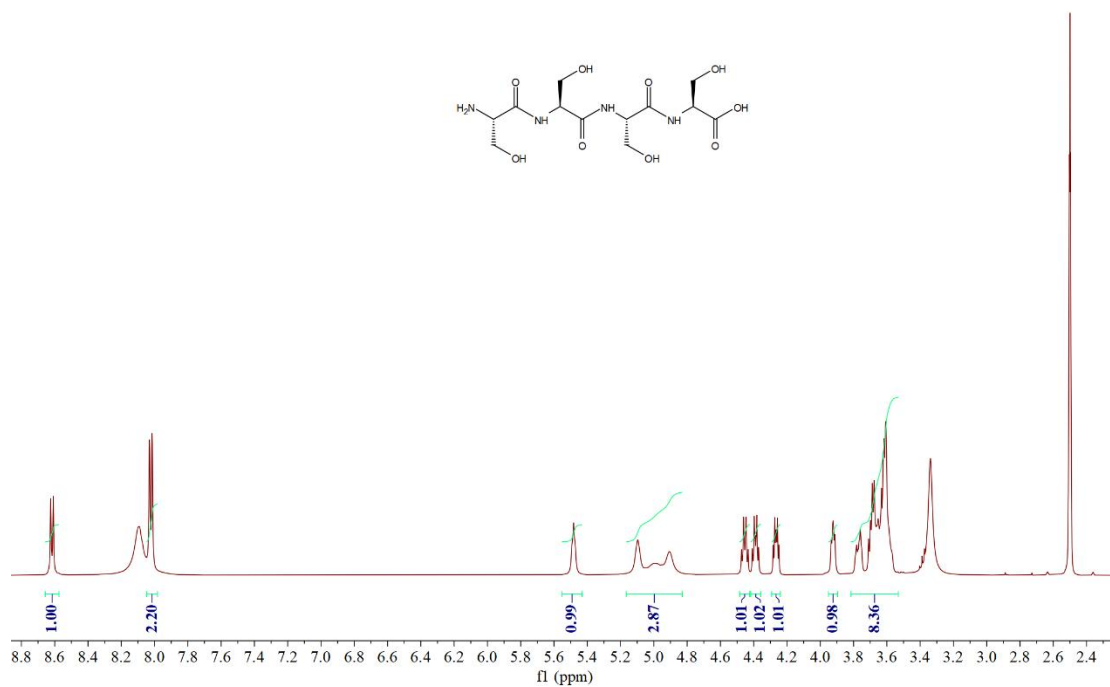
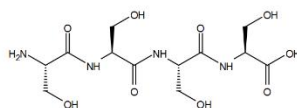


140. Compound **QQQQ**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.63 (d,  $J = 7.6$  Hz, 1H), 8.27 (d,  $J = 7.6$  Hz, 1H), 8.18 (d,  $J = 7.8$  Hz, 1H), 8.15 (d,  $J = 5.4$  Hz, 3H), 7.43 (d,  $J = 2.4$  Hz, 1H), 7.25 (m, 6H), 6.99 (m, 1H), 6.82 (m, 1H), 6.79 (m, 2H), 4.29 (m, 2H), 4.16 (m, 1H), 3.83 (m, 1H), 2.06 (m, 16H).

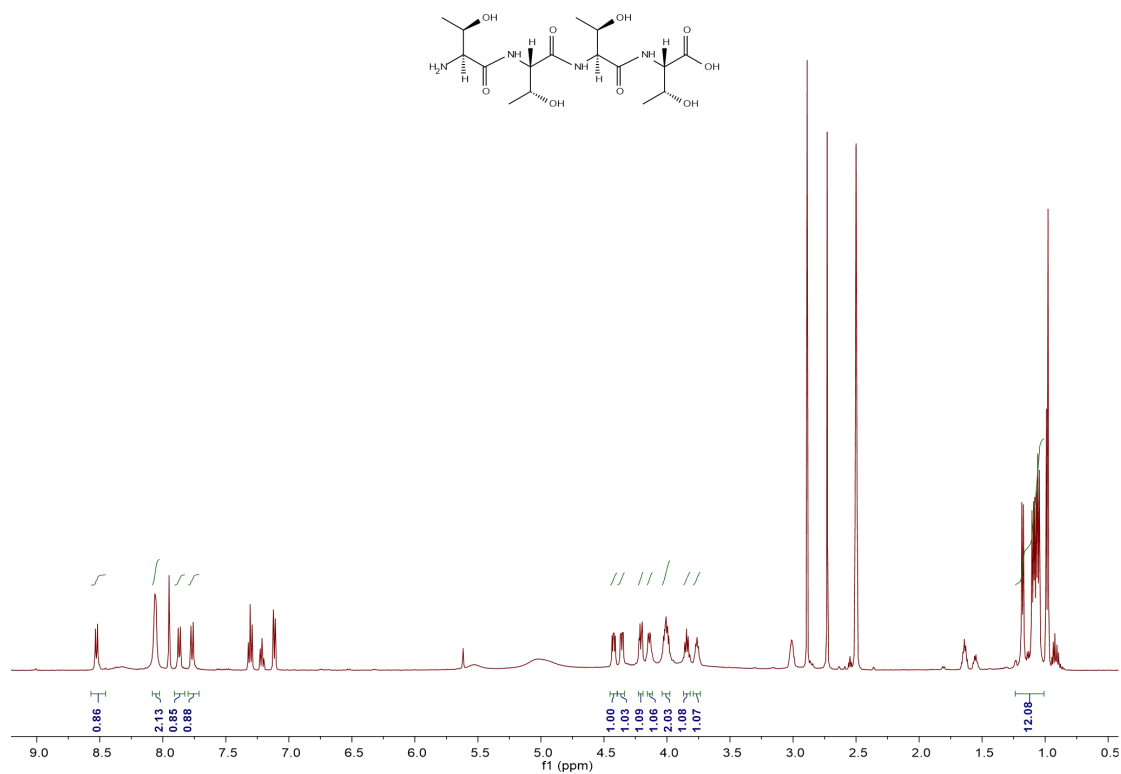




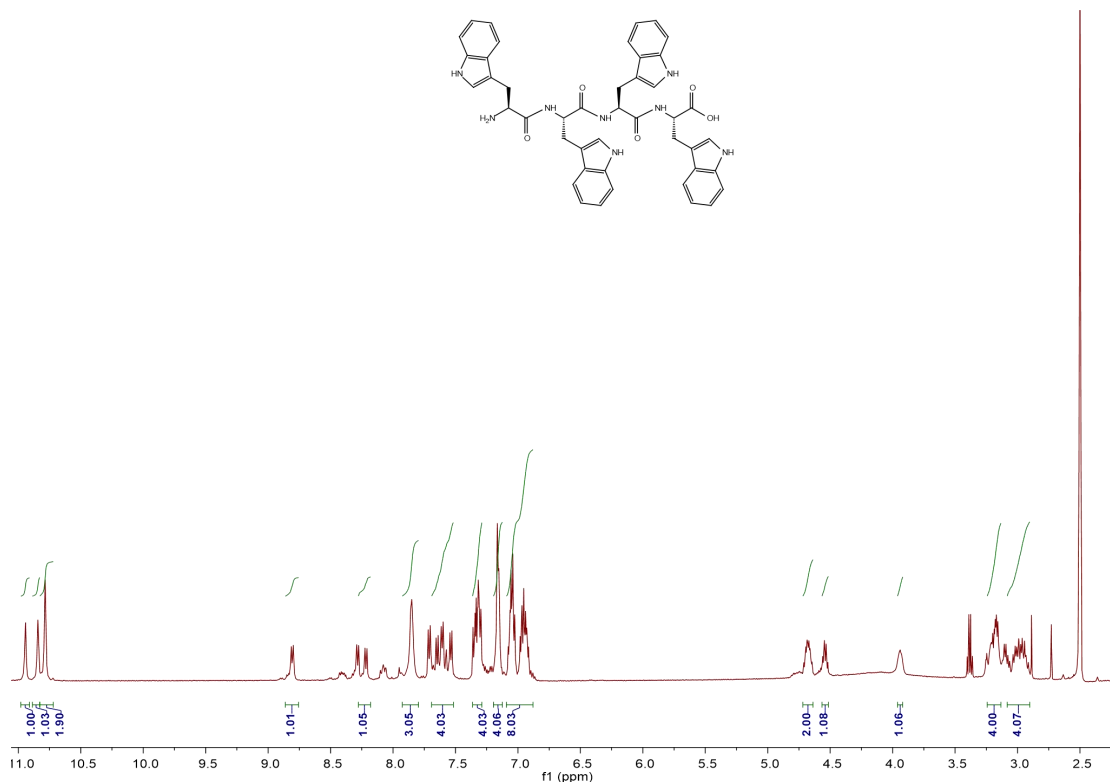
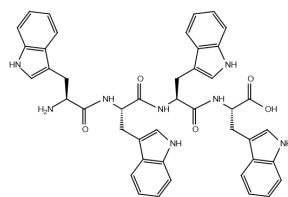
141. Compound **SSSS**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.62 (d, J = 7.8 Hz, 1H), 8.02 (d, J = 7.2 Hz, 2H), 5.49 (d, J = 5.0 Hz, 1H), 5.00 (m, 3H), 4.45 (dt, J = 7.9, 5.8 Hz, 1H), 4.39 (dt, J = 8.0, 5.5 Hz, 1H), 4.27 (dt, J = 7.8, 4.7 Hz, 1H), 3.92 (dd, J = 6.5, 4.3 Hz, 1H), 3.61 (m, 8H).



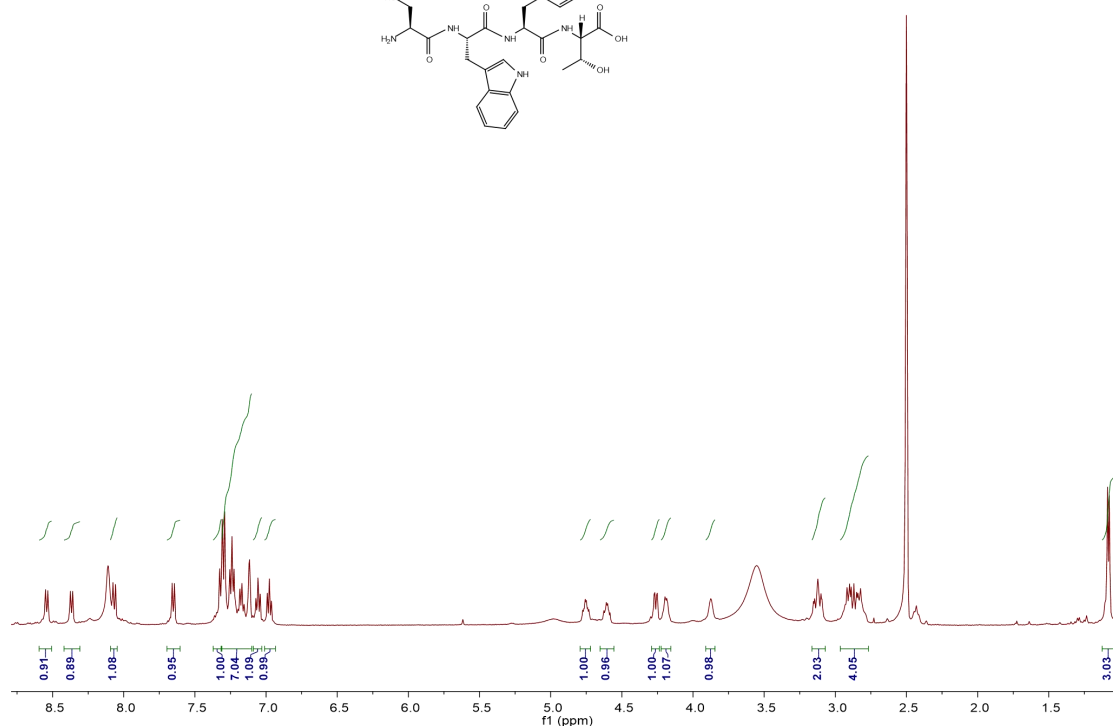
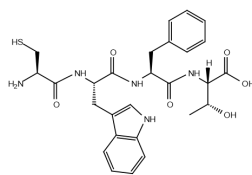
142. Compound **TTTT**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.53 (d, J = 8.1 Hz, 1H), 8.06 (d, J = 5.4 Hz, 2H), 7.87 (d, J = 8.4 Hz, 1H), 7.77 (d, J = 8.7 Hz, 1H), 4.42 (dd, J = 8.2, 4.5 Hz, 1H), 4.36 (dd, J = 8.3, 3.8 Hz, 1H), 4.21 (dd, J = 8.7, 3.1 Hz, 1H), 4.14 (dt, J = 7.9, 4.0 Hz, 1H), 4.01 (ddd, J = 10.6, 6.5, 4.2 Hz, 2H), 3.84 (q, J = 6.5 Hz, 1H), 3.76 (t, J = 6.0 Hz, 1H), 1.24 – 1.01 (m, 12H).



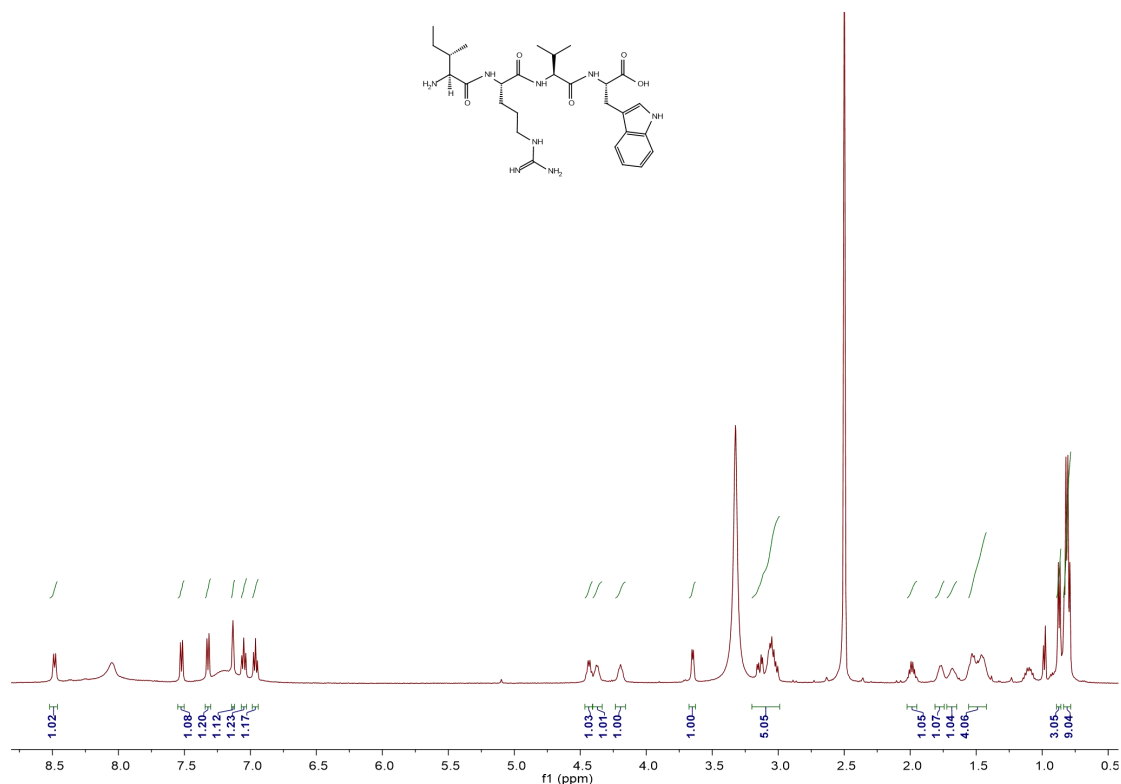
143. Compound **WWWW**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  10.94 (d,  $J = 2.6$  Hz, 1H), 10.84 (s, 1H), 10.79 (t,  $J = 2.7$  Hz, 2H), 8.86 – 8.76 (m, 1H), 8.28 – 8.18 (m, 1H), 7.85 (d,  $J = 5.6$  Hz, 3H), 7.69 – 7.52 (m, 4H), 7.36 – 7.29 (m, 4H), 7.16 (dq,  $J = 7.0, 3.5$  Hz, 4H), 7.09 – 6.88 (m, 8H), 4.68 (dtd,  $J = 16.9, 8.1, 4.9$  Hz, 2H), 4.54 (q,  $J = 7.1$  Hz, 1H), 3.94 (d,  $J = 7.6$  Hz, 1H), 3.19 (ddt,  $J = 18.7, 9.9, 4.1$  Hz, 4H), 3.08 – 2.90 (m, 4H).



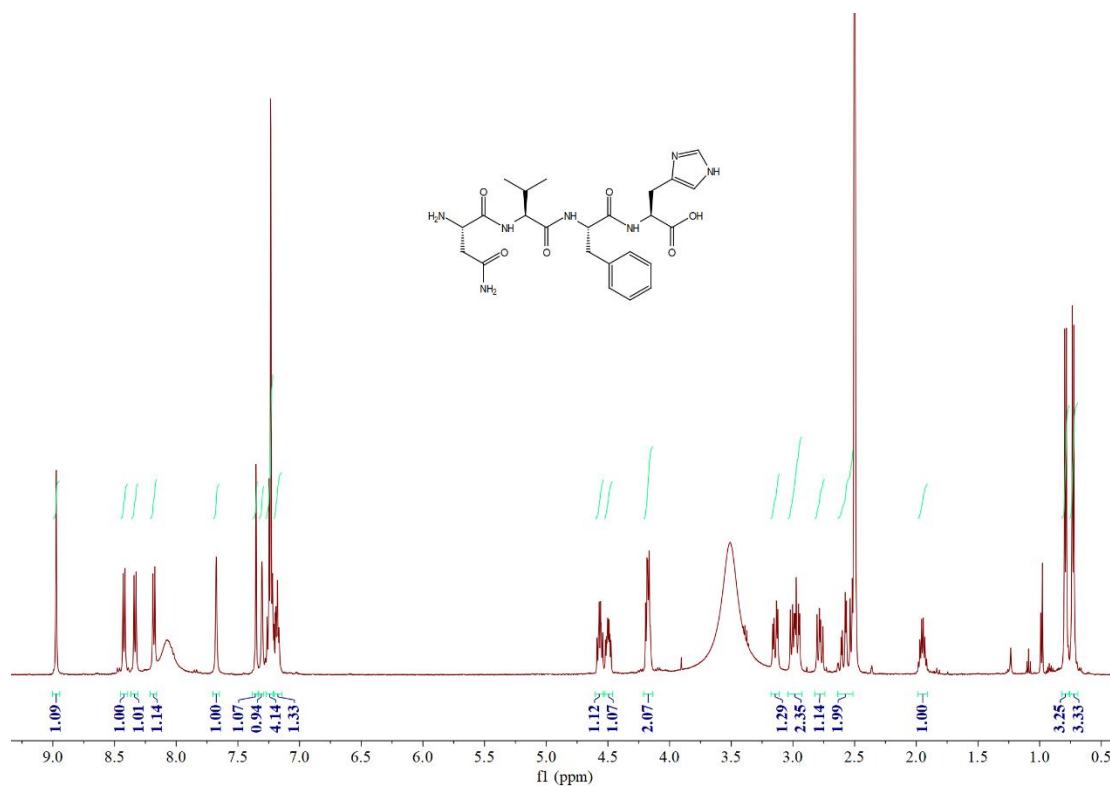
144. Compound **CWFT**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.54 (d,  $J = 8.1$  Hz, 1H), 8.37 (d,  $J = 8.2$  Hz, 1H), 8.07 (d,  $J = 8.7$  Hz, 1H), 7.65 (d,  $J = 7.9$  Hz, 1H), 7.33 (s, 1H), 7.31 – 7.10 (m, 7H), 7.06 (t,  $J = 7.5$  Hz, 1H), 6.98 (t,  $J = 7.4$  Hz, 1H), 4.75 (td,  $J = 8.9, 4.1$  Hz, 1H), 4.60 (td,  $J = 8.7, 4.4$  Hz, 1H), 4.26 (dd,  $J = 8.7, 3.1$  Hz, 1H), 4.22 – 4.16 (m, 1H), 3.88 (s, 1H), 3.12 (ddd,  $J = 15.0, 11.9, 4.5$  Hz, 2H), 2.88 (ddd,  $J = 32.9, 15.2, 8.4$  Hz, 4H), 1.08 (d,  $J = 6.4$  Hz, 3H).



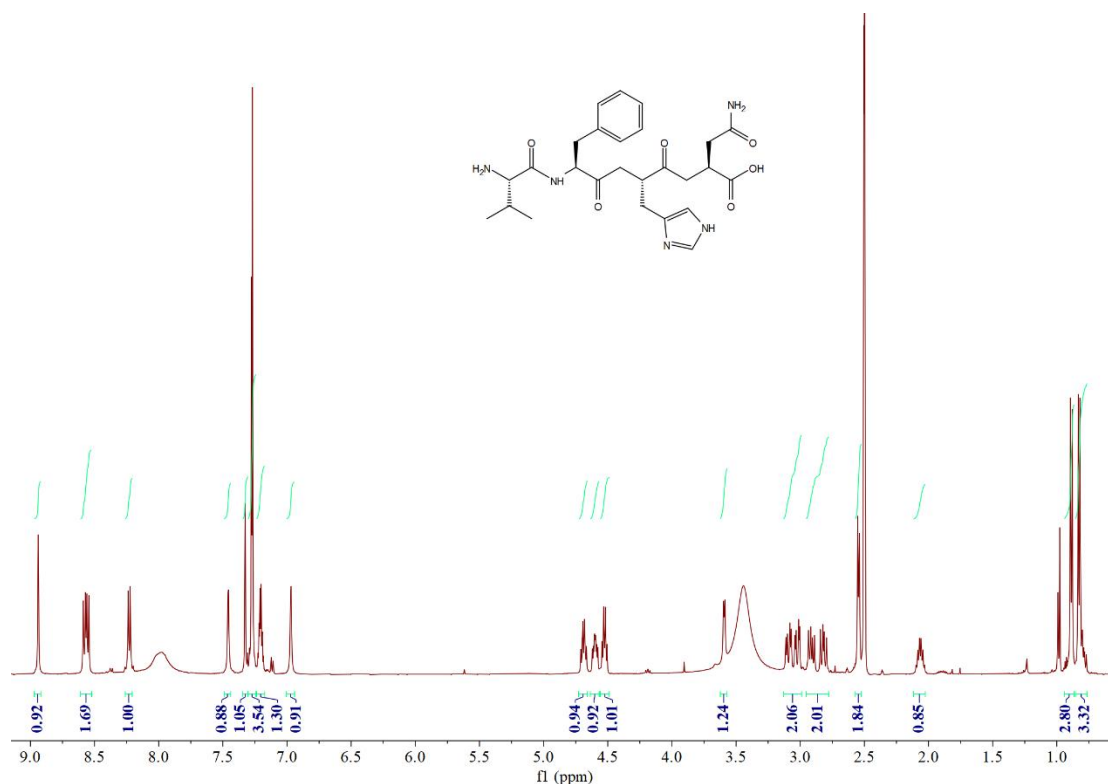
145. Compound **IRVW**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.48 (d,  $J = 7.8$  Hz, 1H), 7.52 (d,  $J = 7.9$  Hz, 1H), 7.32 (d,  $J = 8.1$  Hz, 1H), 7.13 (d,  $J = 2.3$  Hz, 1H), 7.05 (t,  $J = 7.5$  Hz, 1H), 6.96 (t,  $J = 7.5$  Hz, 1H), 4.47 – 4.41 (m, 1H), 4.37 (d,  $J = 7.3$  Hz, 1H), 4.19 (t,  $J = 7.8$  Hz, 1H), 3.65 (d,  $J = 5.6$  Hz, 1H), 3.20 – 2.99 (m, 5H), 1.99 (h,  $J = 7.1$  Hz, 1H), 1.77 (d,  $J = 9.1$  Hz, 1H), 1.68 (s, 1H), 1.56 – 1.42 (m, 4H), 0.87 (d,  $J = 6.9$  Hz, 3H), 0.81 (q,  $J = 7.1$  Hz, 9H).



146. Compound **NVFH**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.97 (d, *J* = 1.4 Hz, 1H), 8.42 (d, *J* = 8.0 Hz, 1H), 8.33 (d, *J* = 8.6 Hz, 1H), 8.18 (d, *J* = 8.0 Hz, 1H), 7.68 (d, *J* = 2.2 Hz, 1H), 7.35 (d, *J* = 1.3 Hz, 1H), 7.30 (d, *J* = 2.2 Hz, 1H), 7.24 (m, 4H), 7.18 (m, 1H), 4.57 (m, 1H), 4.50 (m, 1H), 4.18 (dd, *J* = 8.5, 5.8 Hz, 2H), 3.14 (dd, *J* = 15.3, 5.5 Hz, 1H), 2.98 (m, 2H), 2.78 (dd, *J* = 14.1, 9.5 Hz, 1H), 2.56 (m, 2H), 1.94 (m, 1H), 0.79 (d, *J* = 6.8 Hz, 3H), 0.73 (d, *J* = 6.8 Hz, 3H).

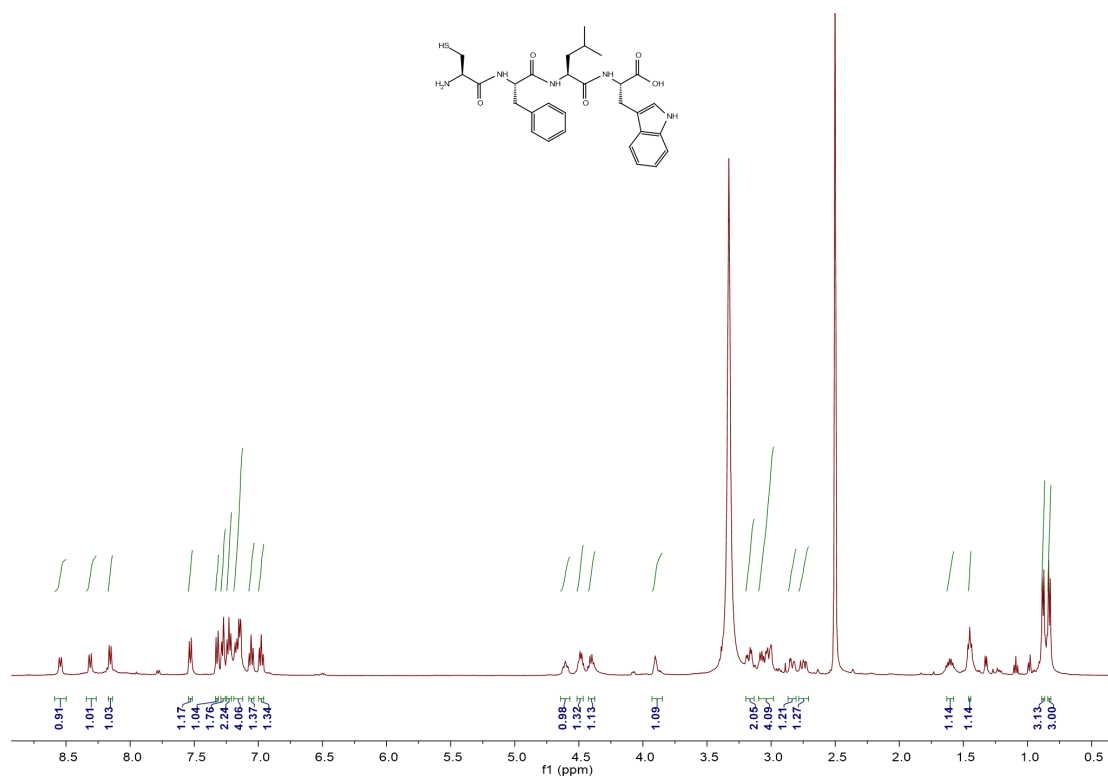


147. Compound **VFHN**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.94 (d, *J* = 1.4 Hz, 1H), 8.57 (dd, *J* = 13.4, 8.0 Hz, 2H), 8.23 (d, *J* = 8.0 Hz, 1H), 7.46 (d, *J* = 2.4 Hz, 1H), 7.33 (m, 1H), 7.27 (d, *J* = 4.3 Hz, 4H), 7.21 (m, 1H), 6.97 (d, *J* = 2.4 Hz, 1H), 4.69 (td, *J* = 8.2, 5.6 Hz, 1H), 4.60 (m, 1H), 4.53 (dt, *J* = 8.0, 5.9 Hz, 1H), 3.59 (d, *J* = 5.2 Hz, 1H), 3.06 (m, 2H), 2.87 (m, 2H), 2.55 (d, *J* = 6.0 Hz, 2H), 2.06 (m, 1H), 0.89 (d, *J* = 6.9 Hz, 3H), 0.83 (d, *J* = 6.9 Hz, 3H).

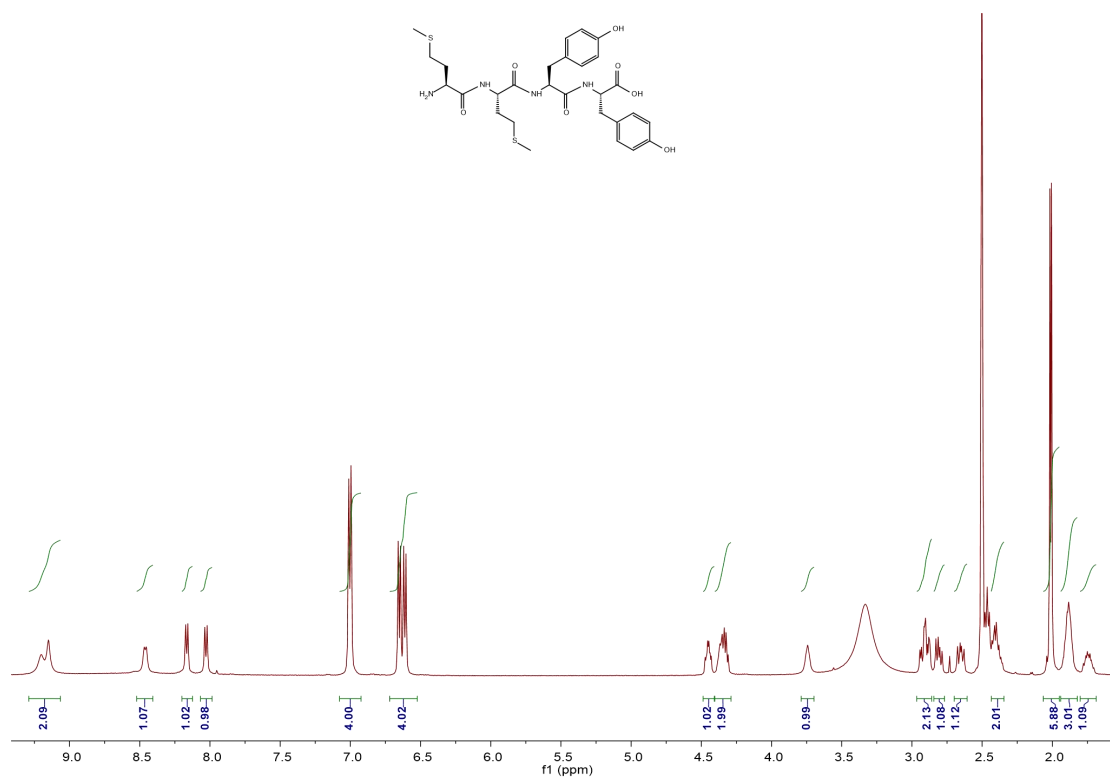


148. Compound **CFLW**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.55 (d,  $J = 8.1$  Hz, 1H), 8.31 (d,  $J = 8.4$  Hz, 1H), 8.16 (d,  $J = 7.6$  Hz, 1H), 7.53 (d,  $J = 7.9$  Hz, 1H), 7.32 (d,  $J = 8.0$  Hz, 1H), 7.28 (d,  $J = 7.4$  Hz, 2H), 7.25 – 7.21 (m, 2H), 7.16 (dd,  $J = 14.0, 6.7$  Hz, 4H), 7.06 (t,  $J = 7.5$  Hz, 1H), 6.98 (t,  $J = 7.4$  Hz, 1H), 4.64 – 4.57 (m, 1H), 4.48 (d,  $J = 6.0$  Hz, 1H), 4.42 – 4.38 (m, 1H), 3.93 – 3.85 (m, 1H), 3.17 (dd,  $J = 14.7, 5.3$  Hz, 2H), 3.10 – 2.98 (m, 4H), 2.84 (dd,  $J = 14.6, 4.0$  Hz, 1H), 2.78 – 2.71 (m, 1H), 1.60 (dd,  $J = 13.3, 6.6$  Hz, 1H), 1.45 (s, 1H), 0.88 (d,  $J = 6.5$  Hz, 3H), 0.83 (d,  $J = 6.5$  Hz, 3H).

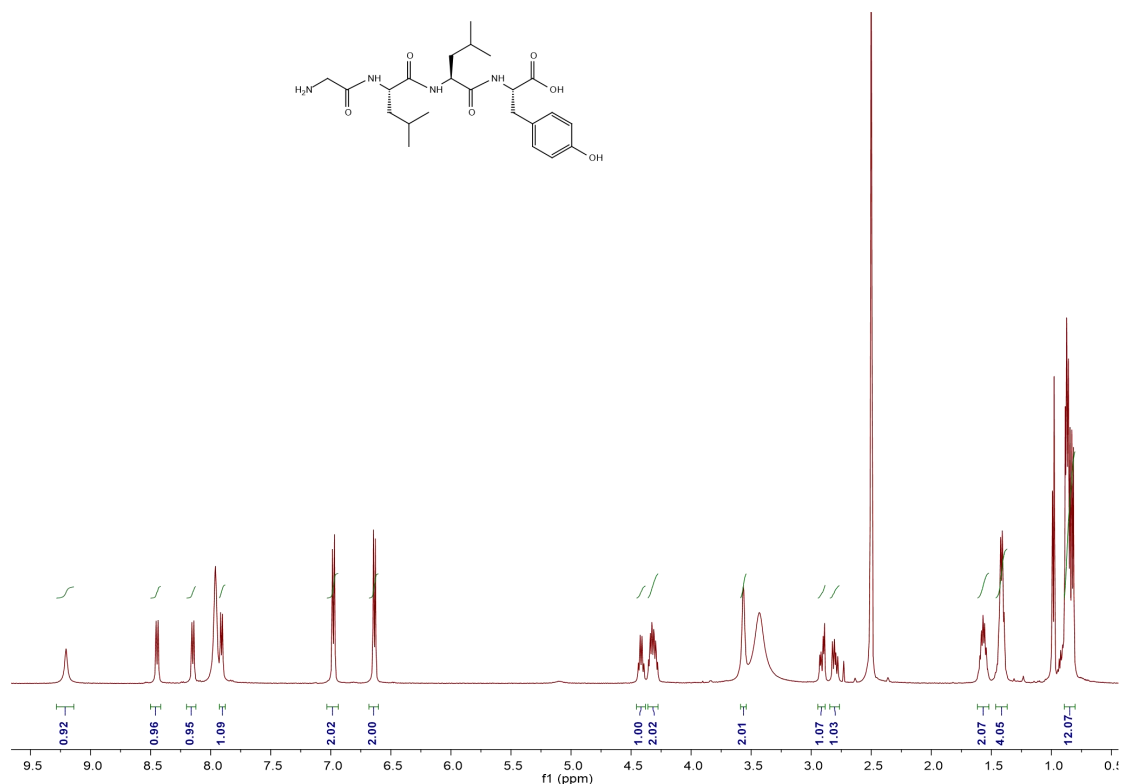
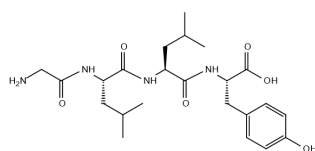




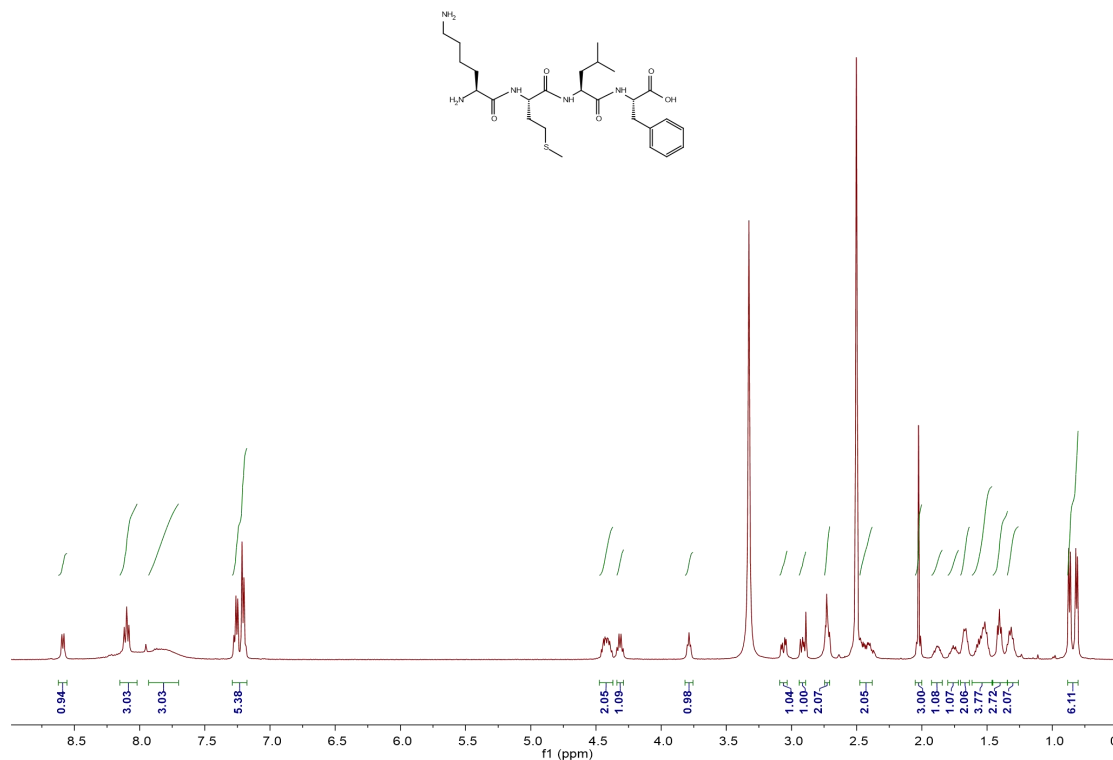
149. Compound **MMYY**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  9.18 (d,  $J$  = 25.7 Hz, 2H), 8.46 (d,  $J$  = 6.8 Hz, 1H), 8.17 (d,  $J$  = 7.6 Hz, 1H), 8.03 (d,  $J$  = 8.1 Hz, 1H), 7.00 (d,  $J$  = 7.8 Hz, 4H), 6.63 (dd,  $J$  = 19.8, 8.2 Hz, 4H), 4.45 (td,  $J$  = 8.6, 4.6 Hz, 1H), 4.40 – 4.29 (m, 2H), 3.74 (s, 1H), 2.97 – 2.86 (m, 2H), 2.81 (dd,  $J$  = 13.9, 7.9 Hz, 1H), 2.65 (dd,  $J$  = 14.0, 9.4 Hz, 1H), 2.43 – 2.34 (m, 2H), 2.02 (t,  $J$  = 8.5 Hz, 6H), 1.89 (d,  $J$  = 5.1 Hz, 3H), 1.80 – 1.69 (m, 1H).



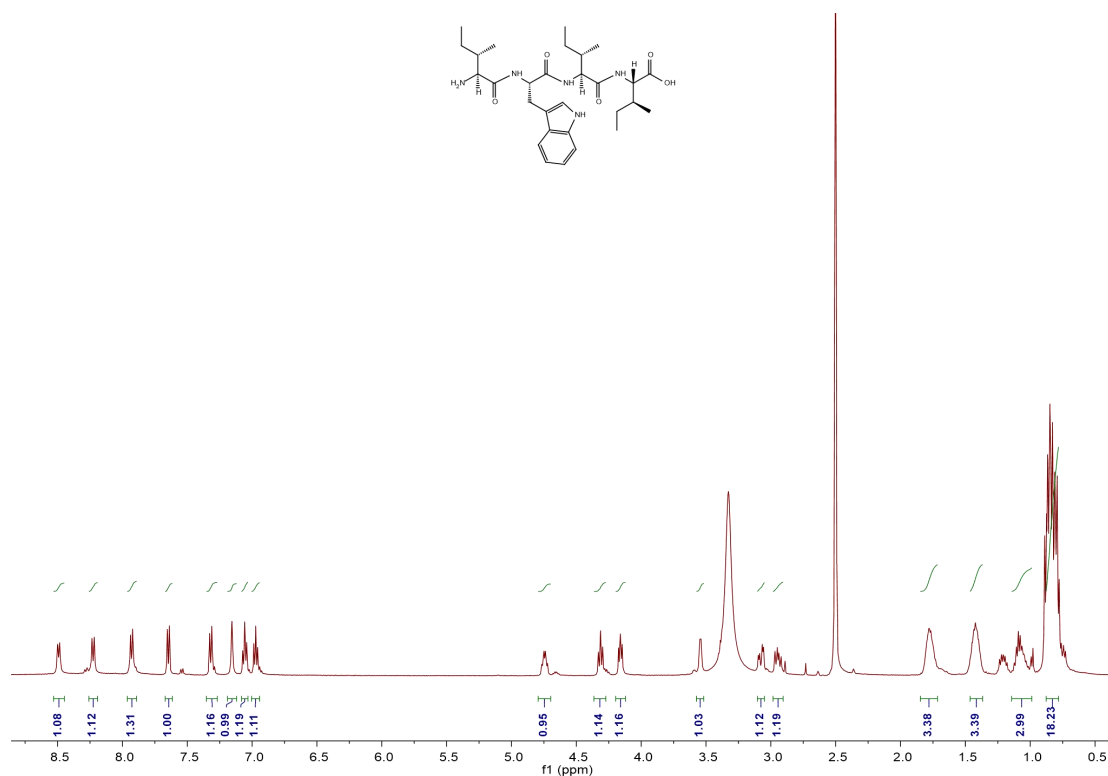
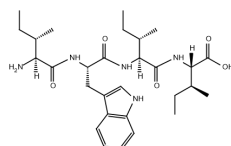
150. Compound **GLLY**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  9.20 (s, 1H), 8.45 (d,  $J = 8.3$  Hz, 1H), 7.91 (d,  $J = 7.6$  Hz, 1H), 6.98 (d,  $J = 8.1$  Hz, 2H), 6.64 (d,  $J = 8.0$  Hz, 2H), 4.42 (q,  $J = 7.7$  Hz, 1H), 4.36 – 4.27 (m, 2H), 3.57 (s, 2H), 2.91 (dd,  $J = 14.4$ , 5.6 Hz, 1H), 2.80 (dd,  $J = 14.1$ , 8.1 Hz, 1H), 1.57 (dt,  $J = 13.5$ , 6.7 Hz, 2H), 1.42 (q,  $J = 7.4$  Hz, 4H), 0.89 – 0.80 (m, 12H).



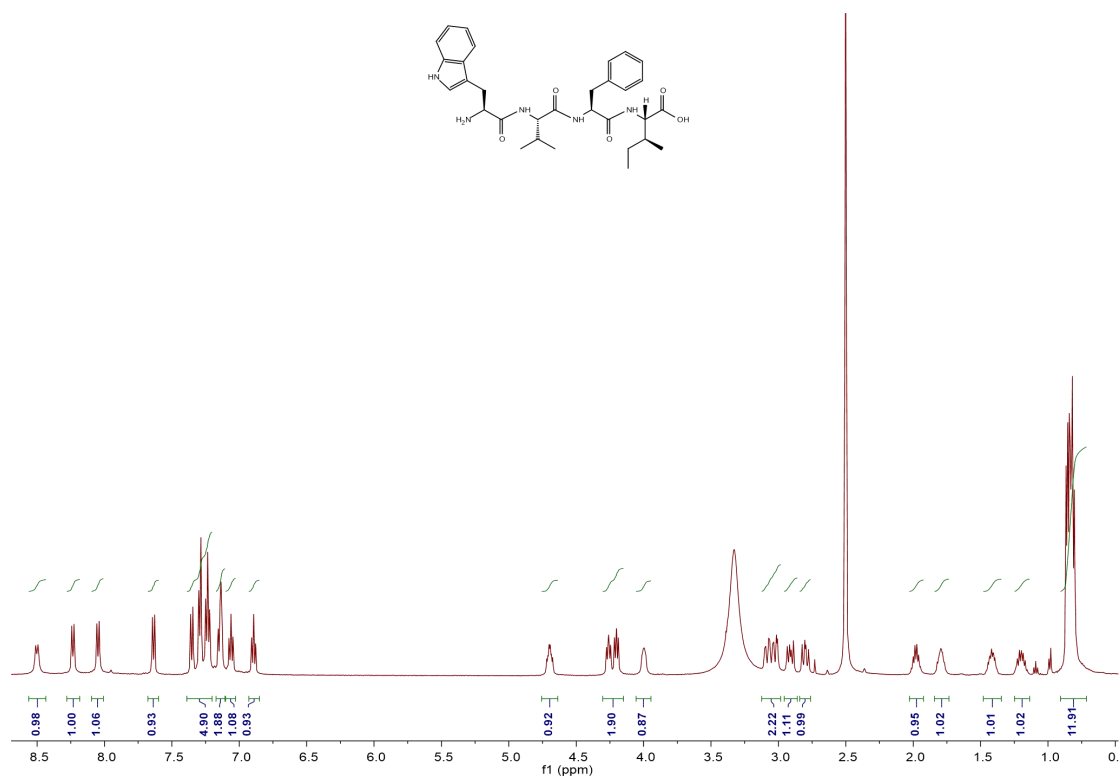
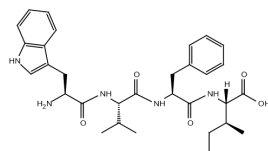
151. Compound **KMLF**:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.59 (d,  $J = 7.9$  Hz, 1H), 8.10 (t,  $J = 8.9$  Hz, 3H), 7.93 – 7.70 (m, 3H), 7.23 (dd,  $J = 23.6, 7.2$  Hz, 5H), 4.42 (dtd,  $J = 17.6, 8.3, 5.0$  Hz, 2H), 4.32 (q,  $J = 7.8$  Hz, 1H), 3.79 (t,  $J = 6.5$  Hz, 1H), 3.06 (dd,  $J = 14.0, 5.2$  Hz, 1H), 2.94 – 2.89 (m, 1H), 2.73 (q,  $J = 7.1, 6.0$  Hz, 2H), 2.44 (ddd,  $J = 21.8, 10.3, 5.5$  Hz, 2H), 2.03 (s, 3H), 1.88 (ddt,  $J = 15.3, 10.9, 5.4$  Hz, 1H), 1.76 (qd,  $J = 9.2, 4.7$  Hz, 1H), 1.67 (q,  $J = 7.4$  Hz, 2H), 1.54 (dp,  $J = 23.5, 7.1$  Hz, 4H), 1.41 (t,  $J = 7.3$  Hz, 3H), 1.32 (t,  $J = 7.8$  Hz, 2H), 0.84 (dd,  $J = 27.4, 6.5$  Hz, 6H).



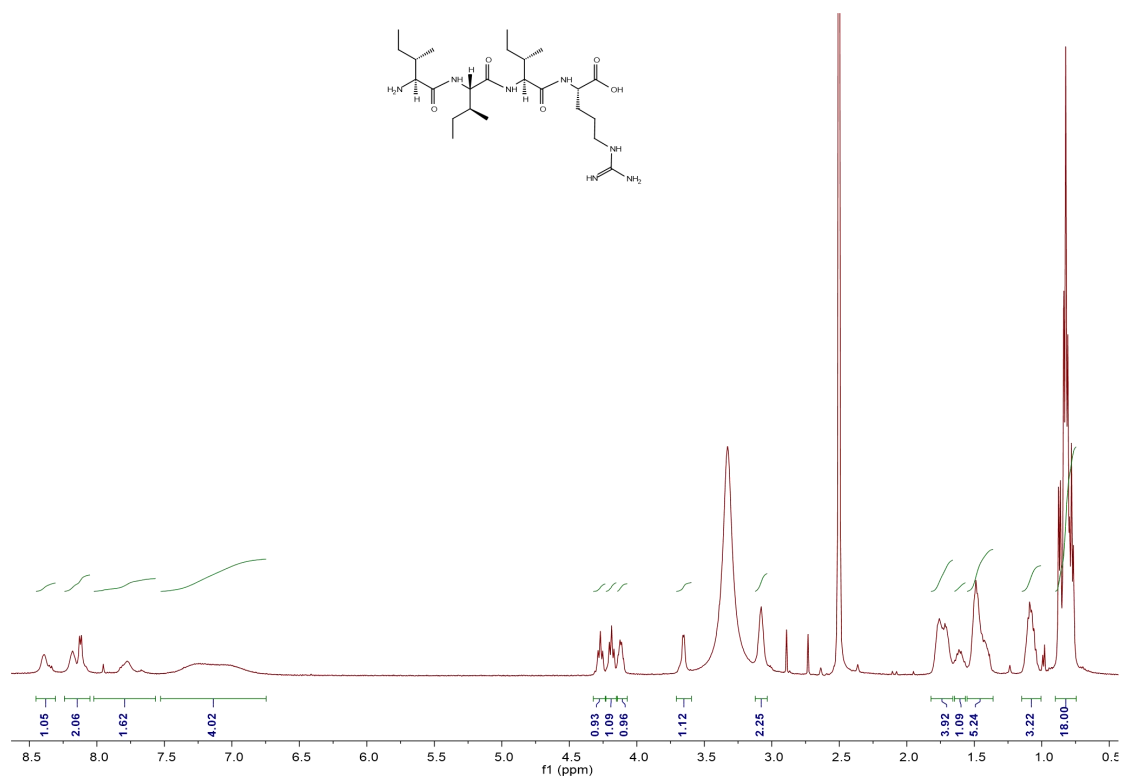
152. Compound **IWII**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.49 (d,  $J = 7.8$  Hz, 1H), 8.23 (d,  $J = 8.9$  Hz, 1H), 7.92 (t,  $J = 10.0$  Hz, 1H), 7.65 (d,  $J = 7.8$  Hz, 1H), 7.31 (t,  $J = 9.3$  Hz, 1H), 7.16 (s, 1H), 7.06 (t,  $J = 7.5$  Hz, 1H), 6.96 (dd,  $J = 14.8, 7.5$  Hz, 1H), 4.74 (dd,  $J = 13.4, 8.2$  Hz, 1H), 4.31 (dd,  $J = 16.6, 8.3$  Hz, 1H), 4.20 – 4.12 (m, 1H), 3.54 (d,  $J = 4.4$  Hz, 1H), 3.08 (dd,  $J = 14.8, 5.0$  Hz, 1H), 2.94 (dd,  $J = 14.8, 8.7$  Hz, 1H), 1.80 (t,  $J = 18.9$  Hz, 3H), 1.43 (dd,  $J = 15.1, 9.4$  Hz, 3H), 1.14 – 0.99 (m, 3H), 0.88 – 0.78 (m, 18H).



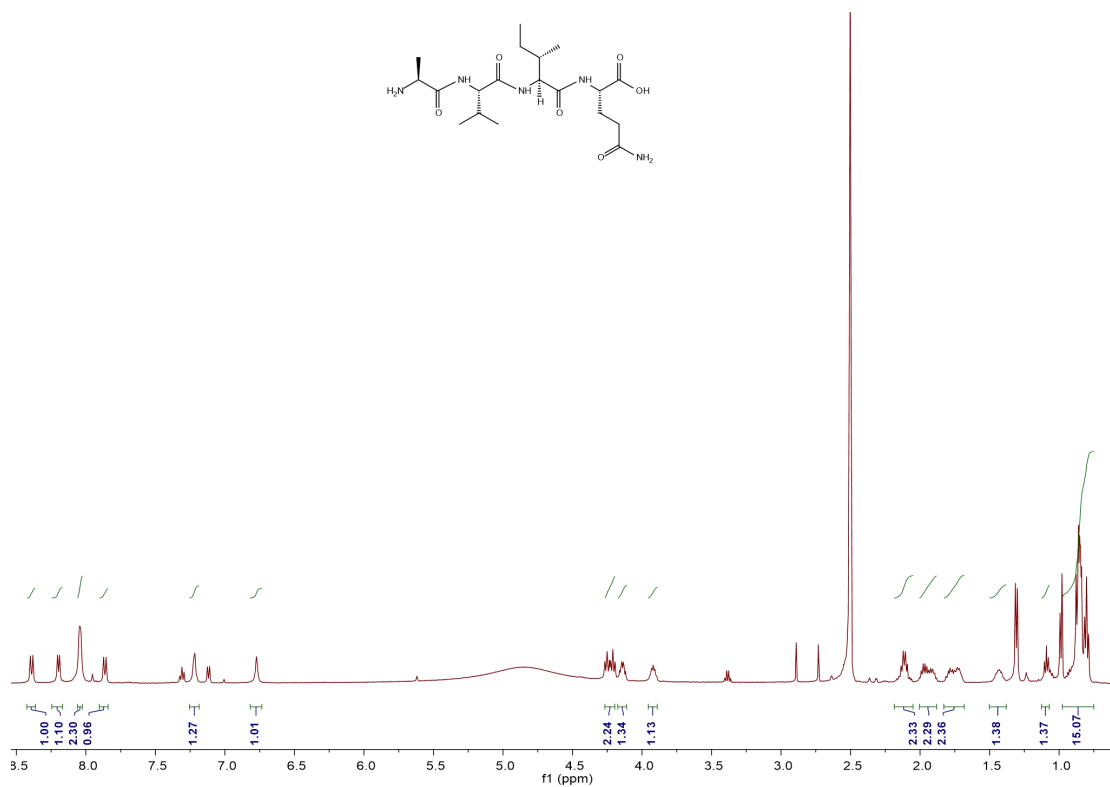
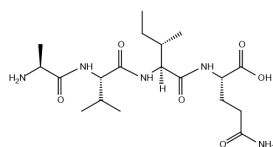
153. Compound **WVFI**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.50 (d,  $J = 8.6$  Hz, 1H), 8.23 (d,  $J = 8.1$  Hz, 1H), 8.05 (d,  $J = 8.4$  Hz, 1H), 7.64 (d,  $J = 8.0$  Hz, 1H), 7.39 – 7.20 (m, 5H), 7.15 (d,  $J = 9.8$  Hz, 2H), 7.06 (t,  $J = 7.5$  Hz, 1H), 6.89 (t,  $J = 7.4$  Hz, 1H), 4.70 (td,  $J = 9.0, 4.6$  Hz, 1H), 4.30 – 4.15 (m, 2H), 3.99 (s, 1H), 3.05 (ddd,  $J = 29.0, 14.3, 4.0$  Hz, 2H), 2.91 (dd,  $J = 14.3, 8.5$  Hz, 1H), 2.80 (dd,  $J = 13.8, 10.0$  Hz, 1H), 1.98 (dq,  $J = 13.2, 6.7$  Hz, 1H), 1.80 (t,  $J = 13.1$  Hz, 1H), 1.48 – 1.35 (m, 1H), 1.19 (dt,  $J = 21.1, 7.6$  Hz, 1H), 0.91 – 0.72 (m, 12H).



154. Compound **IIIR**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.45 – 8.31 (m, 1H), 8.24 – 8.05 (m, 2H), 7.80 (t,  $J = 70.3$  Hz, 2H), 7.24 (s, 4H), 4.27 (t,  $J = 8.5$  Hz, 1H), 4.19 (t,  $J = 8.5$  Hz, 1H), 4.12 (d,  $J = 5.8$  Hz, 1H), 3.65 (d,  $J = 4.3$  Hz, 1H), 3.08 (s, 2H), 1.74 (d,  $J = 20.9$  Hz, 4H), 1.65 – 1.57 (m, 1H), 1.55 – 1.36 (m, 5H), 1.15 – 1.01 (m, 3H), 0.90 – 0.74 (m, 18H).

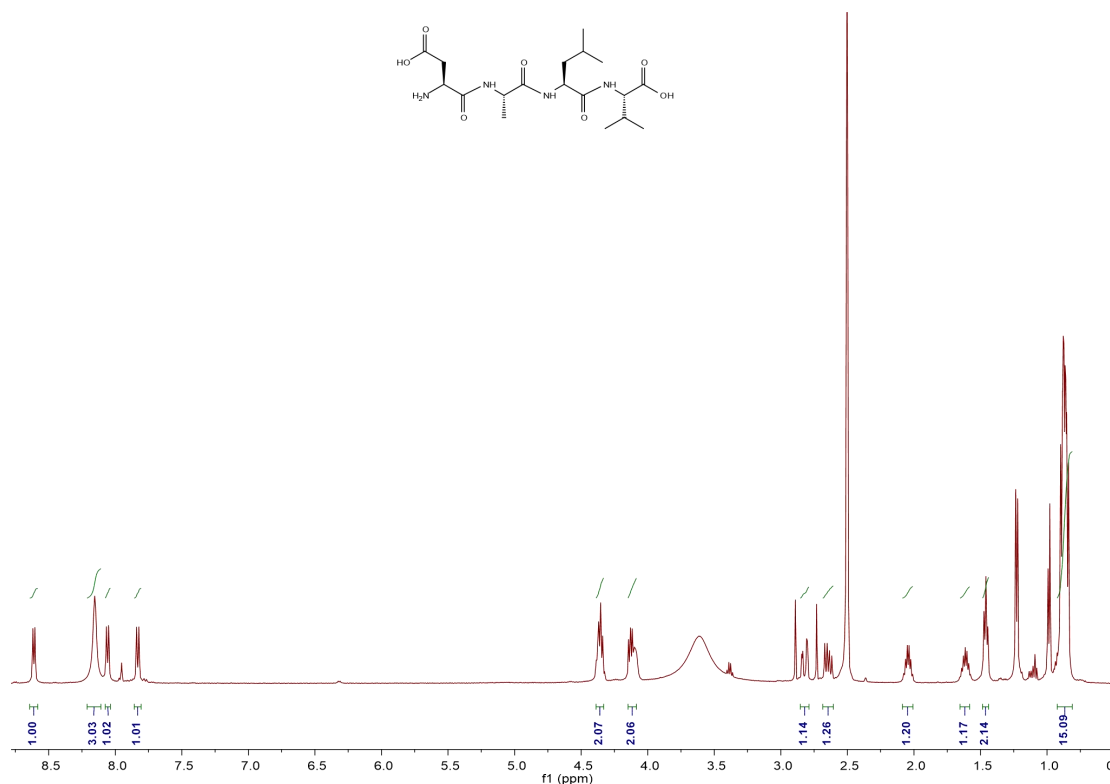
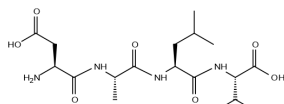


155. Compound **AVIQ**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.39 (d,  $J = 8.8$  Hz, 1H), 8.20 (d,  $J = 7.3$  Hz, 1H), 8.04 (d,  $J = 3.7$  Hz, 2H), 7.86 (d,  $J = 8.6$  Hz, 1H), 7.22 (s, 1H), 6.77 (s, 1H), 4.27 – 4.19 (m, 2H), 4.14 (dd,  $J = 13.4, 7.7$  Hz, 1H), 3.96 – 3.89 (m, 1H), 2.19 – 2.05 (m, 2H), 2.00 – 1.88 (m, 2H), 1.83 – 1.68 (m, 2H), 1.42 (d,  $J = 7.4$  Hz, 1H), 1.09 (t,  $J = 7.1$  Hz, 1H), 0.98 – 0.75 (m, 15H).

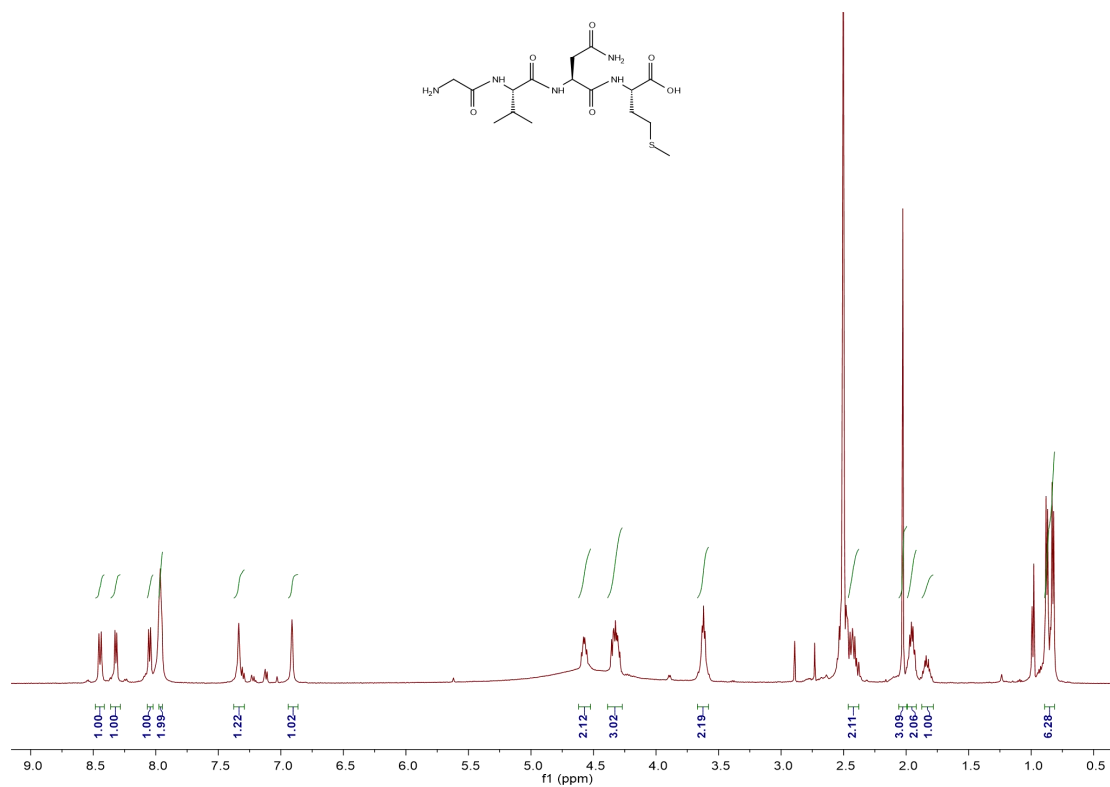


156. Compound **DALV**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.61 (d,  $J = 7.4$  Hz, 1H), 8.15 (s, 3H), 8.06 (d,  $J = 8.1$  Hz, 1H), 7.83 (d,  $J = 8.5$  Hz, 1H), 4.36 (dd,  $J = 15.8, 8.3$  Hz, 2H), 4.12 (dd,  $J = 14.2, 7.9$  Hz, 2H), 2.82 (dd,  $J = 17.7, 3.4$  Hz, 1H), 2.64 (dd,  $J = 17.8, 8.9$  Hz, 1H), 2.04 (dq,  $J = 13.1, 6.5$  Hz, 1H), 1.62 (dt,  $J = 13.1, 6.6$  Hz, 1H), 1.46 (t,  $J = 7.2$  Hz, 2H), 0.87 (ddd,  $J = 12.8, 9.8, 6.9$  Hz, 15H).

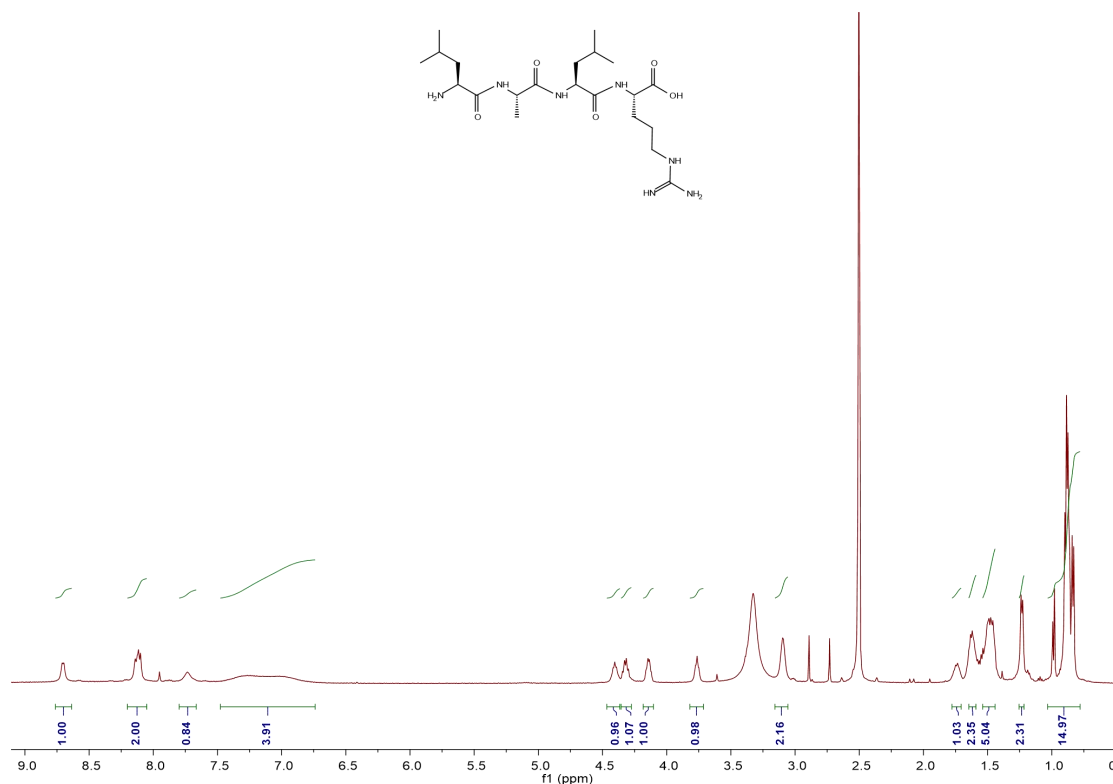




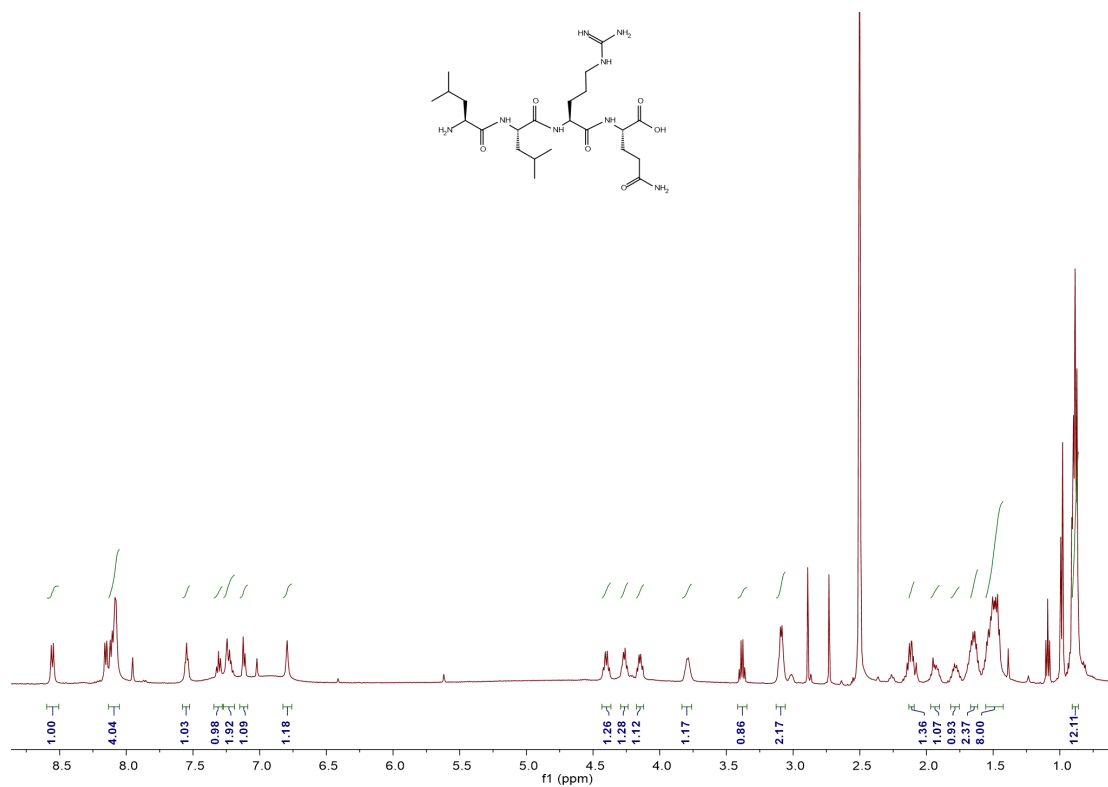
157. Compound **GVNm**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.45 (d,  $J = 9.1$  Hz, 1H), 8.32 (d,  $J = 7.3$  Hz, 1H), 8.05 (d,  $J = 7.8$  Hz, 1H), 7.96 (s, 2H), 7.38 – 7.29 (m, 1H), 6.91 (s, 1H), 4.57 (dd,  $J = 12.7, 7.9$  Hz, 2H), 4.39 – 4.27 (m, 3H), 3.63 (dd,  $J = 16.1, 10.6$  Hz, 2H), 2.46 – 2.38 (m, 2H), 2.01 (d,  $J = 14.6$  Hz, 3H), 1.95 (dd,  $J = 13.0, 6.8$  Hz, 2H), 1.87 – 1.78 (m, 1H), 0.89 – 0.81 (m, 6H).



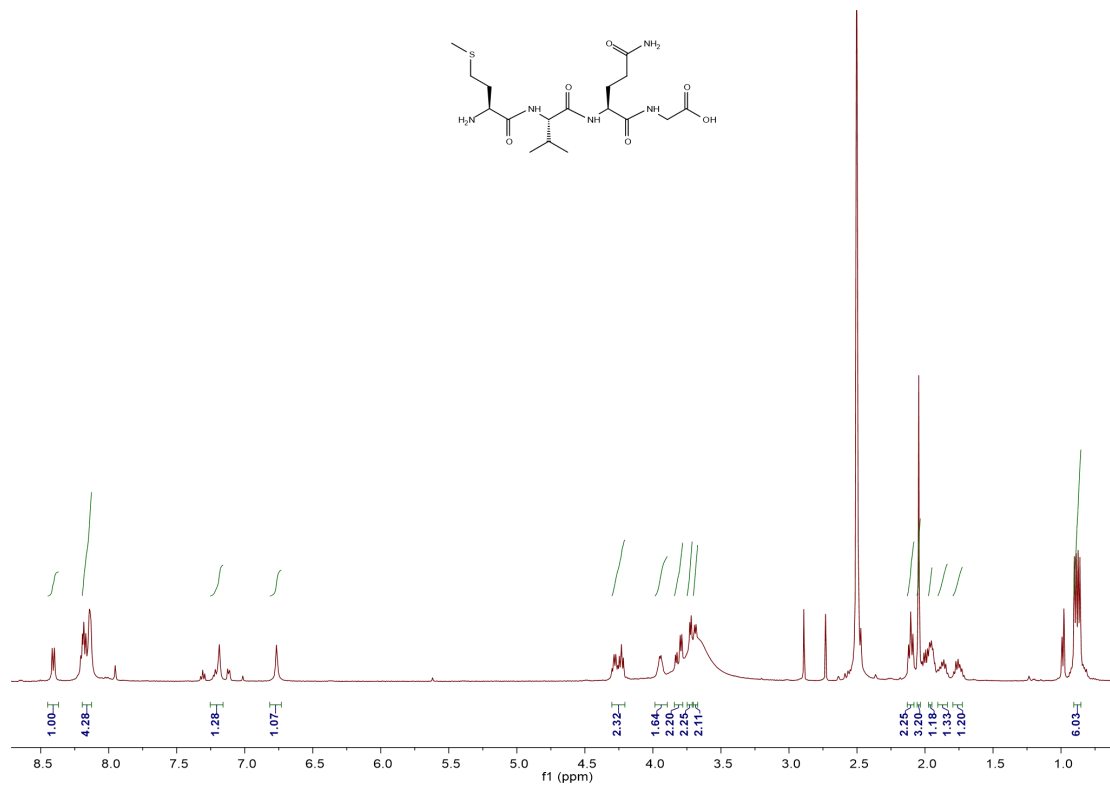
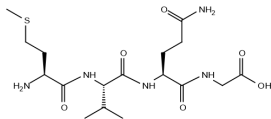
158. Compound **LALR**: <sup>1</sup>H NMR (500 MHz, DMSO) δ 8.70 (d, J = 6.2 Hz, 1H), 8.20 – 8.05 (m, 2H), 7.73 (s, 1H), 7.24 (s, 4H), 4.40 (d, J = 6.5 Hz, 1H), 4.32 (dd, J = 14.6, 8.1 Hz, 1H), 4.14 (d, J = 4.9 Hz, 1H), 3.76 (s, 1H), 3.10 (s, 2H), 1.74 (d, J = 7.2 Hz, 1H), 1.63 (d, J = 6.5 Hz, 2H), 1.49 (dd, J = 22.9, 16.0 Hz, 5H), 1.23 (d, J = 6.2 Hz, 2H), 1.03 – 0.78 (m, 15H).



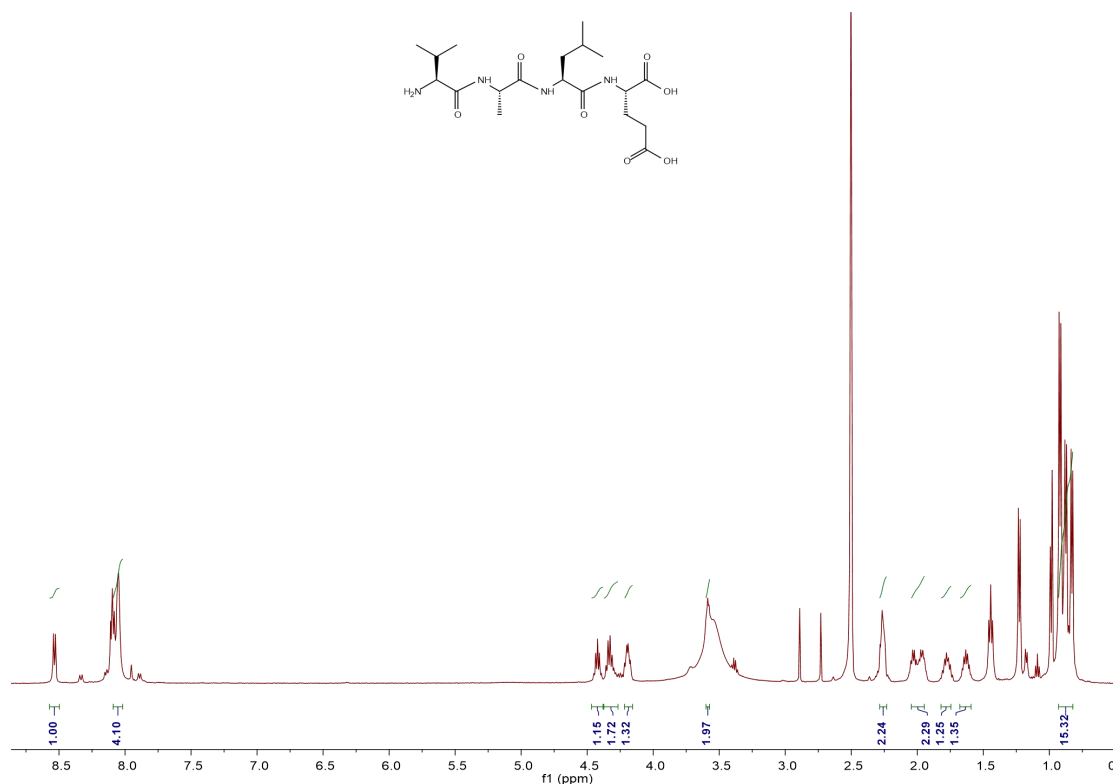
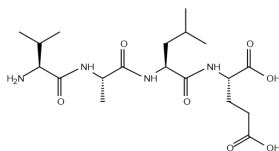
159. Compound **LLRQ**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.55 (d, J = 8.0 Hz, 1H), 8.10 (dd, J = 16.3, 6.4 Hz, 4H), 7.55 (t, J = 5.8 Hz, 1H), 7.24 (d, J = 9.8 Hz, 2H), 7.12 (d, J = 7.0 Hz, 1H), 6.79 (s, 1H), 4.40 (q, J = 7.7 Hz, 1H), 4.27 (q, J = 7.5, 7.0 Hz, 1H), 4.15 (q, J = 7.6 Hz, 1H), 3.79 (s, 1H), 3.38 (q, J = 7.0 Hz, 1H), 3.09 (q, J = 6.4 Hz, 2H), 2.11 (dd, J = 9.4, 6.2 Hz, 1H), 1.97 – 1.90 (m, 1H), 1.79 (dt, J = 15.1, 4.7 Hz, 1H), 1.67 – 1.62 (m, 2H), 1.50 (ddt, J = 19.5, 14.3, 7.0 Hz, 8H), 0.89 (t, J = 6.6 Hz, 12H).



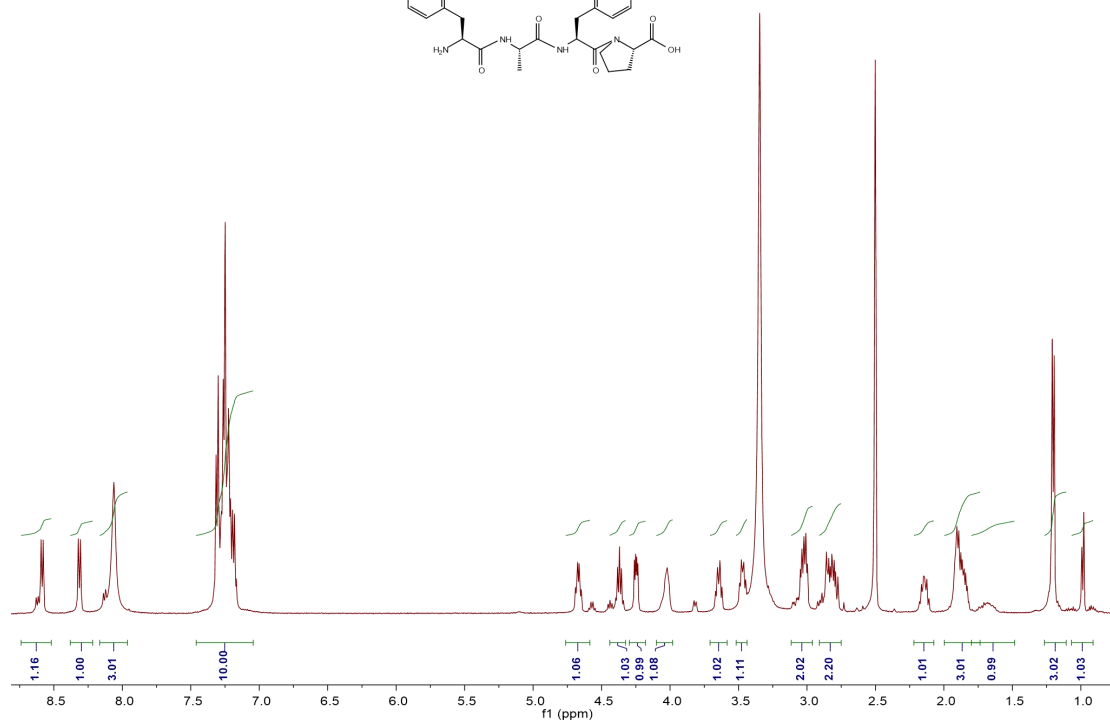
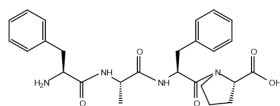
160. Compound **MVQG**: <sup>1</sup>H NMR (500 MHz, DMSO)  $\delta$  8.41 (d,  $J = 8.2$  Hz, 1H), 8.17 (dd,  $J = 16.7, 9.2$  Hz, 4H), 7.25 – 7.16 (m, 1H), 6.77 (s, 1H), 4.30 – 4.21 (m, 2H), 3.95 (d,  $J = 5.3$  Hz, 2H), 3.81 (dd,  $J = 17.5, 5.9$  Hz, 2H), 3.72 (d,  $J = 5.5$  Hz, 2H), 3.69 (d,  $J = 5.5$  Hz, 2H), 2.11 (t,  $J = 8.0$  Hz, 2H), 2.05 (s, 3H), 1.96 (d,  $J = 6.4$  Hz, 1H), 1.87 (dd,  $J = 14.4, 6.9$  Hz, 1H), 1.80 – 1.73 (m, 1H), 0.88 (dd,  $J = 13.7, 6.7$  Hz, 6H).



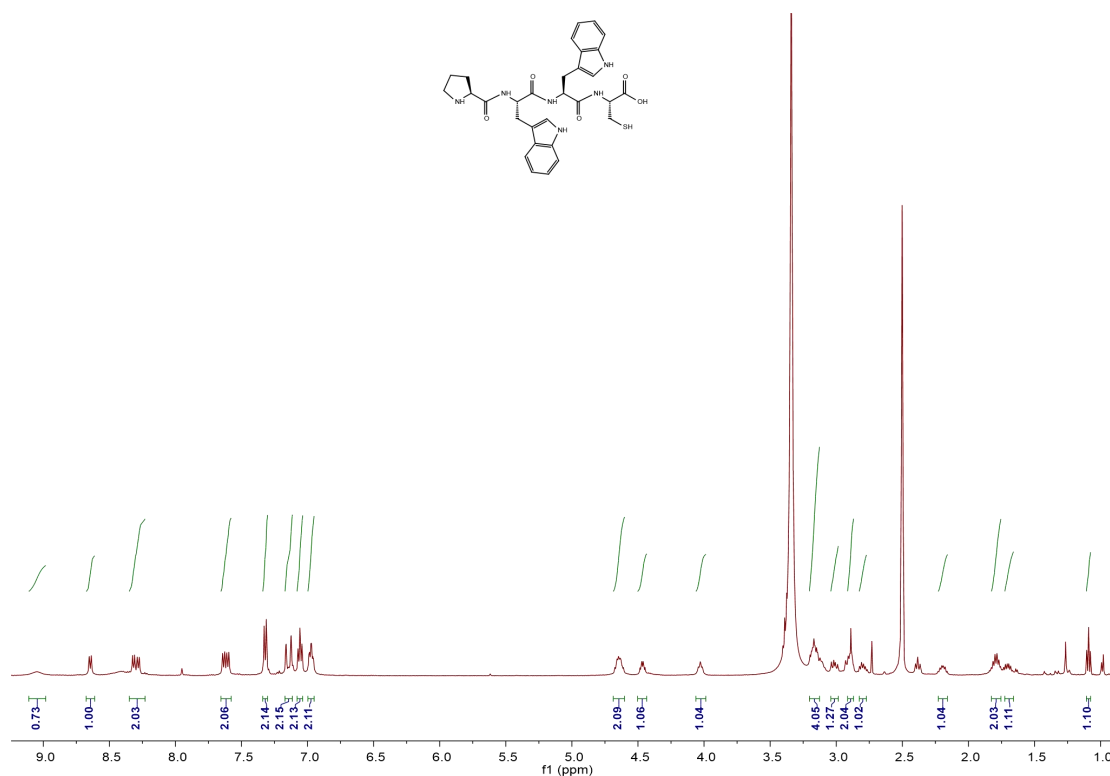
161. Compound **VALE**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  8.53 (d,  $J = 7.4$  Hz, 1H), 8.07 (d,  $J = 16.4$  Hz, 4H), 4.47 – 4.38 (m, 1H), 4.37 – 4.27 (m, 2H), 4.22 – 4.16 (m, 1H), 3.58 (d,  $J = 5.0$  Hz, 2H), 2.27 (d,  $J = 7.9$  Hz, 2H), 2.04 – 1.95 (m, 2H), 1.82 – 1.75 (m, 1H), 1.63 (td,  $J = 13.2, 6.6$  Hz, 1H), 0.93 – 0.82 (m, 15H).



162. Compound **FAFP**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  12.51 (s, 1H), 8.60 (dd,  $J = 18.1, 7.5$  Hz, 1H), 8.31 (d,  $J = 7.9$  Hz, 1H), 8.06 (s, 2H), 7.24 (ddt,  $J = 28.4, 13.8, 7.2$  Hz, 10H), 4.65 (dt,  $J = 36.0, 18.0$  Hz, 1H), 4.44 – 4.32 (m, 1H), 4.25 (dd,  $J = 8.6, 4.4$  Hz, 1H), 4.02 (s, 1H), 3.64 (dd,  $J = 16.1, 7.2$  Hz, 1H), 3.47 (dd,  $J = 15.8, 6.5$  Hz, 1H), 3.12 – 2.96 (m, 2H), 2.91 – 2.75 (m, 2H), 2.14 (dt,  $J = 15.8, 7.4$  Hz, 1H), 1.85 (ddd,  $J = 54.3, 31.7, 24.9$  Hz, 3H), 1.19 (t,  $J = 10.0$  Hz, 3H).

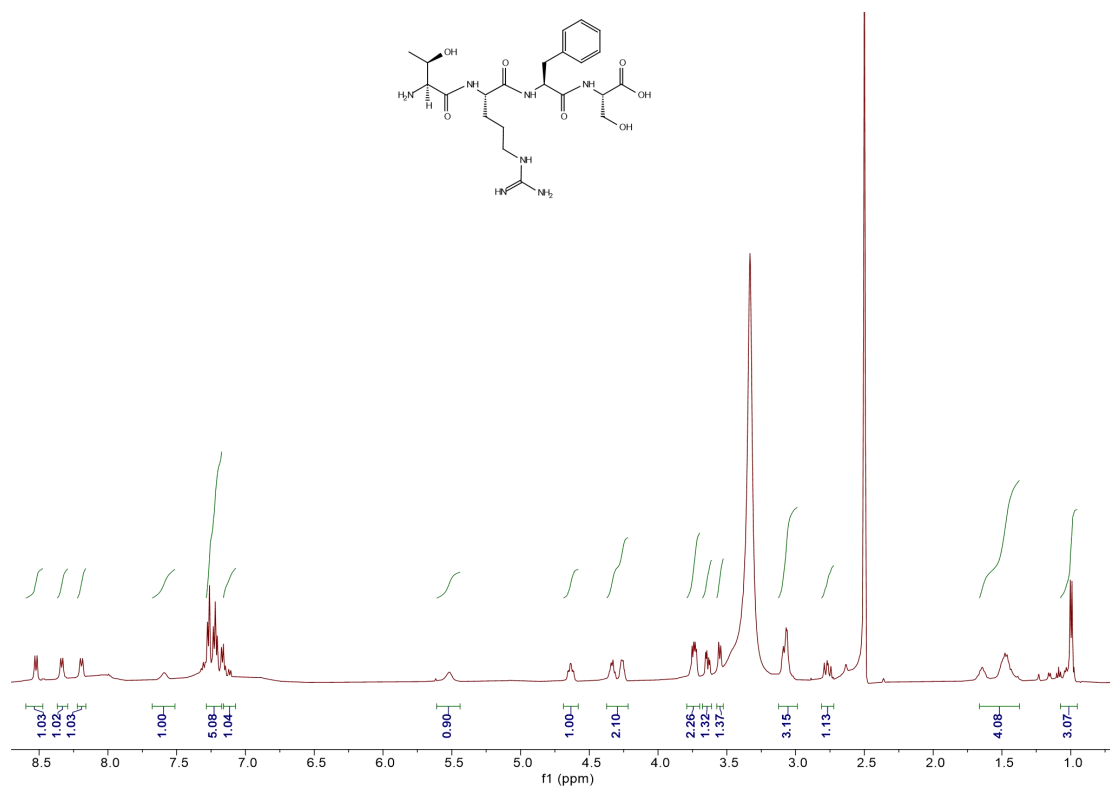
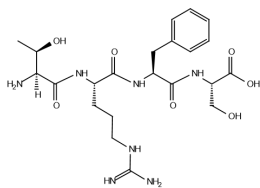


163. Compound **PWWC**:  $^1\text{H}$  NMR (500 MHz, DMSO)  $\delta$  9.05 (s, 1H), 8.64 (d,  $J = 8.2$  Hz, 1H), 8.29 (dt,  $J = 28.2, 14.1$  Hz, 2H), 7.62 (dd,  $J = 15.6, 7.9$  Hz, 2H), 7.32 (d,  $J = 8.1$  Hz, 2H), 7.17 – 7.12 (m, 2H), 7.06 (t,  $J = 7.5$  Hz, 2H), 6.97 (td,  $J = 7.5, 2.7$  Hz, 2H), 4.69 – 4.60 (m, 2H), 4.47 (dd,  $J = 12.1, 7.0$  Hz, 1H), 4.03 (t,  $J = 7.2$  Hz, 1H), 3.20 – 3.13 (m, 4H), 3.01 (dd,  $J = 14.8, 8.7$  Hz, 1H), 2.89 (dd,  $J = 9.2, 5.6$  Hz, 2H), 2.80 (dd,  $J = 14.3, 7.0$  Hz, 1H), 2.23 – 2.16 (m, 1H), 1.78 (dt,  $J = 13.6, 6.9$  Hz, 2H), 1.72 – 1.66 (m, 1H), 1.09 (t,  $J = 7.0$  Hz, 1H).



164. Compound **TRFS**: <sup>1</sup>H NMR (500 MHz, DMSO-d<sub>6</sub>) δ 8.52 (d, J = 8.0 Hz, 1H), 8.34 (d, J = 7.8 Hz, 1H), 8.19 (d, J = 8.3 Hz, 1H), 7.59 (s, 1H), 7.28 – 7.17 (m, 5H), 7.16 – 7.07 (m, 1H), 5.52 (s, 1H), 4.64 (td, J = 9.2, 3.9 Hz, 1H), 4.37 – 4.22 (m, 2H), 3.74 (dt, J = 10.2, 6.0 Hz, 2H), 3.64 (dd, J = 10.9, 4.1 Hz, 1H), 3.55 (d, J = 7.2 Hz, 1H), 3.07 (p, J = 6.8, 5.5 Hz, 3H), 2.77 (dd, J = 14.1, 10.0 Hz, 1H), 1.66 – 1.37 (m, 4H), 1.07 – 0.95 (m, 3H).





165. Compound NNNN:  $^1\text{H}$  NMR (500 MHz, DMSO- $d_6$ )  $\delta$  8.66 (d,  $J = 7.7$  Hz, 1H), 8.24 – 7.89 (m, 5H), 7.74 – 7.64 (m, 1H), 7.43 – 7.23 (m, 4H), 6.95 – 6.87 (m, 2H), 4.56 (dtd,  $J = 10.5, 7.8, 5.1$  Hz, 2H), 4.49 – 4.44 (m, 1H), 4.07 (dd,  $J = 9.1, 4.6$  Hz, 1H), 2.65 – 2.51 (m, 6H), 2.47 – 2.34 (m, 2H).

