

# Supporting Information

## **Stylissamide I, a new cyclic heptapeptide from an Okinawan marine sponge *Stylissa* sp.**

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Figure S3. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)

Figure S4. TOCSY spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)

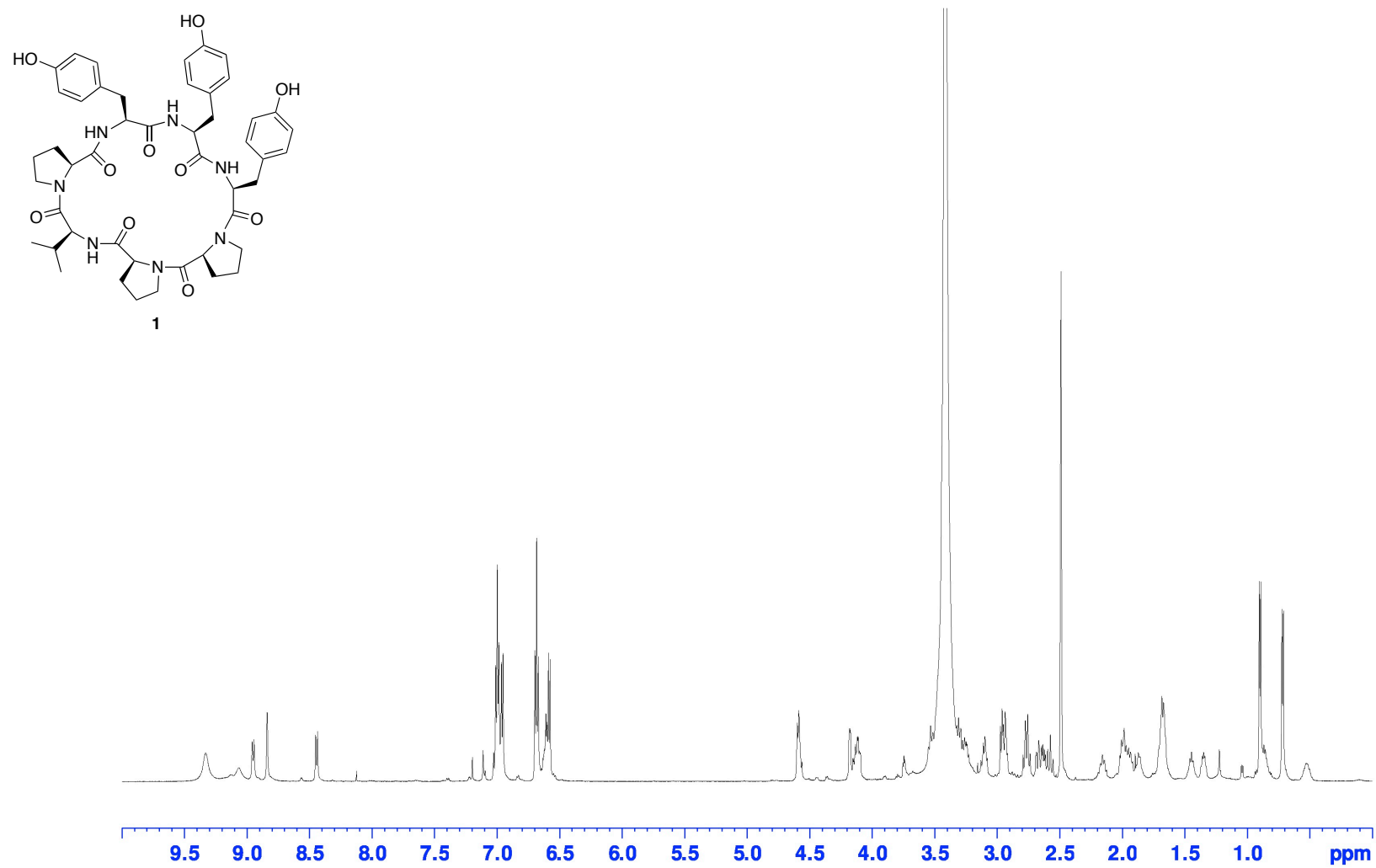
Figure S5. HSQC spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)

Figure S6. HMBC spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)

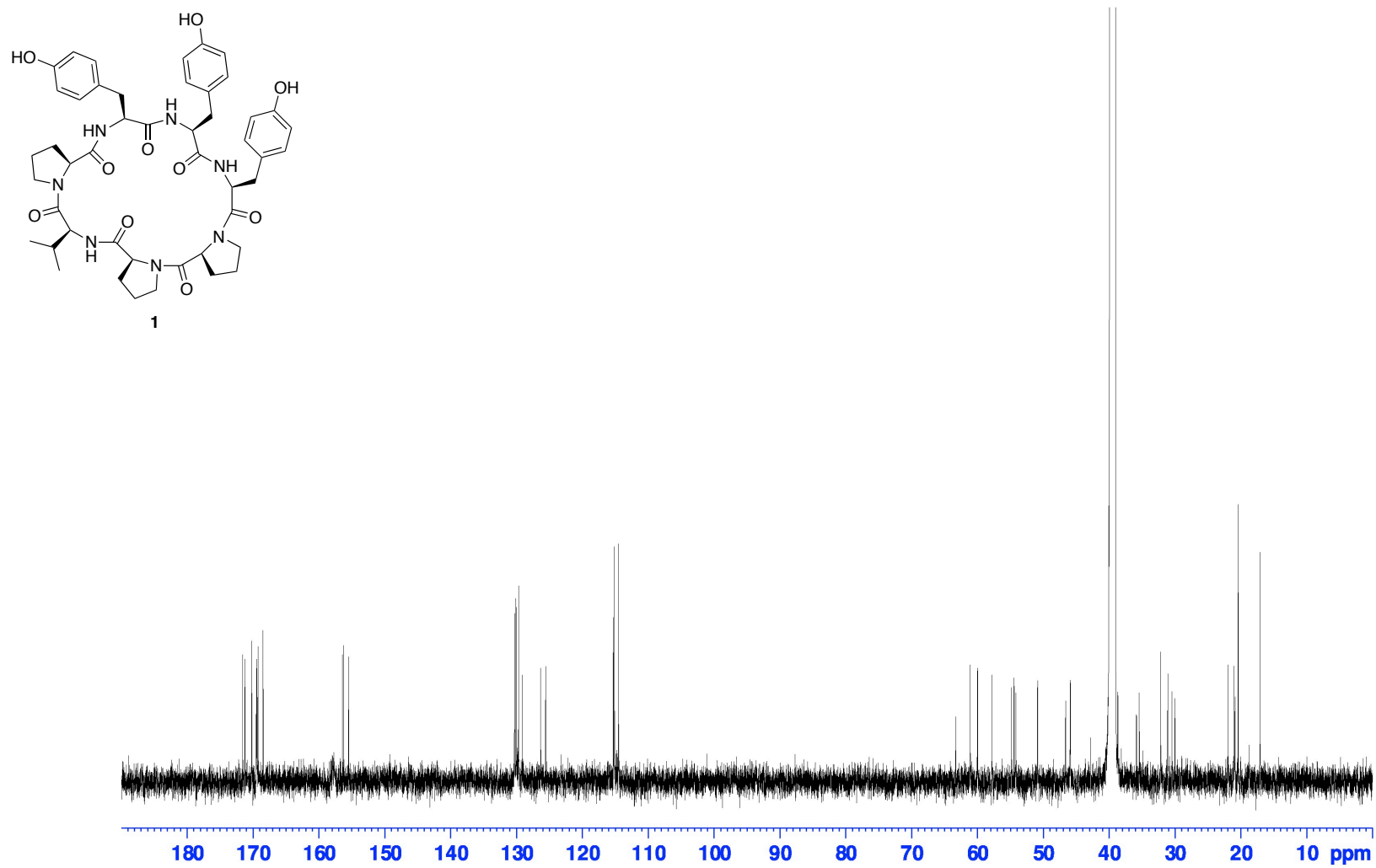
Figure S7. NOESY spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)

Figure S8. The HPLC chromatogram of FDAA derivatives of authentic amino acids and hydrolysate of stylissamide I (**1**)

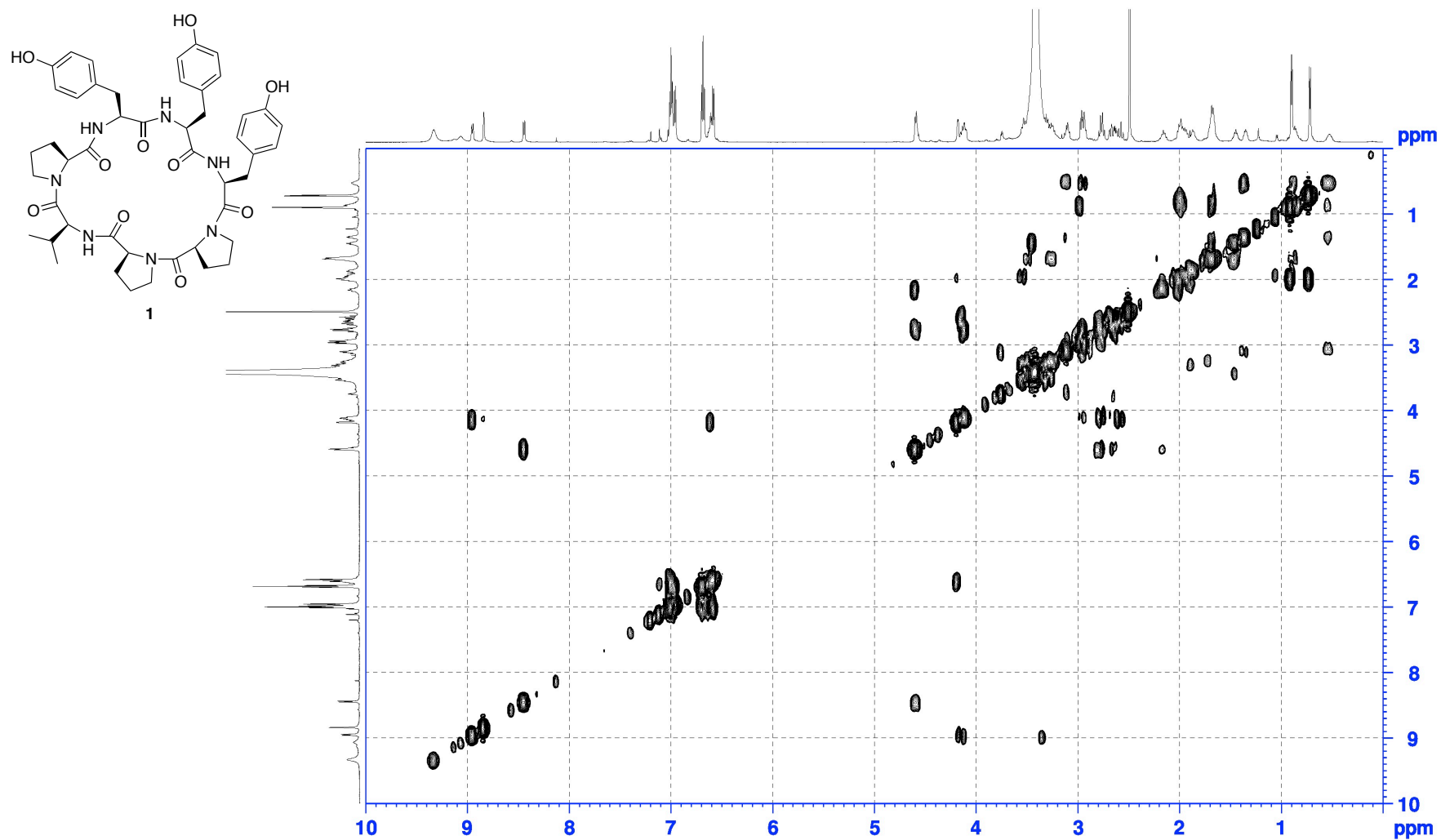
**Figure S1.**  $^1\text{H}$  NMR spectrum of stylissamide I (**1**) in  $\text{DMSO-}d_6$  (600 MHz)



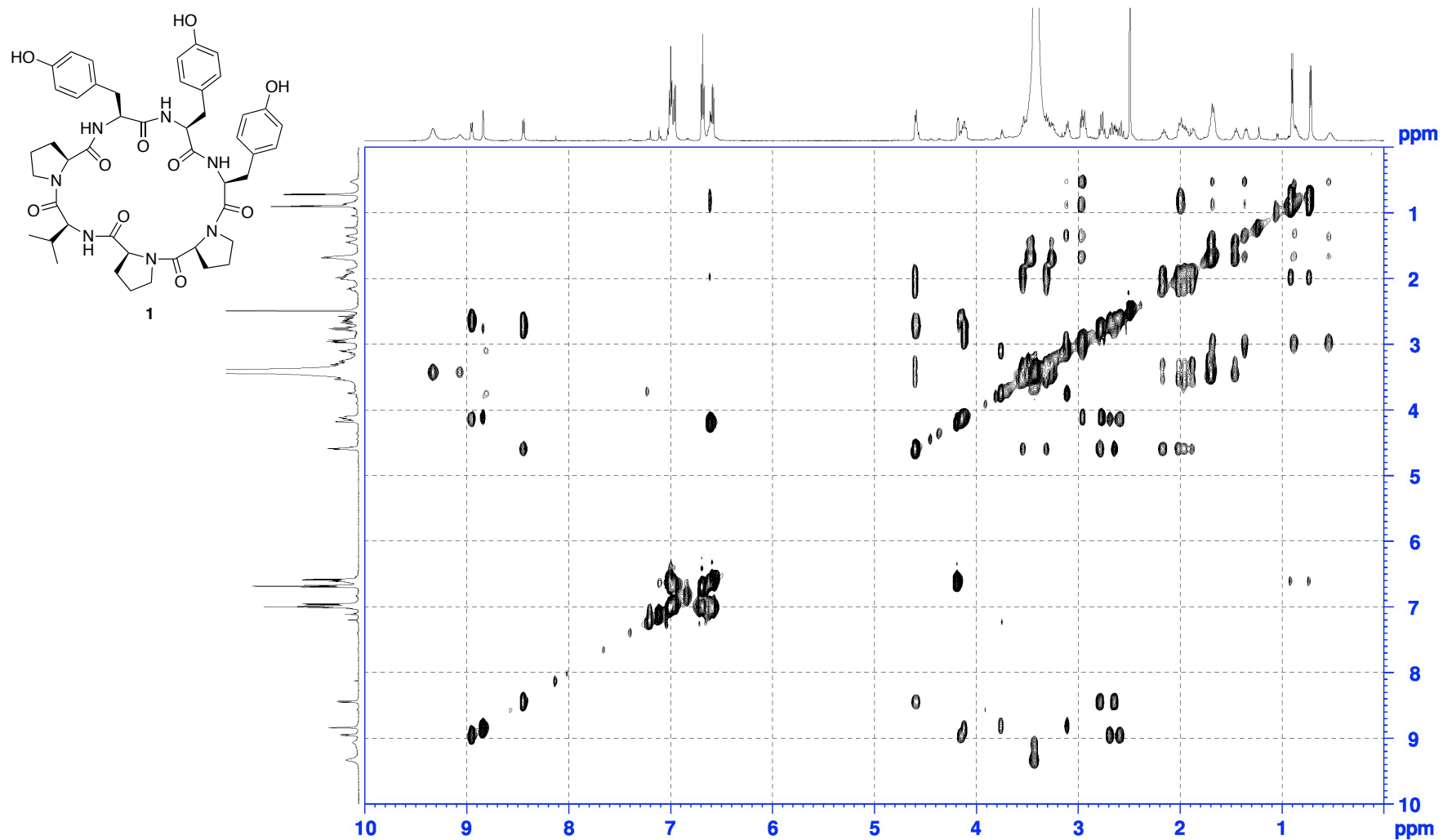
**Figure S2.**  $^{13}\text{C}$  NMR spectrum of stylissamide I (**1**) in  $\text{DMSO-}d_6$  (150 MHz)



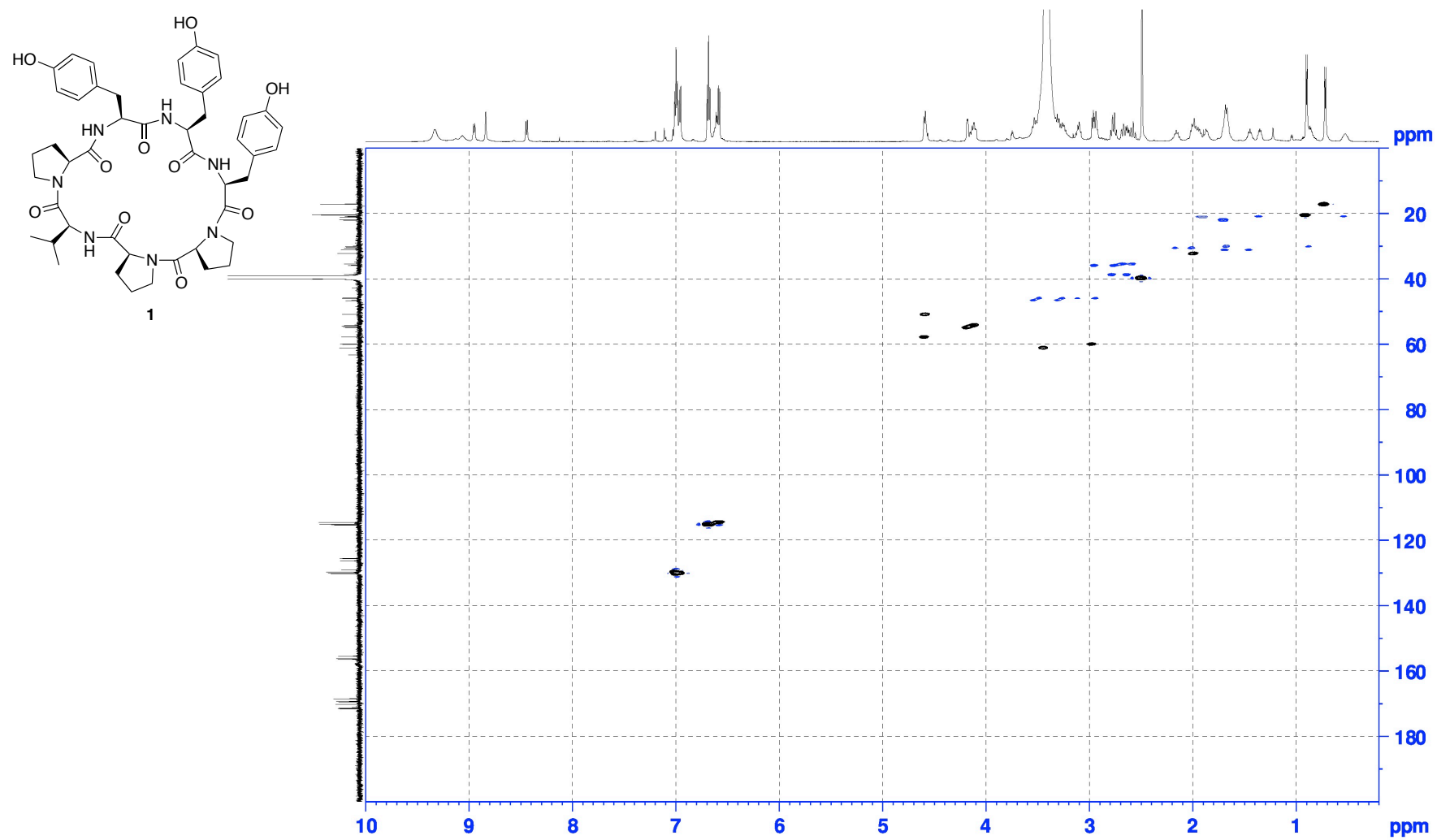
**Figure S3.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of stylissamide I (**1**) in  $\text{DMSO-}d_6$  (600 MHz)



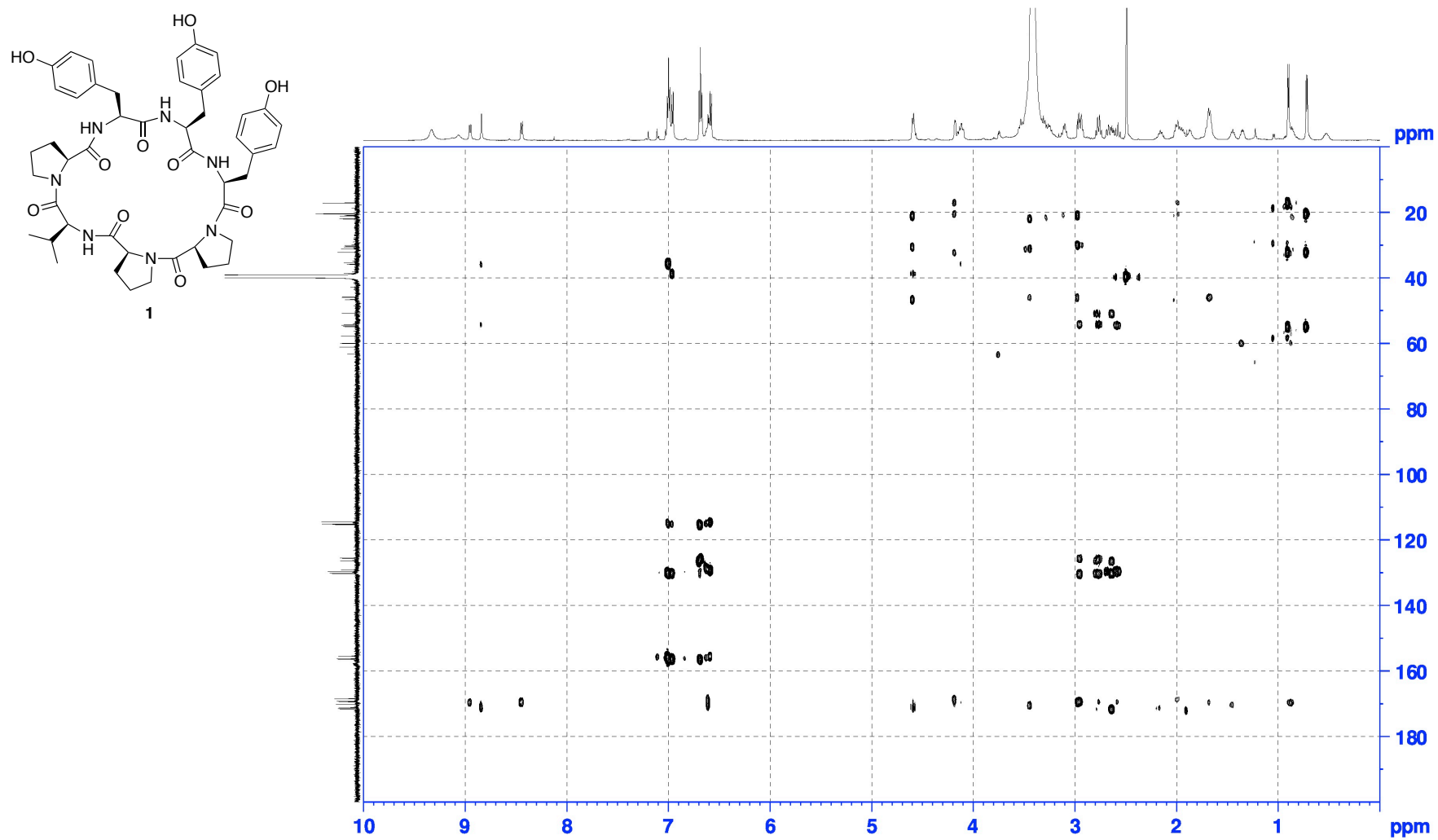
**Figure S4.** TOCSY spectrum of stylissamide I (**1**) in DMSO- $d_6$  (600 MHz)



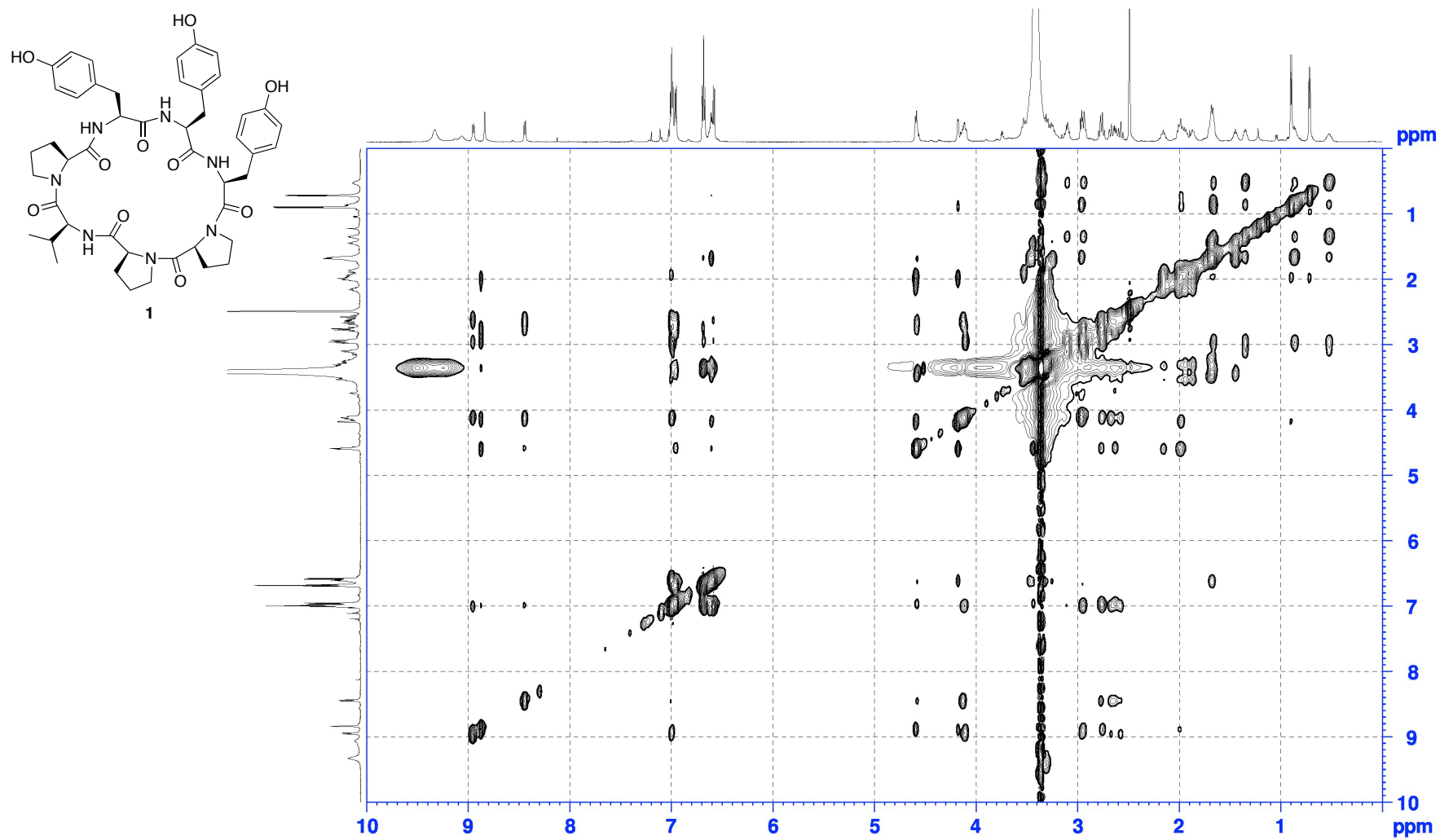
**Figure S5.** HSQC spectrum of stylyssamide I (**1**) in DMSO- $d_6$  (600 MHz)



**Figure S6.** HMBC spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)



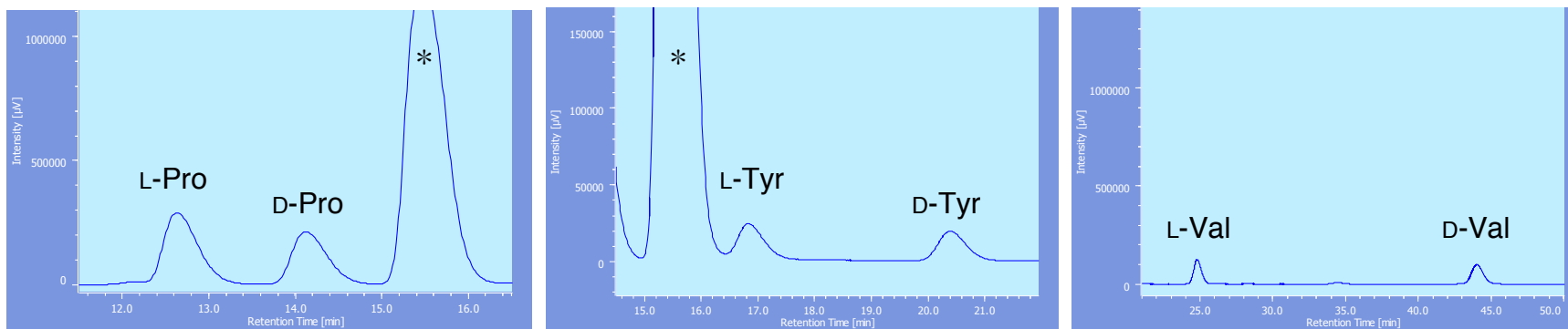
**Figure S7.** NOESY spectrum of stylissamide I (**1**) in DMSO-*d*<sub>6</sub> (600 MHz)



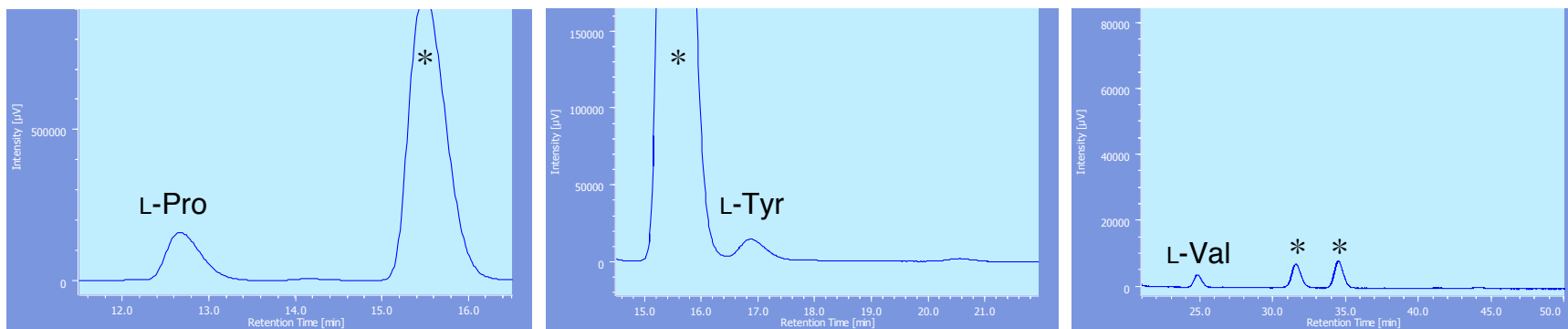


**Figure S8.** The HPLC chromatogram of FDAA derivatives of authentic amino acids and hydrolysate of styliissamide I (**1**)

FDAA derivatives of authentic amino acids



FDAA derivatives of hydrolysate of styliissamide I (**1**)



\* impurity