

Electronic Supplementary Material for:

**Synthesis of Cyclogossine B Using a Traceless Pseudoproline Turn-Inducer**

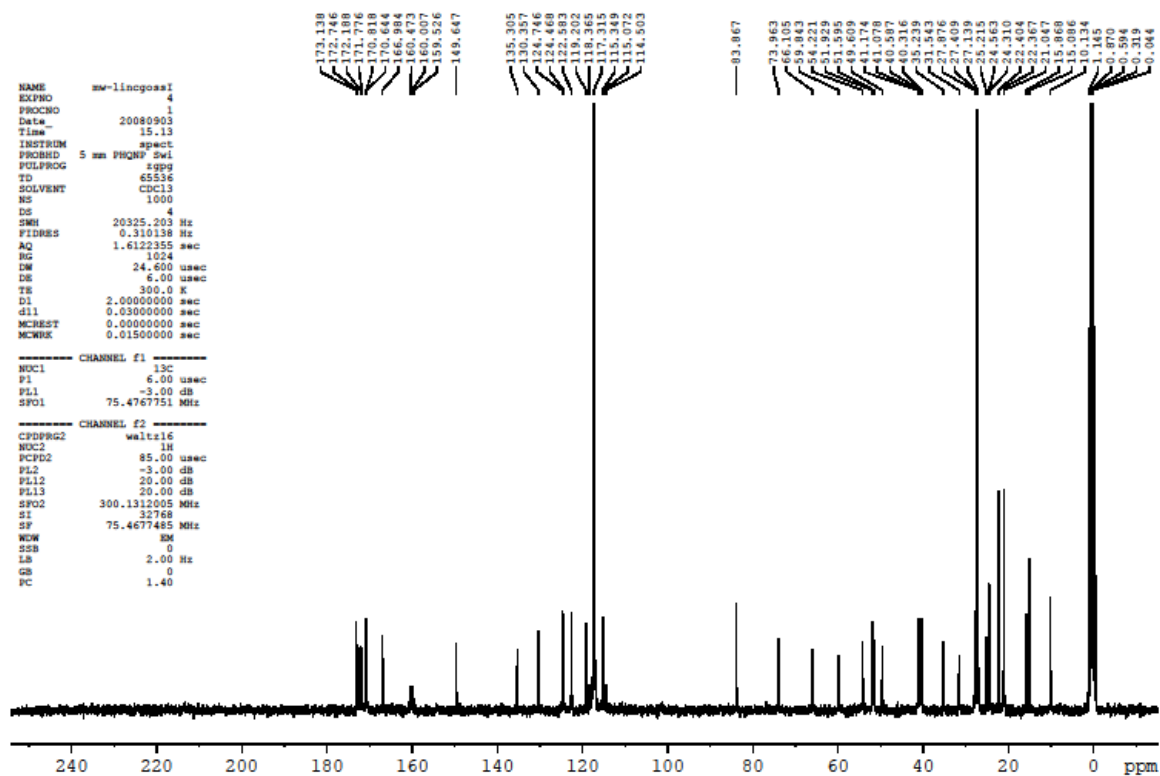
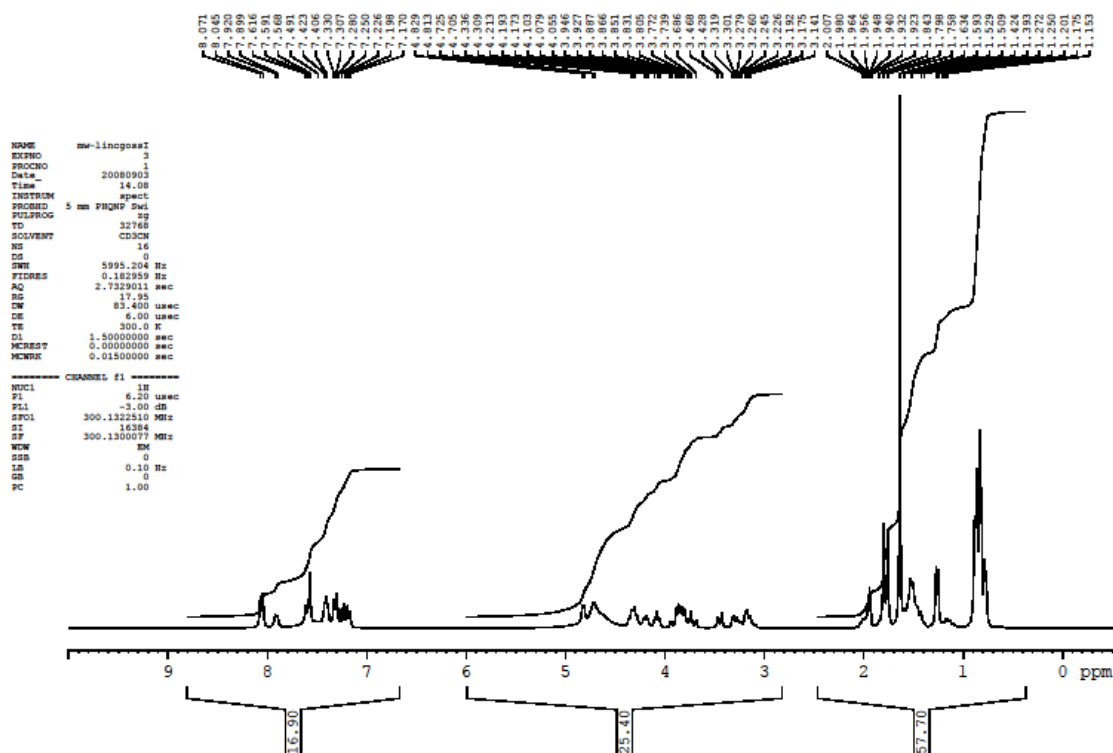
Michelle S. Y. Wong and Katrina A. Jolliffe\*

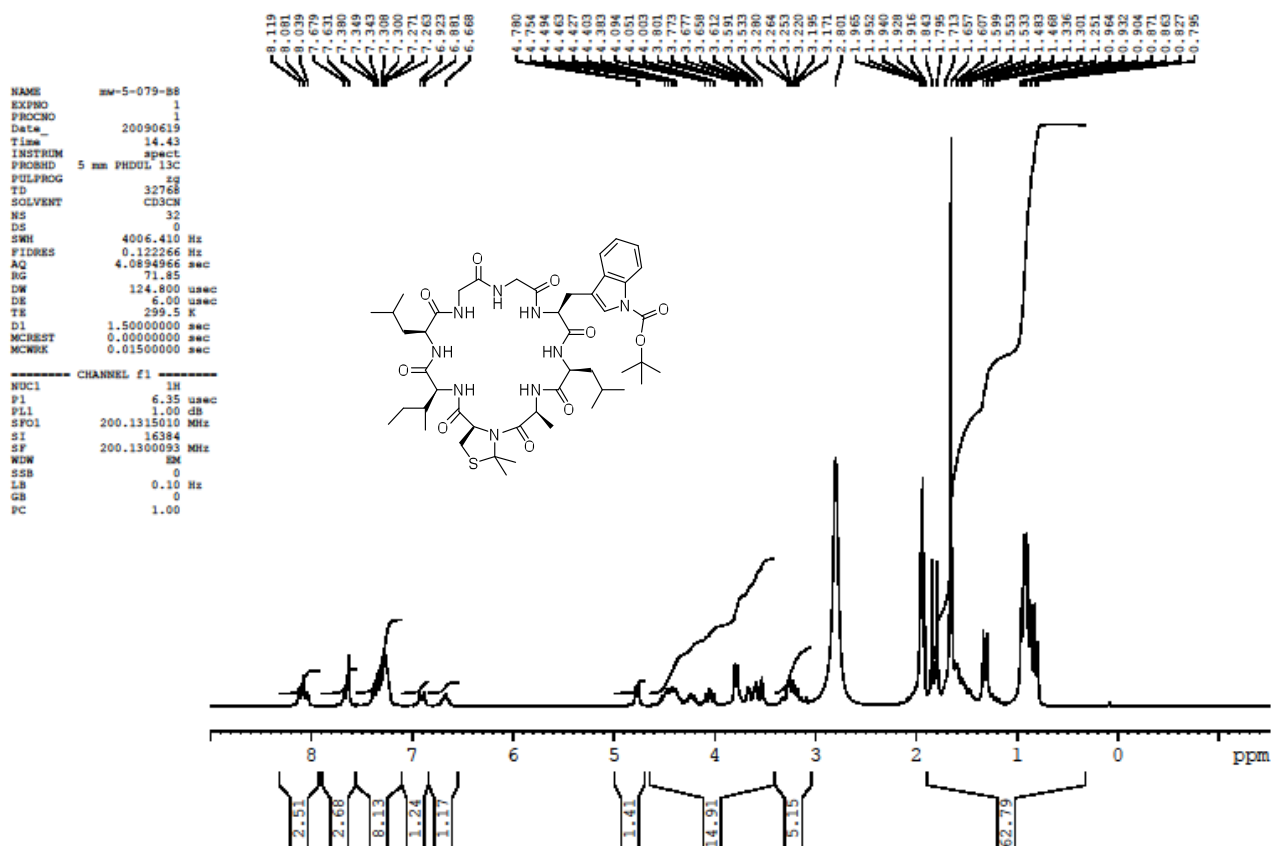
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<b>Contents</b>	<b>Page</b>
NMR spectra of Compounds <b>4</b> , <b>6</b> , <b>7</b> and <b>1</b>	S2-S5
HPLC traces and mass spectra of Compounds <b>4</b> , <b>6</b> , <b>7</b> and <b>1</b>	S6-S9

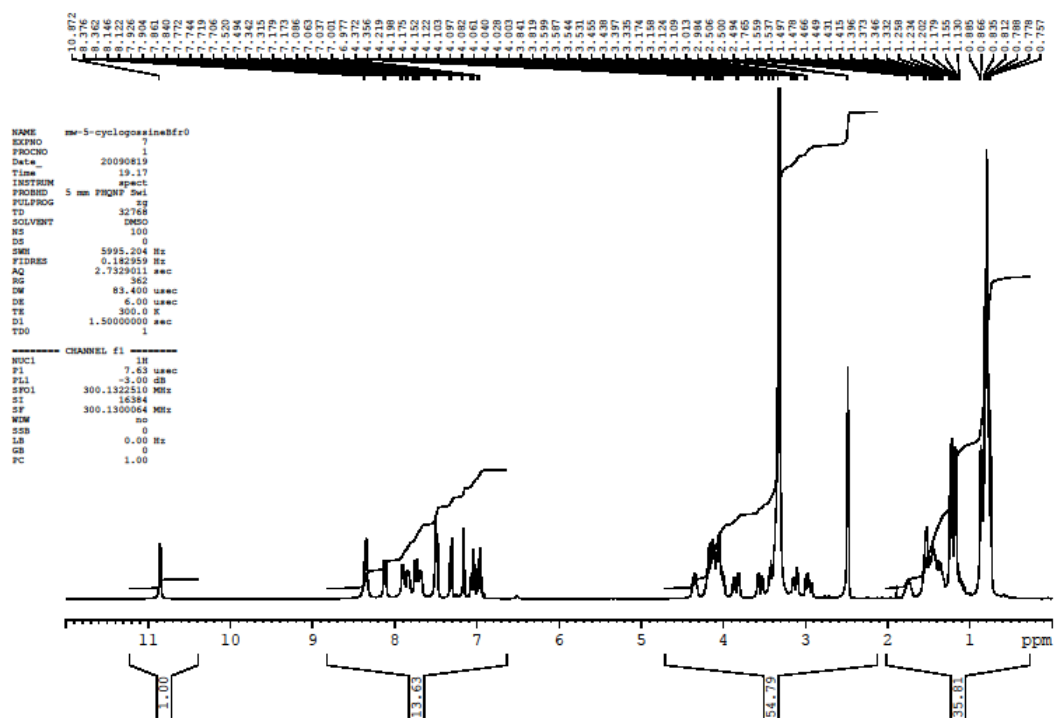
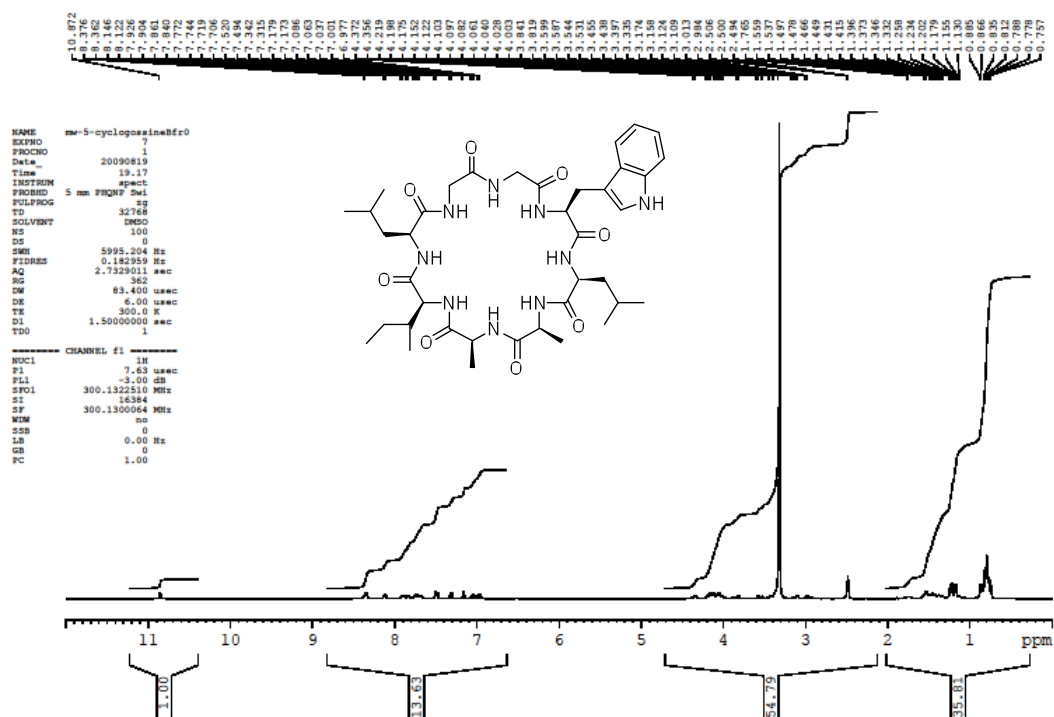
NH<sub>2</sub>-Gly-Trp(Boc)-Leu-Ala-Cys(Ψ<sup>Me,Me</sup>Pro)-Ile-Leu-Gly-OH (4)

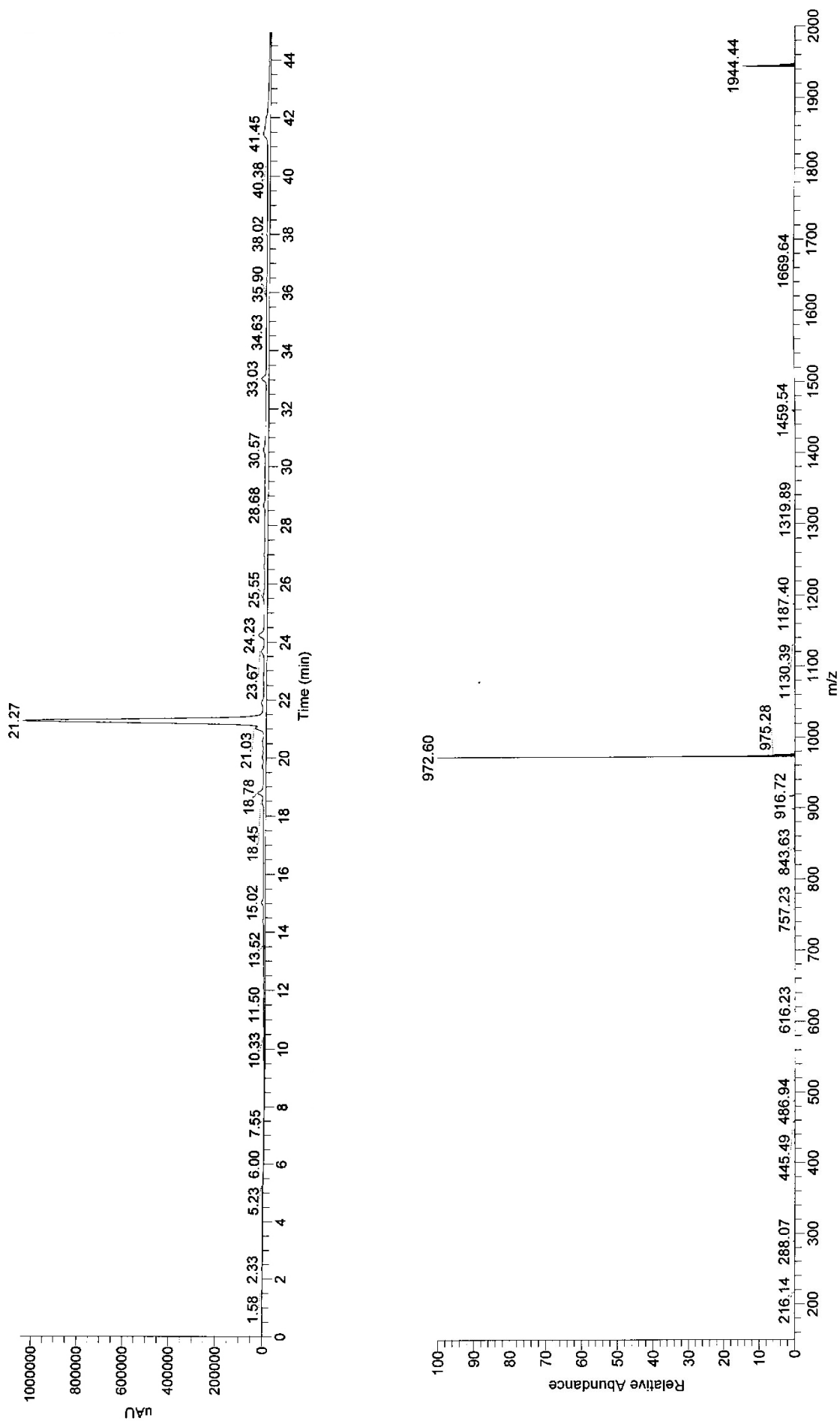


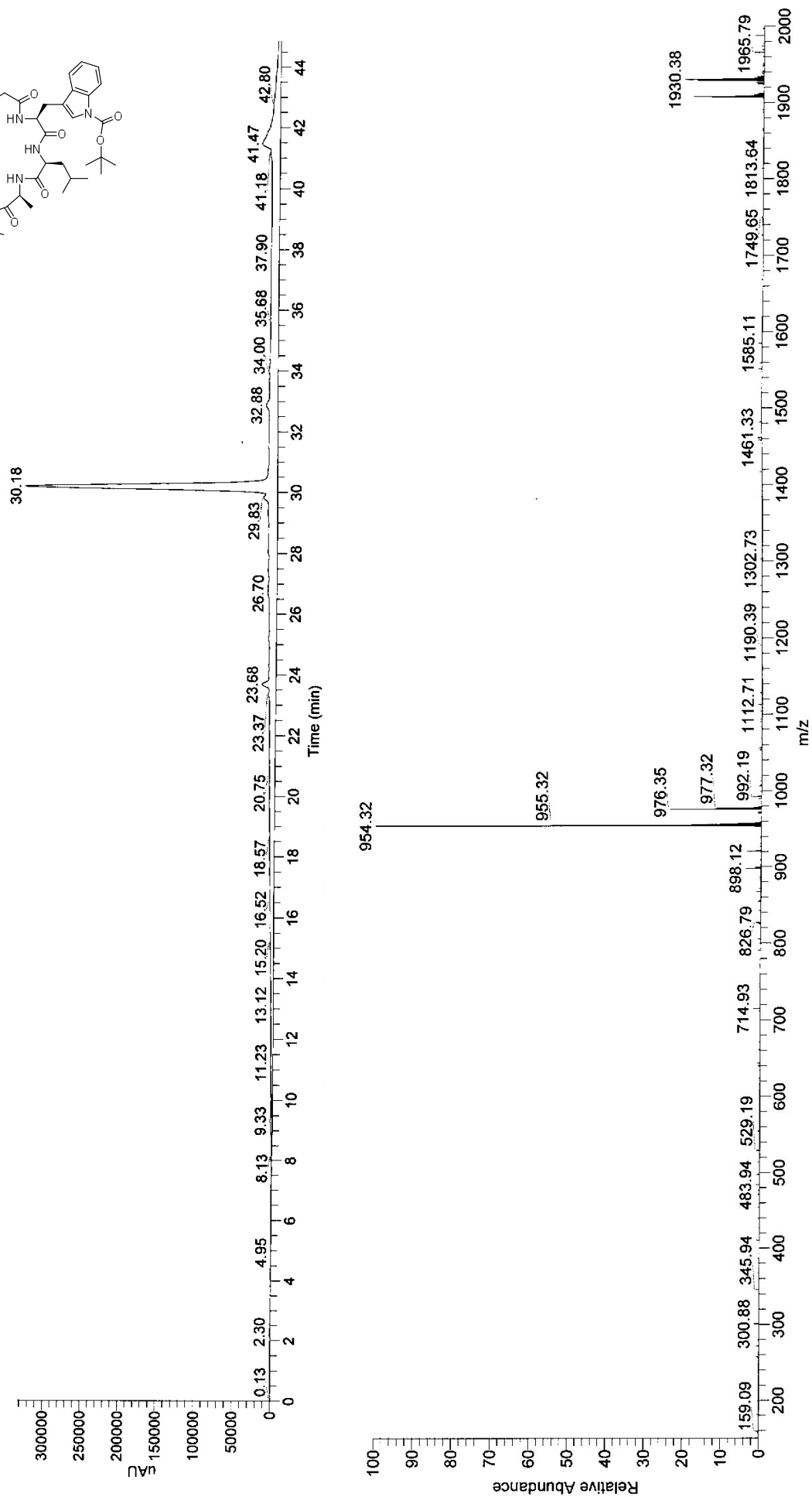
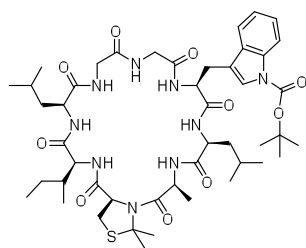
Cyclo[Gly-Trp(Boc)-Leu-Ala-Cys( $\Psi^{\text{Me,Me}}$ Pro)-Ile-Leu-Gly] (6)



## Cyclo[Gly-Trp-Leu-Ala-Ala-Ile-Leu-Gly] (Cyclogossine B) (1)



Linear NH<sub>2</sub>-Gly-Trp(Boc)-Leu-Ala-Cys( $\Psi^{Me,Me}$ Pro)-Ile-Leu-Gly-OH (4)

**Cyclo[Gly-Trp(Boc)-Leu-Ala-Cys( $\Psi^{\text{Me,Me}}$ Pro)-Ile-Leu-Gly] (6)**

**Cyclo[Gly-Trp(Boc)-Leu-Ala-Ala-Ile-Leu-Gly] (7)**