Supporting Information:

Isolation and Total Synthesis of Mabuniamide, a Lipopeptide from an Okeania sp. Marine Cyanobacterium

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Figure S1. Phylogenetic tree inferred from 16S rDNA sequences using the ML method. The phylogeny is rooted with *Gloeobacter violaceus* PCC 7421. The numbers at the nodes indicate bootstrap values (values <70% are not shown) and posterior probability (values <0.9 are not shown) for the ML/Bayesian inference.
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Figure S10. $^1$H NMR spectrum of tetrapeptide 5a in CDCl$_3$ (400 MHz)

X: parts per Million : $^1$H

9.0 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.1 0.8 0.5 0.2 0.1

abundance

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1

$^1$H NMR spectrum of tetrapeptide 5a in CDCl$_3$ (400 MHz)
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