

**Intramolecular Modulation of Serine Protease Inhibitor Activity in a Marine Cyanobacterium with Antifeedant Properties**

Susan Matthew<sup>1</sup>, Ranjala Ratnayake<sup>1</sup>, Mikel A. Becerro<sup>2</sup>, Raphael Ritson-Williams<sup>2</sup>, Valerie J. Paul<sup>2</sup>, and Hendrik Luesch<sup>1</sup>

<sup>1</sup>Department of Medicinal Chemistry, University of Florida, 1600 SW Archer Road, Gainesville, Florida 32610, USA

<sup>2</sup>Smithsonian Marine Station, 701 Seaway Drive, Fort Pierce, Florida 34949, USA

<b>Contents</b>	<b>Page Number</b>
<sup>1</sup> H NMR spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S2
COSY spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S3
HSQC spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S4
HMBC spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S5
ROESY spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S6
<sup>13</sup> C NMR spectrum of largamide D oxazolidine ( <b>1</b> ) in DMF- <i>d</i> <sub>7</sub>	S7
<sup>1</sup> H NMR spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S8
COSY spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S9
HSQC spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S10
HMBC spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S11
ROESY spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S12
<sup>13</sup> C NMR spectrum of largamide D oxazolidine ( <b>1</b> ) in MeOH- <i>d</i> <sub>4</sub>	S13

























