Gymnangiamide, a New Cytotoxic Pentapeptide from the Marine Hydroid *Gymnangium ragae*

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Supporting Materials Available:

- S2 General Experimental
- S3 ¹H NMR
- S4 ¹³C NMR
- S5 COSY
- S6 TOCSY
- S7 HSQC
- S8 HMBC
- S9 ROESY

General Experimental Methods. NMR spectra were acquired in CD₃OH on a spectrometer operating at 500 MHz for ¹H and 125 MHz for ¹³C and referenced to the residual nondeuterated solvent. Positive-ion, fast-atom bombardment mass spectra (FABMS) were obtained on a double-focusing mass spectrometer using a sample matrix of 5:1 dithiothreitol and dithioerythritol (magic bullet). Electrospray mass spectra were obtained on an integrated LC-MS system. IR spectra were obtained on NaCl disks in a FT-IR spectrometer.

S3 ^1H NMR (CD_3OH) of Gymnangiamide

MTDDP - NCI.FCRDC

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S4 ^{13}C NMR (CD_3OH) of Gymnangiamide

S5 COSY (CD₃OH) of Gymnangiamide

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S6 TOCSY (CD₃OH) of Gymnangiamide

MTDDP - NCI, FCRDC

S7 HSQC (CD₃OH) of Gymnangiamide

MTDDP - NCI.FCRDC

S8 HMBC (CD₃OH) of Gymnangiamide

S9 ROSEY (CD₃OH) of Gymnangiamide

MTDDP - NCI, FCRDC