# Fluorescent analogs of the marine natural product psammaplin A: synthesis and biological activity

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**Supporting Information** 

Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is C The Royal Society of Chemistry 2012 <sup>1</sup>H NMR spectrum (200 MHz, acetone- $d_6$ )



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<sup>1</sup>H NMR spectrum (400 MHz, DMSO-*d*<sub>6</sub>)





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<sup>1</sup>H NMR spectrum (400 MHz, DMSO-*d*<sub>6</sub>)











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<sup>1</sup>H NMR spectrum (400 MHz, DMSO-*d*<sub>6</sub>)



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<sup>1</sup>H NMR spectrum (400 MHz, CDCl<sub>3</sub>)





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<sup>1</sup>H NMR spectrum (600 MHz, DMSO- $d_6$ )











<sup>13</sup>C NMR spectrum (150 MHz, DMSO- $d_6$ )



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> 0.00000 11.750 8.049 8.039 8.030 6.999 6.985 6.631 6.617 3.426 3.415 3.403 3.393 3.207 3.196 3.185 3.175 2.800 2.789 9.183 3.678 2.812 2.750 2.738 2.727 2.503 1.369 [] ſ ] [ IJ ſ ſ ſ 2.800 2.750 2.812 2.789 0 2 Z20 Н  $\cap$ S 'N H ö ́но<sup>\_ №</sup> HO (E)**-22** 11 11 MM 2.09 2.19 minninninni 2.800720700 ppm (t1) Ψ Щ Ψ Ψ Y Y Y Ψ Ų 0.99 9.01 1.00 1.00 2.19 2.00 2.13 2.05 2:0<del>9</del> 2.18 10.0 5.0 0.0

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<sup>13</sup>C NMR spectrum (150 MHz, DMSO-*d*<sub>6</sub>)



Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012 <sup>1</sup>H NMR spectrum (400 MHz, acetone- $d_6$ )





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<sup>1</sup>H NMR spectrum (400 MHz, CDCl<sub>3</sub>)







### Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012 <sup>1</sup>H NMR spectrum (600 MHz, DMSO-*d*<sub>6</sub>)









## Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012 ${}^{1}H$ NMR spectrum (400 MHz, acetone- $d_{6}$ )



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## <sup>13</sup>C NMR spectrum (100 MHz, acetone- $d_6$ )



Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012 Expansion from <sup>1</sup>H,<sup>13</sup>C HSQC NMR spectrum (100 MHz, acetone-*d*<sub>6</sub>)



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Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012  $^{13}\mathrm{C}$  NMR spectrum (100 MHz, acetone- $d_6$ )









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> 130.980 127.830 164.683 156.854 155.475 116.038 26.615 24.531 46.625 30.661 30.417 30.225 29.840 29.648 29.455 48.964 30.032 29.263 30.417 30.225 29.840 29.648 29.455 30.661 30.032 29.263 O HO HC (E)-**30** 30.50 30.00 29.50 29.00 ppm (t1) 150 100 50 0



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## <sup>13</sup>C NMR spectrum (100 MHz, acetone- $d_6$ )



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ppm (t1)

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Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry This journal is © The Royal Society of Chemistry 2012 Expansions from <sup>1</sup>H NMR spectra (400 MHz, acetone-*d*<sub>6</sub>)



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