

Corrigendum

Corrigendum to “Total synthesis of hirsutellide A”
[Tetrahedron Lett. 46 (2005) 4377]

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Previously, we published in this journal a letter describing the synthesis of natural cyclopeptide, hirsutellide A. However, the single crystal of the cyclic product was obtained recently and the X-ray diffraction analysis revealed that cyclopeptide **1** we had obtained is the stereoisomer of hirsutellide A (Fig. 1).¹ We found that the wrong starting material was used by mistake, but the specific rotations and NMR data of **1** are very close to hirsutellide A.²

Figure 1 should be revised as follows:

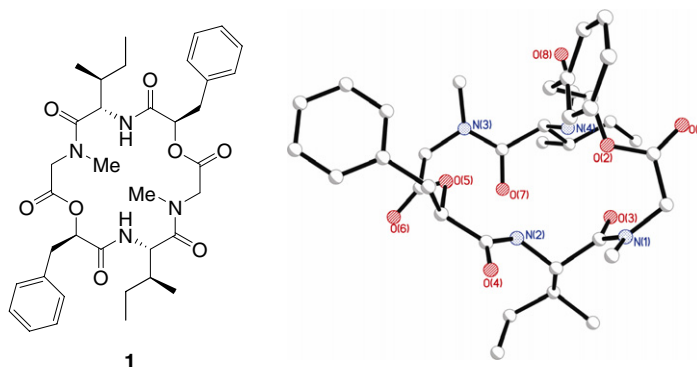


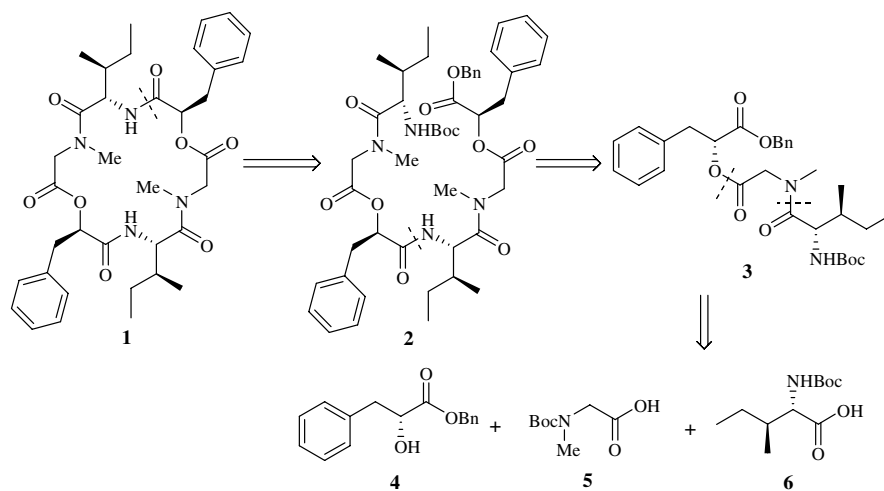
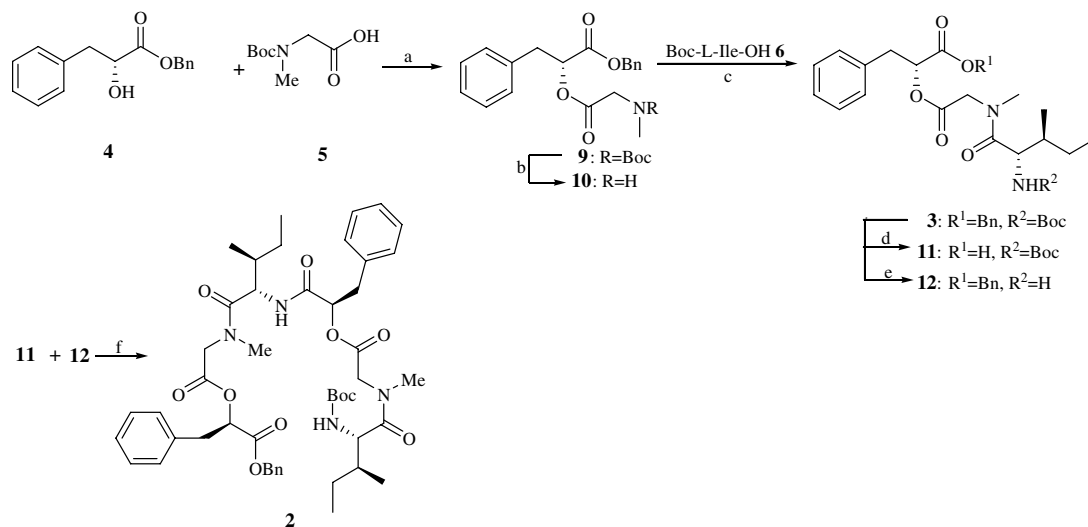
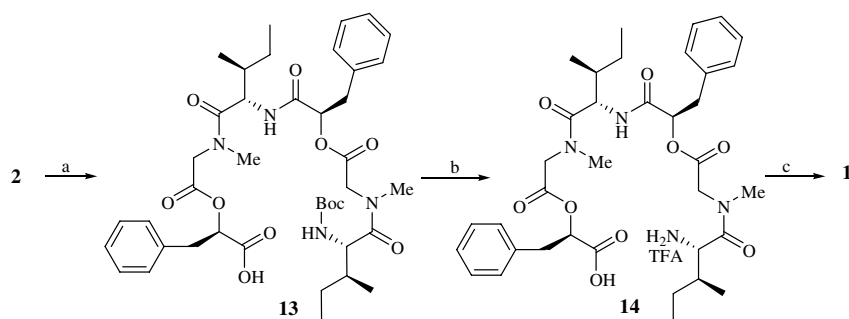
Figure 1. Structure of **1**.

Figure title should be ‘**Figure 1.** Retrosynthetic analysis of cyclohexadepsipeptide **1**’.

Page No. 4378, Line 21 the last sentence should be ‘Unit **6** was the *N*-Boc-protected L-isoleucine.’ *Scheme 3* should be as



Scheme 4 should be corrected as follows:



Page No. 4379, Line 4 should be ‘... 15% yield for cyclopeptide **1**.’ The last sentence ‘The rotation value is consistent with the value of natural product’ should be deleted.

Conclusion part the first sentence should be revised as ‘In conclusion, the cyclohexadepsipeptide **1**, the stereoisomer of hirsutellide A, has been ...’.

In addition, the following errors are to be noted:

The authors and affiliations were accidentally confused by mistake. The list of authors should be corrected as above.

Page No. 4379, Line 5 the sentence should be ‘... when the coupling reagent FDPP (4.5 equiv) was used instead of BOP-Cl.’

Page No. 4379, Line 20 should be ‘... and with FDPP in 22% yield.’

The authors also regret for failing to cite the following references, which were published after the manuscript was submitted for publication, but before it was accepted:

Xu, Y. J.; Duan, X. M.; Li, M. L.; Jiang, L. Q.; Zhao, G. L.; Meng, Y.; Chen, L. G. *Molecules* **2005**, *10*, 259–264.

We apologize to the readers for any confusion that these mistakes may have caused.

References and notes

1. The crystallographic data for cyclodepsipeptide **1**, (excluding structure factors) has been deposited with the Cambridge Crystallographic Data Centre as supplementary publication number CCDC 622350. Copies of the data can be obtained, free of charge, on application to CCDC, 12 Union Road, Cambridge CB2 1EZ, UK (Fax: +44 1223 336033 or e-mail: deposit@ccdc.cam.ac.uk).
2. Compare analytical data of **1** with natural product, **hirsutellide A**. Compound **1**: $[\alpha]_{\text{D}}^{20} -13.8$ (*c* 0.22, CHCl₃). **Hirsutellide A**: $[\alpha]_{\text{D}}^{28} -13.6$ (*c* 0.25, CHCl₃). Compound **1**: ¹H NMR (400 MHz, CDCl₃) δ 7.54 (d, 2NH, *J* = 10.0 Hz), 7.29–7.14 (m, 10H), 5.61 (dd, 2H, *J* = 2.8 Hz, *J* = 11.6 Hz), 4.91 (t, 2H, *J* = 10.2 Hz), 4.44 (d, 2H, *J* = 17.2 Hz), 3.66 (dd, 2H, *J* = 2.8 Hz, *J* = 14.0 Hz), 3.25 (s, 6H), 3.17 (d, 2H, *J* = 17.2 Hz), 2.73 (dd, 2H, *J* = 11.6 Hz, *J* = 14.0 Hz), 2.27–2.20 (m, 2H), 1.57–1.51 (m, 2H), 1.27–1.14 (m, 2H), 0.90 (t, 6H, *J* = 7.4 Hz), 0.85 (d, 6H, *J* = 6.8 Hz). **Hirsutellide A**: ¹H NMR (400 MHz, CDCl₃) δ 7.57 (d, 2NH, *J* = 9.7 Hz), 7.28 (dd, 4H, *J* = 7.0 Hz, *J* = 7.0 Hz), 7.23 (m, 2H), 7.16 (br d, 4H, *J* = 7.0 Hz), 5.63 (dd, 2H, *J* = 2.9 Hz, *J* = 11.8 Hz), 4.93 (dd, 2H, *J* = 10.1 Hz, *J* = 9.7 Hz), 4.46 (d, 2H, *J* = 17.2 Hz), 3.68 (dd, 2H, *J* = 2.8 Hz, *J* = 14.0 Hz), 3.27 (s, 6H), 3.20 (d, 2H, *J* = 17.1 Hz), 2.74 (dd, 2H, *J* = 11.9 Hz, *J* = 14.0 Hz), 2.24 (m, 2H), 1.55 (m, 2H), 1.19 (m, 2H), 0.91 (t, 6H, *J* = 7.4 Hz), 0.87 (d, 6H, *J* = 6.7 Hz). Compound **1**: ¹³C NMR (100 MHz, CDCl₃) δ 174.08, 168.77, 166.82, 136.16, 129.11, 128.58, 127.11, 74.07, 52.33, 51.75, 38.73, 37.90, 35.86, 24.27, 15.38, 10.17. **Hirsutellide A**: ¹³C NMR (100 MHz, CDCl₃) δ 174.1, 168.8, 166.8, 136.1, 129.1, 128.6, 127.1, 74.1, 52.3, 51.7, 38.7, 37.9, 35.8, 24.2, 15.4, 10.2.