Organic & Biomolecular Chemistry

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ADDITIONS & CORRECTIONS

Metal ion induced allosteric transition in the catalytic activity of an artificial phosphodiesterase

Shinji Takebayashi, Seiji Shinkai, Masato Ikeda and Masayuki Takeuchi

Org. Biomol. Chem., 2008, **6**, 493–499 (DOI: 10.1039/B716196D)

There was an error in the name of compound **6** in the Experimental section on page 498. The correct name is 4-[(trimethylsilyl)methyl]-4′-methyl-2,2′-bipyridine.

A simple method for C-6 modification of guanine nucleosides

Mahesh K. Lakshman and Josh Frank

Org. Biomol. Chem., 2009, **7**, 2933–2940 (DOI: 10.1039/b905298d)

The authors regret the following errors:

In column 2 of page 2933: derivate should be derivative.

In the Experimental, the correct $[M + H]^+$ for compounds should be as follows.

3: $C_{34}H_{59}N_8O_5Si_3$, **5**: $C_{32}H_{63}N_6O_5Si_3$, **6**: $C_{32}H_{65}N_6O_4Si_3$, **7**: $C_{33}H_{66}N_7O_4Si_3$, **8**: $C_{36}H_{65}N_6O_4Si_3$, **9**: $C_{29}H_{58}N_5O_5Si_3$, **10**: $C_{30}H_{60}N_5O_5Si_3$, **11**: $C_{31}H_{60}N_5O_5Si_3$, **12**: $C_{35}H_{62}N_5O_4SSi_3$.

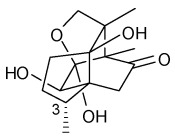
Chemoenzymatic and enantiodivergent routes to 1,2-ring-fused bicyclo[2.2.2]octane and related tricyclic frameworks

Kerrie A. B. Austin, Jon D. Elsworth, Martin G. Banwell and Anthony C. Willis

Org. Biomol. Chem., 2010, **8**, 751–754 (DOI: 10.1039/b921600f)

The authors regret the following error:

The configuration at C3 in compound **2** (11-*O*-debenzoyltashironin) was drawn incorrectly. The correct structure is shown below:



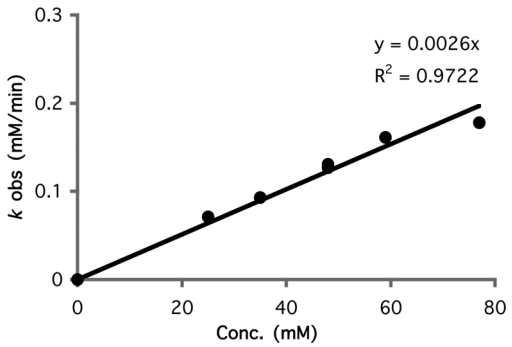
2

Mechanistic investigations of multidentate organocatalyst-promoted counterion catalysis for fast and enantioselective aza-Morita–Baylis–Hillman reactions at ambient temperature

Christopher Anstiss, Jean-Marc Garnier and Fei Liu

Org. Biomol. Chem., 2010, **8**, 4400–4407 (DOI: 10.1039/c0ob00069h)

Fig. 3 was incorrectly plotted. The correct Fig. 3 is given below:



The reference to Fig. 3 as "zero order" (page 4402, line 78; page 4403, line 4 and 10; page 4404, line 17) should be "first order" to reflect the correct Fig. 3 plot. It also follows from the correct Fig 3 that the aldol step involving the imine is rate limiting (page 4403, line 5) and that the Michael step may be rate limiting under pre-saturation conditions (page 4404, line 18).

Practical access to highly enantioenriched quaternary carbon Michael adducts using simple organocatalysts

Thomas C. Nugent, Mohammad Shoaib and Amna Shoaib

Org. Biomol. Chem., 2011, **9**, 52–56 (DOI: 10.1039/c0ob00822b)

The authors regret the following error:

In Fig. 2, the label synclinal II (*cis*-*Re*,*Re*) is incorrect, it should have been labeled synclinal II (*cis*-*Si*,*Re*).

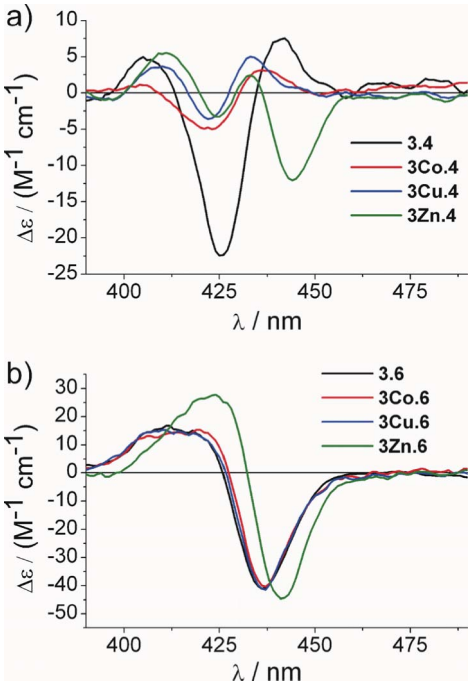
Introducing structural flexibility into porphyrin–DNA zipper arrays

Ashley Brewer, Guiliano Siligardi, Cameron Neylon and Eugen Stulz

Org. Biomol. Chem., 2011, **9**, 777–782 (DOI: 10.1039/C0OB00535E)

The authors regret the following error:

Fig. 4b had the curves incorrectly labelled. The correct figure is shown below.



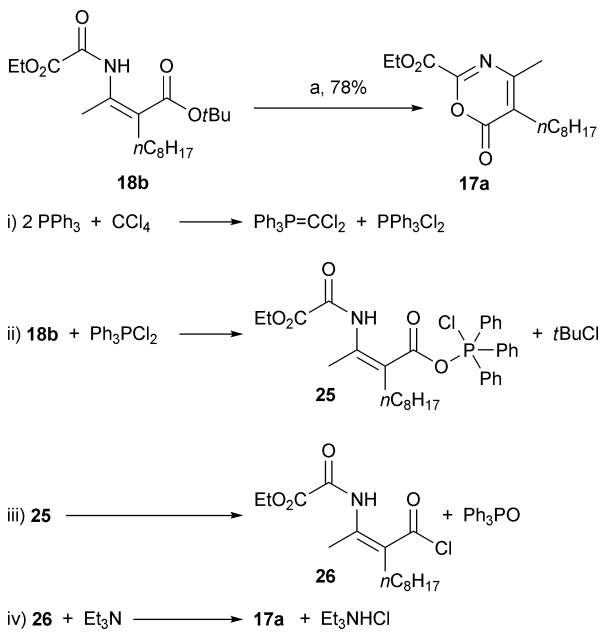
A new diversity oriented and metal-free approach to highly functionalized 3*H*-pyrimidin-4-ones

Renata Riva, Luca Banfi, Andrea Basso and Paola Zito

Org. Biomol. Chem., 2011, **9**, 2107–2122 (DOI: 10.1039/c0ob00978d)

The authors regret the following errors:

In Scheme 5 the phosphorus atom was missing from compound **25** and in equation iii) Ph_3PCl_2 should be deleted. The corrected scheme is shown below.



Scheme 5 *Reagents and conditions*: a) PPh_3/CCl_4, Et_3N, CH_2Cl_2, reflux.

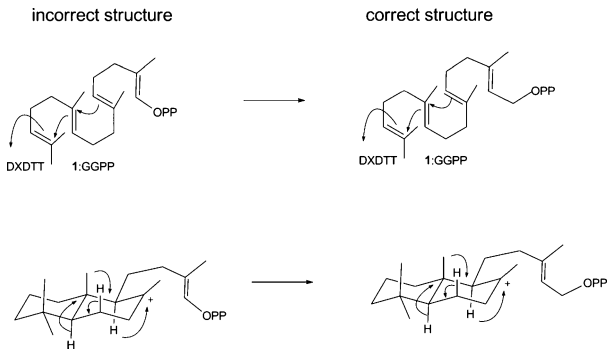
Substrate specificity of Rv3378c, an enzyme from *Mycobacterium tuberculosis*, and the inhibitory activity of the bicyclic diterpenoids against macrophage phagocytosis

Tsutomu Hoshino, Chiaki Nakano, Takahiro Ootsuka, Yosuke Shinohara and Takashi Hara

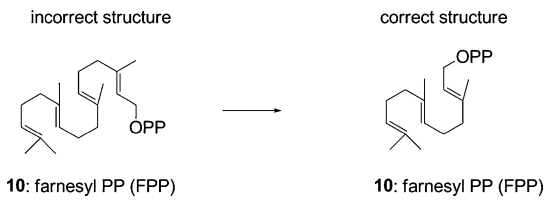
Org. Biomol. Chem., 2011, **9**, 2156–2165 (DOI: 10.1039/c0ob00884b)

The authors regret the following errors:

1) Two compounds in Scheme 1 were incorrect. Their correct structures are given below:



2) The structure of compound **10** in Fig. 1 was incorrect. The correct structure is given below:



3) The name of compound **12** (p. 2156, right column, lines 9 and 8 from the bottom of the page) was spelled incorrectly. The correct spelling is "terpentetriene".

4) A compound number for *ent*-13*R*-manool (p. 2159, right column, line 16 from the bottom of the page) was incorrect. The correct compound number is **26a**.

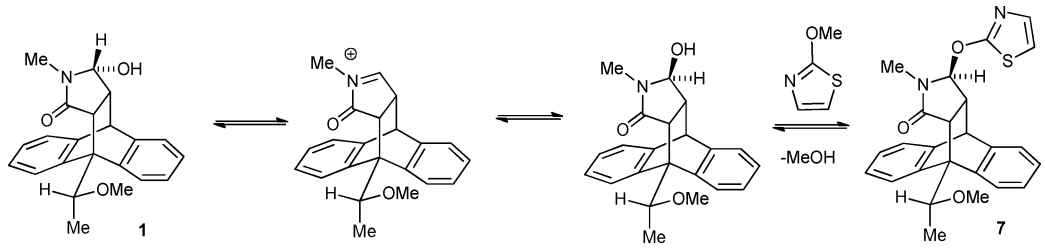
Synthesis of quaternary stereogenic centres *via* stereoselective intermolecular Friedel–Crafts reactions

Jennifer C. Ball, Robert Gleave and Simon Jones

Org. Biomol. Chem., 2011, **9**, 4353–4360 (DOI: 10.1039/c1ob05129f)

The authors regret the following error:

The original scheme had the wrong structure drawn for the intermediate of the hydroxy-lactam isomerisation. This revised version shows the correct intermediate.



Synthesis of pyrrole and indole quinoxalinone and oxazinone derivatives by intramolecular copper-catalyzed reactions

Victoria A. Vaillard, Roberto A. Rossi and Sandra E. Martín

Org. Biomol. Chem., 2011, **9**, 4927–4935 (DOI: 10.1039/C1OB05269A)

The authors regret the structures of **3a**, **3b**, **3c**, **3d**, **3e**, **5a**, **5b** and **5c** were found to be incorrect. The correct structures are shown below.

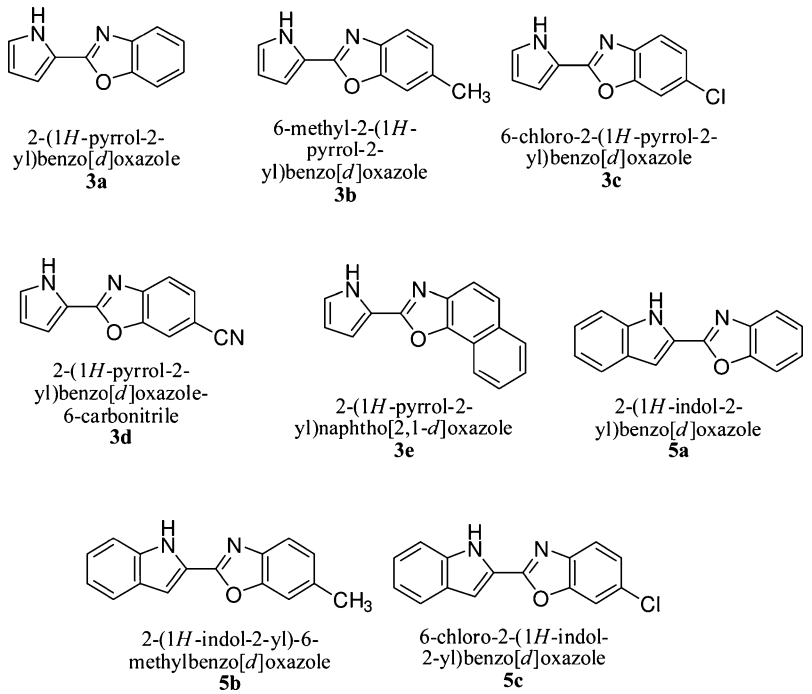


Fig. 1 Benzoxazole ring obtained by intramolecular cooper-catalyzed reaction with carboxamides derived from pyrrole and indole.

Further information is given in the ESI relating to the addition and correction.

Enantioselective binding of a lanthanide(III) complex to human serum albumin studied by ^{1}H STD NMR techniques

David M. Dias, João M. C. Teixeira, Ilya Kuprov, Elizabeth J. New, David Parker and Carlos F. G. C. Geraldes

Org. Biomol. Chem., 2011, **9**, 5047–5050 (DOI: 10.1039/c1ob05524k).

The authors regret the following errors:

The captions to Fig. 1 and 3 and the section in the text on docking simulation studies (page 5050) should refer to (*SSS*)-Λ-$[YL]^{3+}$ and not to (*SSS*)-Δ-$[YL]^{3+}$. Thus the DFT calculated structure and the low energy protein-docked structure both refer to the (*SSS*)-metal complex that has inverted helicity.

Profiling the tuneable R-SMS-Phos structure in the rhodium(I)-catalyzed hydrogenation of olefins: the last stand?

Michel Stephan, Damjan Šterk, Borut Zupančič and Barbara Mohar

Org. Biomol. Chem., 2011, **9**, 5266–5271 (DOI: 10.1039/c1ob05364g)

In Table 1, the column headings for S4 and S7 should read *t* (h) not *t* (min).

Signaling of hypochlorous acid by selective deprotection of dithiolane

Jiyoung Hwang, Myung Gil Choi, Jihee Bae and Suk-Kyu Chang

Org. Biomol. Chem., 2011, **9**, 7011–7015 (DOI: 10.1039/c1ob06012k)

The authors regret the following error:

Throughout the article there is an error in the nomenclature: dithiolane should read dithiane.

We are grateful to the reader who pointed out this mistake.

Chromo-fluorogenic detection of aldehydes with a rhodamine based sensor featuring an intramolecular deoxylactam

Zhu Li, Zhongwei Xue, Zhisheng Wu, Jiahuai Han and Shoufa Han

Org. Biomol. Chem., 2011, **9**, 7652–7654 (DOI: 10.1039/C1OB06448G)

The authors regret the following error:

Reference 11 of this paper should be as below and not as in the original publication:

(a) Q. A. Best, R. Xu, M. E. McCarroll, L. Wang, D. J. Dyer, *Org. Lett.*, 2010, **12**, 3219; (b) X. Wu, Z. Wu, S. Han, *Chem. Comm.*, 2011, **47**, 11276.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

Additions and corrections can be viewed online by accessing the original article to which they apply.

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RETRACTION

Recognition of D-fructose based on tetra-boronic functionalized viologen in aqueous solution

Liheng Feng, Fei Liang, Yue Wang, Guofeng Wang and Xiaoju Wang

Org. Biomol. Chem., 2011 (DOI: 10.1039/C1OB05265A). **Retraction published 7 September 2011**

We, the named authors, hereby wholly retract this *Organic & Biomolecular Chemistry* article, due to insufficient experimental data being available to explain the results.

Signed: Liheng Feng, Fei Liang, Yue Wang, Guofeng Wang and Xiaoju Wang, September 2011

Retraction endorsed by Richard Kelly, Editor, *Organic & Biomolecular Chemistry*