Erratum

Helvetica Chimica Acta **1990**, *73,* No. 2, p. 439: 'Diastereoselective Spirocyclization of *C*-(Alkyloxycarbonyl)formimines of 2-Substituted 1*H*-Indole-3-ethanamines (=Tryptamines): Basic Studies' by **Ralf Freund**, **Siavosh Mahboobi**, **Klaus Noack**, **Peter Schönholzer**, and **Karl Bernauer***[1])

The partial structures **A** and **B** (*Scheme 3*, p. 441) represent (+)-menth-3-yloxy and (+)-8-(phenylmenth-3-yl)oxy, respectively, and *not*, as stated, the (−)-enantiomers[2]). The reagents *used experimentally* were (−)-menthol and (−)-8-phenylmenth-3-ol. For the latter, this has been corroborated unequivocally by a refined X-ray analysis[3]) of the spirotricycle obtained according to the sequence **9** → **15** → **19** [*Scheme 3*, R* = (−)-8-(phenylmenth-3-yl)oxy]. This compound is to be referred to as (2′*S*,3*R*)-**19B**. *Fig. 5 (*p. 448*)* has to be replaced by its mirror image. The statement *b*) (p. 447) that identical chiral groups R* lead, in the 2-Me series, to (3*S*)-configured products, in the 2-(3,4-dimethoxyphenyl) series, however, to (3*R*) products, has to be withdrawn.

The described false stereochemical assignment is the result of a combination of two errors that masked each other: *1*) Upon labelling, the samples of the two stereoisomers **21B** (*Scheme 4*, p. 445) to be used for CD were exchanged and, therefore, their spectra wrongly assigned. *2*) From the thus erroneously deduced absolute configurations, those of the chemically correlated isomers **19B** seemed to follow and were 'confirmed' by

Table. *Revised Absolute Configurations of the Spirotricycles*

Ref.	Compound	Revised Configuration
[1]	**19B** (major isomer)	(2′*S*,3*R*)
	19D (major isomer)	(2′*S*,3*R*)
	19D (minor isomer)	(2′*R*,3*S*)
	21B (major isomer)	(2′*S*,3*R*)
	21B (minor isomer)	(2′*S*,3*S*)
[2]	**10a–e**	(2′*S*,3*R*)
	18	(2′*S*,3*R*)
[3]	**16, 17**	(2′*S*,3*R*)
	19a/19b	(2′*S*,3*R*)[a])

[a]) CD Comparison with (−)-tabersonine is *in agreement* with the (3*R*)-configuration.

[1]) Retired. Private address: Wartenbergstrasse 30, CH-4104 Oberwil.

[2]) Dr. *Ralf Freund*, private communication.

[3]) *K. B.* has to thank Dr. *Michael Henning*, *F. Hoffmann-La Roche AG*, for the analysis. Coordinates and thermal parameters have been deposited as CCDC 1778033 with the *Cambridge Crystallographic Data Centre* and can be requested *via* the internet at http://www.ccdc.cam.ac.uk/data_request/cif.

checking the one of (−)-8-(phenylmenth-3-yl)oxy, using the suppliers catalogue[4]). There, the structural formulae of (−)- and (+)-8-phenylmenthol are exchanged.

(2′*S*,3*R*)-**19B**, a well-crystallizing and stable spirotricycle, served as reference structure in a system of chemical and chiroptical correlations [1–3], which, consequently, needs correction. In the *Table* below, the revised configurational data are compiled.

REFERENCES

[1] R. Freund, S. Mahboobi, K. Noack, P. Schönholzer, K. Bernauer, *Helv. Chim. Acta* **1990***, 73,* 439.
[2] R. Freund, S. Martinovic, K. Bernauer, *Helv. Chim. Acta* **1992**, *75,* 282.
[3] R. Freund, C. Allagiannis, P. Schönholzer, K. Bernauer, *Helv. Chim. Acta* **1994**, *77*, 615.

Received October 18, 2005

[4]) *Merck*, Reagentien Diagnostica Chemikalien, 1990/91, p. 1003.