



Contents lists available at ScienceDirect

Bioorganic & Medicinal Chemistry Letters

journal homepage: www.elsevier.com/locate/bmcl

Corrigendum

Corrigendum to “Synthesis and in vitro evaluation of salvinorin A analogues: Effect of configuration at C(2) and substitution at C(18)” [Bioorg. Med. Chem. Lett. 16 (2006) 4679–4685]

Cécile Béguin ^{a,*}, Michele R. Richards ^a, Jian-Guo Li ^b, Yulin Wang ^b, Wei Xu ^b, Lee-Yuan Liu-Chen ^b, William A. Carlezon, Jr. ^c, Bruce M. Cohen ^a

^a Molecular Pharmacology Laboratory, McLean Hospital, 115 Mill Street, Belmont, MA 02478, USA

^b Department of Pharmacology, Temple University School of Medicine, 3420 N. Broad Street, Philadelphia, PA 19140, USA

^c Behavioral Genetics Laboratory, McLean Hospital, 115 Mill Street, Belmont, MA 02478, USA

Reexamination of the NMR data indicates that the authors did not prepare compounds **7b**, **12b**, and **13b**. The actual products were **7a**, **12a**, and **13a**, respectively, as shown by a diaxial coupling constant in the H-2 multiplets. Therefore, all references to **7b**, **12b**, and **13b** should be corrected to **7a**, **12a**, and **13a**, respectively.

However, the ¹H NMR data for azides **28a** and **28b** (direct precursors of **7a** and **7b**, respectively) confirm the original structure assignments and suggest that epimerization occurred at C-2 during the Staudinger reaction (see Scheme 2, steps e and f).

Compound 28a: ¹H NMR (CDCl₃) δ 1.12 (s, 3H), 1.47 (s, 3H), 1.52–1.80 (m, 4H), 2.05–2.23 (m, 4H), 2.34 (ddd, *J* = 3.5, 7.4, 13.7 Hz, 1H), 2.59 (dd, *J* = 5.1, 13.2 Hz, 1H), 2.71 (dd, *J* = 3.5, 13.4 Hz, 1H), 3.73 (s, 3H), 3.92 (dd, *J* = 7.3, 12.8 Hz, 1H), 5.56 (dd, *J* = 5.1, 11.7 Hz, 1H), 6.38–6.39 (m, 1H), 7.40–7.43 (m, 2H).

Compound 28b: ¹H NMR (CDCl₃) δ 1.10 (s, 3H), 1.43 (s, 3H), 1.55–1.76 (m, 4H), 2.01–2.18 (m, 3H), 2.38 (ddd, *J* = 4.2, 13.2, 15.0 Hz, 1H), 2.56 (dd, *J* = 5.6, 13.3 Hz, 1H), 2.61 (s, 1H), 2.87 (dd, *J* = 3.3, 13.2 Hz, 1H), 3.71 (s, 3H), 3.96 (dd, *J* = 2.4, 3.9 Hz, 1H), 5.55 (dd, *J* = 5.4, 11.4 Hz, 1H), 6.40 (br s, 1H), 7.40–7.43 (m, 2H).

DOI of original article: [10.1016/j.bmcl.2006.05.093](https://doi.org/10.1016/j.bmcl.2006.05.093).

* Corresponding author. Tel.: +1 617 855 2080; fax: +1 617 855 3479.

E-mail address: cbeguin@mclean.harvard.edu (C. Béguin).