

Additions and Corrections

Vol. 57, 1992

F. Wang, B. Venkataraman, M. E. Klein, and L. M. Sayre*. Transaminative Desilylation of (Aminomethyl)trimethylsilane and Transitory Inactivation of Plasma Amine Oxidase

Page 6688. Upon reinvestigation of the transient inactivation of bovine plasma amine oxidase (BPAO) by (aminomethyl)trimethylsilane (AMTMS), we have found that the data reported in Figure 1 was a consequence of hydrazine HCl contaminating the preparation of AMTMS·HCl used in this study. The hydrazine contamination resulted from its use in the final step of the Gabriel synthesis of AMTMS. We calculate that the amount of $\text{H}_2\text{NNH}_2\cdot\text{HCl}$ contaminant needed to have produced this result¹ was about 0.5 wt %, well below the level that would be reliably detectable by CHN analysis. We caution all investigators involved in the development of amine oxidase inhibitors to be aware of this potential problem if a hydrazine deprotection step is used in the synthesis.

Despite this finding, the enzymologic mechanistic conclusions reached on the basis of the model quinone-mediated transaminative desilylation results are still valid, since we have found that pure AMTMS and several of its analogues, most notably $\text{PhCH}_2\text{CH}_2\text{Si}(\text{CH}_3)_2\text{CH}_2\text{NH}_2$ were found to be metabolism-dependent inhibitors of quinone-dependent amine oxidases besides BPAO, most notably the mammalian connective tissue semicarbazide-sensitive amine oxidases and the bacterial copper amine oxidases.²

(1) Lee, Y.; Jeon, H.-B.; Huang, H.; Sayre, L. M. *J. Org. Chem.* **2001**, *66*, 1925.

(2) Holt, A.; Palcic, M. M.; Sayre, L. M. Unpublished studies.

JO0040442

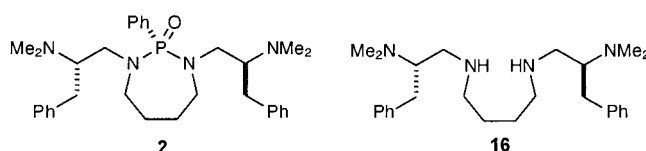
10.1021/jo0040442

Published on Web 02/20/2001

Vol. 65, 2000

Kevin T. Sprott, and Paul R. Hanson*. The Synthesis of Sterically Demanding Amino Acid-Derived Cyclic Phosphonamides

Page 7913: Structures **2** (pp 7913, 7915, and Table of Contents) and **16** (p 7915) should be drawn as follows:



JO004043+

10.1021/jo004043+

Published on Web 02/27/2001

Vol. 66, 2001

Yongsheng Tan, Thomas Hartmann, Volker Huch, Heinz Dürr,* Pierre Valat, Veronique Wintgens, and Jean Kossanyi. A New Photochromic 8π -System Based on an Azaheptatriene-Tetrahydroazepinoisoquinoline Electrocyclization.

Page 1137. The Supporting Information paragraph for this paper is given below.

Supporting Information Available: NMR data for **5q.p** and **4a.i**, comparison of ^1H NMR-7-Ring-THAI **4x** and 5-Ring-THI **5m**, and tables of experimental data. This material is available free of charge via the Internet at <http://pubs.acs.org>.

JO012981J

10.1021/jo012981j

Published on Web 02/21/2001