

Chiral *o*-Methoxyaryldiazaphosphonamides – A New Class of Efficient Lewis Bases in the Catalytic Asymmetric Ring Opening of Cyclooctene Oxide with Silicon Tetrachloride^[†]

G rard Buono^[a]

This paper reported a new class of diastereomerically pure *ortho*-methoxydiazaphosphonamide Lewis bases prepared from the corresponding *o*-hydroxyarylphosphonamides. These bases have been applied to the catalytic asymmetric ring opening of cyclooctene oxide with SiCl₄. During the last weeks, I disclosed in a correspondence (corrigenda) to *Angewandte Chemie* that I personally could not reproduce results previously published in this journal about the opening of cyclooctene oxide by such Lewis base catalysts.^[1] Instead, I obtained results similar to those reported by Denmark et al. in their rebuttal of our original communication.^[2] To date, my co-workers^[4] have been unable to provide an appropriate scientific rationale for the non-reproducibility of the former results and several inconsistencies I

found in analytical data they provided me with. Consequently, all the material concerning asymmetric catalysis in the paper previously published in this journal should be considered as irrelevant. Therefore, I wish to withdraw this article.

[1] G. Buono, *Angew. Chem. Int. Ed.* **2001**, *40*, 6001.

[2] S. E. Denmark, T. Wynn, B. G. Jellerichs, *Angew. Chem.* **2001**, *113*, 2315; *Angew. Chem. Int. Ed.* **2001**, *40*, 2255.

[3] J. M. Brunel, O. Legrand, S. Reymond, G. Buono, *Angew. Chem.* **2000**, *112*, 2654; *Angew. Chem. Int. Ed.* **2000**, *39*, 2554.

[4] Except O. L. who left my group in July 1999.

Received December 5, 2001

[W 000436]

[†] S. Reymond, O. Legrand, J. M. Brunel, G. Buono, *Eur. J. Org. Chem.* **2001**, 2819–2823.

[a] UMR CNRS 6516, Facult  de St J r me, ENSSPICAM, Avenue Escadrille Normandie Niemen, 13397 Marseille Cedex 20, France

Fax: (internat.) + 33-4/91027776

E-mail: buono@spi-chim.u-3mrs.fr