

## Chiral *o*-Methoxyaryldiazaphosphonamides – A New Class of Efficient Lewis Bases in the Catalytic Asymmetric Ring Opening of Cyclooctene Oxide with Silicon Tetrachloride<sup>[‡]</sup>

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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 SiCl<sub>4</sub>. 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.<sup>[1]</sup> Instead, I obtained results similar to those reported by Denmark et al. in their rebuttal of our original communication.<sup>[2]</sup> To date, my co-workers<sup>[4]</sup> 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.

<sup>[1]</sup> G. Buono, *Angew. Chem. Int. Ed.* **2001**, *40*, 6001.

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

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

<sup>[4]</sup> Except O. L. who left my group in July 1999.

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<sup>[‡]</sup> S. Reymond, O. Legrand, J. M. Brunel, G. Buono, *Eur. J. Org. Chem.* **2001**, 2819–2823.

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