

# Synthese und Kristallstruktur von *meso*- R(Ph)Sb-Sb(Ph)R [R = (Me<sub>3</sub>Si)<sub>2</sub>CH]

Synthesis and Crystal Structure of *meso*-  
R(Ph)Sb-Sb(Ph)R [R = (Me<sub>3</sub>Si)<sub>2</sub>CH]

Lucia Balázs<sup>a</sup>, Hans Joachim Breunig<sup>a</sup>,  
Cristian Silvestru<sup>b</sup>, and Richard Varga<sup>b</sup>

<sup>a</sup> Institut für Anorganische und Physikalische Chemie,  
Universität Bremen, D-28334 Bremen, Germany

<sup>b</sup> Facultatea de Chimie si Inginiere Chimica, Universitatea  
Babes-Bolyai, RO-400028 Cluj-Napoca, Romania

Sonderdruckanforderungen an Prof. Dr. H. J. Breunig.  
Fax: 0049-421-218-4042.  
E-mail: breunig@chemie.uni-bremen.de

Z. Naturforsch. **60b**, 1321 – 1323 (2005);  
eingegangen am 16. September 2005

R(Ph)Sb-Sb(Ph)R (**1**) [R = (Me<sub>3</sub>Si)<sub>2</sub>CH] is formed by reduction of Ph(R)SbCl with Mg. The *meso*-diastereomer of **1** has been characterised by X-ray crystallography. It adopts an antiperiplanar conformation in the solid state.

*Key words:* Antimony, Group 15 Element, Sb-Sb Bond,  
Organoantimony Compound