

Synthesis and Characterization of 1-Allyl-3,7,10-trimethylgermatrane and 1-Allylazagermatranes

Galina S. Zaitseva^{a,*}, Bettina A. Siggelkow^b, Sergey S. Karlov^a, Gleb V. Pen'kovoy^a, Jörg Lorberth^{b,*}

^a Chemistry Department, Moscow State University,
B-234 Vorob'evy Gory, 119899 Moscow, Russia

^b Fachbereich Chemie, Philipps-Universität Marburg,
Hans-Meerwein-Straße, D-35032 Marburg / Lahn, Germany

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The reaction between Br_3GeAll (**1**) and $\text{N}(\text{CH}_2\text{CHMeOSnBu}_3)_3$ (**2**, mixture of isomers) yielded $\text{N}(\text{CH}_2\text{CHMeO})_3\text{GeAll}$ (**3**) as a mixture of diastereomers. Three azagermatranes of the type $\text{N}(\text{CH}_2\text{CH}_2\text{NR})_3\text{GeAll}$ (**9**, R = H; **10**, R = Me; **11**, R = Me_3Si) have been synthesized from the reaction of $(\text{Me}_2\text{N})_3\text{GeAll}$ (**5**) with $\text{N}(\text{CH}_2\text{CH}_2\text{NHR})_3$ (R = H, **6**; Me, **7**; Me_3Si , **8**). Composition and structures of the new compounds were established by elemental analyses, ^1H and ^{13}C NMR spectroscopy and mass spectrometry.

* Reprint requests to Prof. Dr. J. Lorberth or Dr. G. S. Zaitseva.