

defined by the hydrozirconation step. Also, to our knowledge, the direct hydroboration of 1-buten-3-yne to generate dienyls of type **5a** has not been achieved.

These dienyl transfer processes, also referred to generally as transmetalation reactions, operate for a wide variety of metal and metalloid  $L_nMX$  species.<sup>9</sup> One notable exception is  $Me_3SiCl$  for which no reaction is observed even at high temperatures. Attempts to make the silicon center more electrophilic by the use of better leaving groups (e.g. 1-(trimethylsilyl)imidazole or trimethylsilyl trifluoromethanesulfonate) also failed to generate the corresponding 1,3-dienylsilanes. On thermodynamic grounds, it would appear that the Si-X bond energy is too similar to the corresponding Zr-X bond energy<sup>10</sup> and thus there is no strong driving force for transfer from Zr to Si.<sup>11</sup>

(9) We have observed similar transfer reactions from Zr to S, Ge, Ga.

(10) The average bond dissociation energy<sup>10b</sup> for Zr-Cl ( $ZrCl_4$ ) is 117 kcal mol<sup>-1</sup> and the Si-Cl bond dissociation energy in  $Me_3SiCl$  is calculated<sup>10c</sup> to be 97.4 kcal mol<sup>-1</sup>. (b) Huheey, J. E. *Inorganic Chemistry: Principles of Structure and Reactivity*, 3rd ed.; Harper and Row: New York, 1983; p 846. (c) Pilcher, G. *Thermochemistry of Organometallic Compounds Containing Metal-Carbon Linkages. International Review of Science, Physical Chemistry, Series 2*; Butterworths: London, 1975; Vol. 10, Chapter 2, p 45.

These highly functionalized 1,3-dienes are now being evaluated in the Diels-Alder reaction, particularly with respect to stereospecificity and regiochemistry. This and the photolability of these new dienes will be reported in due course.

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**Supplementary Material Available:** Experimental details, analytical and spectroscopic data for compounds **4a-d**, **4'a-d**, and **5a-d**, and <sup>1</sup>H NMR spectra of **4''b** and **4''d** (8 pages). Ordering information is given on any current masthead page.

(11) A similar lack of reactivity in the transfer reaction from Zr to Si was observed even with use of  $SiCl_4$ , see ref 6.

**Michael D. Fryzuk,\* Gordon S. Bates, Charles Stone**

*Department of Chemistry  
University of British Columbia  
2036 Main Mall  
Vancouver, B.C., Canada V6T 1Y6  
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## Additions and Corrections

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**Giovanni Palmisano,\* Bruno Danieli, Giordano Lesma,\* Federica Trupiano, and Tullio Pilati.** Oxidation of  $\beta$ -Anilinoacrylate Alkaloids Vincadifformine and Tabersonine by Fremy's Salt. A Mechanistic Insight into the Rearrangement of *Aspidosperma* to *Hunteria* Alkaloids.

Page 1057, ref 1. We regret having overlooked the following references to relevant synthesis of *Aspidosperma* alkaloids vindorosine and vindoline when writing our paper and are grateful to Dr. Y. Langlois for calling them to our attention: Andriamialisoa, R. Z.; Langlois, N.; Langlois, Y. *J. Org. Chem.* **1985**, *50*, 961. Génin, D.; Andriamialisoa, R. Z.; Langlois, N.; Langlois, Y. *Heterocycles* **1987**, *26*, 377.