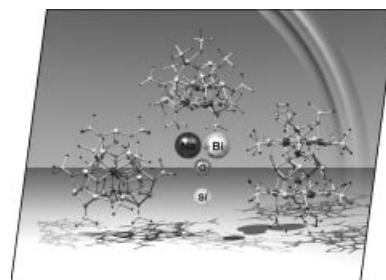




The editorial staff and the publishers thank all readers, authors, referees, and advertisers for their interest and support over the past year and wish them all a happy new year.

COVER PICTURE

The cover picture shows three heterobimetallic sodium-bismuth-oxo silanolates: $[\text{Bi}_{10}\text{Na}_5\text{O}_7(\text{OH})_6(\text{OSiMe}_3)_{15}]$ (2), $[\text{Bi}_{15}\text{Na}_3\text{O}_{18}(\text{OSiMe}_3)_{12}]$ (3) and $[\text{Bi}_{14}\text{Na}_8\text{O}_{18}(\text{OSiMe}_3)_{14}(\text{thf})_4]$ (4). These novel polynuclear metal-oxo clusters were obtained in addition to the hexanuclear oxygen-centred complex $[\text{Bi}_2\text{Na}_4\text{O}(\text{OSiMe}_3)_8]$ (1), which represents a well-known structural motif found in several heterometallic group 15/group 1 compounds. As result of the similar ionic radii of sodium and bismuth and the flexible coordination chemistry of these main group metals, the formation of a large variety of heterobimetallic molecular structures is conceivable. Structural relationships between the metal-oxo silanolates are described and a comparison with other polynuclear bismuth-oxo compounds is given in order to identify basic building blocks. The approach is envisaged to develop rational design strategies towards molecular bismuth-containing precursors for heterometallic materials. Details are discussed in the article by M. Mehring et al. on p. 4891 ff.



MICROREVIEW

Contents

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Variable-Valent Rhenium Chemistry of Conjugated Nitrogenous Ligands: Structure and Reactivity

Keywords: Rhenium / Variable valence / Conjugated nitrogen ligands / Oxygen atom transfer / Isomer specificity / Twin isomerization

