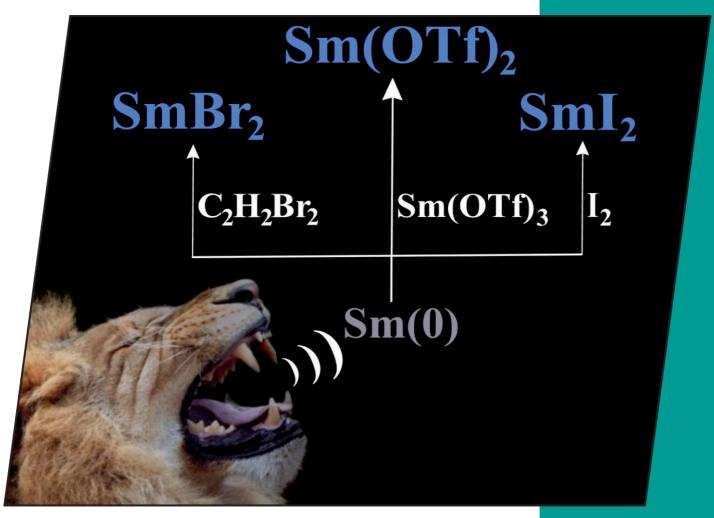


32/2008 2nd November Issue

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Cover Picture

Robert A. Flowers II et al.

Generation of Sm^{II} Reductants Using High Intensity Ultrasound

Microreview

Bernold Hasenknopf, Emmanuel Lacôte, Serge Thorimbert et al. Chirality in Polyoxometalate Chemistry



www.eurjic.org







A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the European Journal of Inorganic Chemistry and the European Journal of Organic Chemistry. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows the sonochemical preparation of samarium diiodide, samarium dibromide, and samarium triflate. The use of high intensity ultrasound (20 kHz) provides a straightforward and rapid approach to the synthesis of Sm^{II} compounds, some of which are not accessible by other means. Of particular importance is the fact that this approach can be used to produce Sm^{II}-based reductants in a wide range of solvents, including alcohols. Details are discussed in the Short Communication by R. A. Flowers II et al. on p. 5015ff. R. A. F. gratefully acknowledges the National Science Foundation (CHE-0413845) for support of this work. Mr. Brian Casey is thanked for his assistance in the preparation of the cover.

