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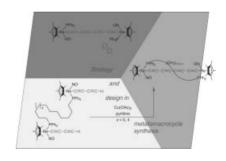
Pages 2185-2356

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COVER PICTURE

The cover picture shows the first example of an isolated organometallic compound containing two terminal alkynes undergoing an intramolecular oxidative coupling. Twenty-two- and twenty-six-membered rings or "metallamacrocycles" are obtained in 18–41% yields. The intramolecular oxidative coupling of organic compounds containing two terminal alkynes has played a critical role in the development of macrocycle chemistry, particularly with annulenes and dehydroannulenes, and macrocyclizations are playing an increasingly important role in organometallic chemistry, particularly as attention turns to architecturally novel types of target molecules that may have applications in materials chemistry or nanotechnology. Details are discussed in the article by J. A. Gladysz et al. on p. 2211 ff.



MICROREVIEW Contents

2197 S. D. Zarić

Metal Ligand Aromatic Cation $-\pi$ Interactions

Keywords: Chelates / Density functional calculations / DNA / Hydrogen bonds / Metalloproteins / Pi interactions / RNA

