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Cover Picture Ken Tanaka et al. Cationic Rhodium(I)/H₈-binap Complex Catalyzed [2+2+2] Cycloadditions

Microreview Gerhard Bringmann et al. Absolute Stereostructure Assignment by Quantum Chemical CD Calculation





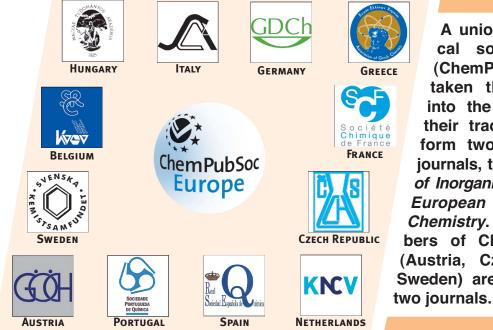
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A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the European Journal of Inorganic Chemistry and the European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

COVER PICTURE

The cover picture shows cationic rhodium(I)/H₈binap complex catalyzed [2+2+2] cycloadditions of 1,6- and 1,7-diynes with carbonyl compounds, leading to dienones. The present rhodium catalysis allows both electron-rich and electron-deficient carbonyl compounds, including acyl phosphonates, to be used. In the reactions involving bifunctional carbonyl compounds or unsymmetrical 1,6diynes, high chemo- or regioselectivities were observed. Details are discussed in the article by K. Tanaka et al. on p. 2737ff.

