DESCRIPTION

PATAI's Chemistry of Functional Groups publishes comprehensive reviews on all aspects of specific functional groups. Each volume contains outstanding surveys on theoretical and computational aspects, NMR, MS, other spectroscopic methods and analytical chemistry, structural aspects, thermochemistry, photochemistry, synthetic approaches and strategies, synthetic uses and applications in chemical and pharmaceutical industries, biological, biochemical and environmental aspects. To date, over 140 volumes have been published in the series.

Metal phenolate chemistry provides synthetic routes to phenols and polyphenols (including calixarenes), which are important compound classes in biological processes such as ageing, signaling and cell repair. They are also increasingly used as scaffolds for pharmaceuticals, and as catalysts. The present volume extends and complements the previous volume, which was published in 2014.

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