DESCRIPTION

Part of a multi-volume work within the series "The Chemistry of Functional Groups", this volume covers the chemistry of the metal-carbon bond as a whole, but lays emphasis on the carbon end. It is also concerned with the use of organometallic compounds in organic and biological synthesis. It includes chapters on synthetic techniques such as sonochemistry, photochemistry and phase-transfer catalysis, on synthetic reactions such as asymmetric synthesis, oxidation and metathesis, on synthetic reagents such as metal clusters, organolanthanide, organoantimony and organobismuth reagents and chapters on biological alkylation and bio-organotin compounds.

ABOUT THE AUTHOR

Frank R. Hartley is the editor of *The Chemistry of the Metal Carbon Bond, Volume 5: Organometallic Compounds in Organic and Biological Synthesis*, published by Wiley.

Professor Saul Patai, The Hebrew University, Jerusalem, founded the Patai Series.
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