

bonds—the early part of this volume surveys a range of artificial peptidases involving many different metal ions. The selective cleavage of protein backbones by certain metal ions, e.g. Fe, Co, Ni, Cu, is covered in the following section of the book. These studies involve ‘footprinting’ and ‘cross-linking’ reactions to map large regions of the protein. For example, protection against cleavage by various reagents is used to map surfaces of the protein that become less accessible to solvent through the protein interaction with the macromolecular partner. In the last chapters, synthetic proteins that mimic biological functions are discussed.

PII: S0010-8545(02)00007-3

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### **Computational organometallic chemistry**

Edited by Thomas R. Cundari, Marcel Dekker, New

York, 2001, 428 pp. ISBN 0-8247-0478-9; US\$185.00, Hard bound

This is a multi-author volume intended to cover a wide range of topics in computational and organometallic chemistry. In 15 chapters, plus the Preface, it covers many topics including force fields, molecular mechanics, steric effects, biological and medical topics, organic synthesis, classical organometallic chemistry as well as actinide chemistry etc. It is written at a senior undergraduate/graduate level and is intended to aid and encourage those who would like to employ computational methods for their applications.

‘The Editors Desk’

PII: S0010-8545(02)00008-5

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