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Nota di contenuto	Artificial enzymes / Ronald Breslow -- Vitamin B6 enzyme models / Lei Liu and Ronald Breslow -- Evolution of synthetic polymers with enzyme-like catalytic activities / Irving M. Klotz and Junghun Suh -- Mimicking enzymes with antibodies / Donald Hilvert -- Protein-based artificial enzymes / Ben Duckworth and Mark D. Distefano -- Artificial hydrolytic metalloenzymes / Jik Chin and Hae-Jo Kim -- Artificial restriction enzymes as tools for future molecular biology and biotechnology / Yoji Yamamoto and Makoto Komiyama.
Sommario/riassunto	This first book on this fascinating topic is edited by one of today's most famous and internationally respected organic chemists, renowned for his pioneering synthesis of the cyclopropenyl cation. For his part, Ronald Breslow has brought together leading scientists in this expanding area to provide a novel overview of protein-, cyclodextrin-, metal- and porphyrin-based artificial enzymes as well as enzyme-like polymers and dendrimers. A must for all scientists interested in this emerging field.