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Titolo	Benzimidazole // edited by Pravin Kendrekar and Vinayak Adimule
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Descrizione fisica	1 online resource (xiii, 162 pages) : illustrations
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Nota di contenuto	1. Advances of Benzimidazole Derivatives as Anticancer Agents: Bench to Bedside -- 2. The Anticancer Profile of Benzimidazolium Salts and Their Metal Complexes -- 3. Benzimidazole: Pharmacological Profile -- 4. Exploring the Versatility of Benzimidazole Scaffolds as Medicinal Agents: A Brief Update -- 5. Synthesis, Characterization and Antimicrobial Properties of Novel Benzimidazole Amide Derivatives Bearing Thiophene Moiety -- 6. Spectral and Theoretical Studies of Benzimidazole and 2-Phenyl Substituted Benzimidazoles.
Sommario/riassunto	Benzimidazole is a comprehensive survey of the known and new methods of benzimidazole synthesis, the spectral and theoretical aspects of existing benzimidazole derivatives, and the anticancer properties of a new class of benzimidazole derivatives. This book examines aspects and newer mechanisms of benzimidazoles containing heterocyclic moiety. Chapters report on anticancer properties of benzimidazole derivatives, novel methods of synthesis of benzimidazoles, versatile nature of the benzimidazoles, spectral and theoretical studies of benzimidazole derivatives, and medicinal importance and pharmacological aspects of benzimidazole derivatives.