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Collana	Topics in Medicinal Chemistry, , 1862-2461 ; ; 34
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fluorescence Molecular Imaging of Medicinal Chemistry in Cancer -- Organic Fluorescent Probes for Diagnostics and Bio-Imaging -- Inorganic Fluorescent Nanomaterials -- NIR-II fluorescent imaging -- X-Ray Excited Fluorescent Materials for Medical Application -- Fluorescent reporters for drug discovery -- Fluorescent Probes for Diagnostics of -Galactosidase: From Micro to Macro -- The Present and Future of Optical Imaging Technologies in the Clinic: Diagnosis and Therapy.
Sommario/riassunto	This book reviews the most recent developments of fluorescent imaging techniques for medicinal chemistry research and biomedical applications, including cell imaging, in vitro diagnosis and in vivo imaging. Fluorescent imaging techniques play an important role in basic research, drug discovery and clinical translation. They have great impact to many fields including chemical biology, cell biology, medical

imaging, cancer diagnosis and treatment, pharmaceutical science, among others, and they have facilitated our understanding of diseases and helped to develop many novel powerful tools for imaging and treatment of diseases. This book will appeal to scientists from numerous fields such as chemistry, pharmaceutical science, biology, materials science, and medicine, and it will serve as a very useful and handy resource for readers with different levels of scientific knowledge, ranging from entry level to professional level.
