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Descrizione fisica	1 online resource (351 pages)
Disciplina	547
Soggetti	Natural products Biosynthesis Chemical structure Drugs - Design Biomolecules Physical biochemistry Molecular structure Biochemistry Natural Products Structure And Bonding Structure-Based Drug Design Biological Structure Determination Biological Chemistry
Lingua di pubblicazione	Inglese
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Nota di contenuto	Natural Product Chemistry. Reductionism and Biosynthesis -- Improbable Structures and Natural Products -- Naturally-occurring sulphur compounds -- The Biosynthesis of Natural Products -- Genetic Manipulation in Agriculture -- Bioengineering -- Enzymes and Natural Products -- Receptors and Natural Products -- Natural Products and Microbiomes -- The Future of Natural Product Research New Horizons.
Sommario/riassunto	This book examines and summarises the developments and changes in the approach of organic and natural product chemists over the past years, presenting both the successes and inevitable missteps. These

illustrate the process from molecular isolation and structural identification, synthesis and biosynthesis and future perspectives, including the development of biological engineering. The anticipated audience are chemistry-literate scientists who are interested both in specific aspects of natural product chemistry and the illustrative process of trial, error and success which defines the area.

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