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Titolo	Chemical synthesis of nucleoside analogues / / edited by Pedro Merino
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (918 p.)
Altri autori (Persone)	MerinoPedro <1962->
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Deoxynucleoside analogues / Vicente Gotor -- Nucleosides modified at the base moiety / Luigi Agrofoglio -- Acyclic nucleosides / Antonin Holy -- Phosphorylated nucleoside analogues / Giovanni Romeo -- Triphosphorylated nucleoside analogues / Chris Meier -- Pro-nucleotides / Christian Perigaud -- C-nucleoside / Sergio Castillon -- Isonucleosides / Vasu Nair -- Conformationally constrained nucleosides / Jacques Lebreton -- Spironucleosides / Maria Jose Camarasa -- L-nucleosides / Daniela Perrone -- Carbocyclic nucleosides / Eric Leclerc -- Uncommon three-, four, and six-membered nucleosides / Elisabetta Groaz -- Thionucleosides / L.S. Jeong -- Azanucleosides and related compounds / Tomas Tejero -- Oxathiolane and dioxolane nucleosides / Annalisa Guaragna -- Isoxazolidinyl nucleosides / Ugo Chiacchio -- Nucleoside antibiotics / Apurba Dutta -- Building blocks for peptide nucleic acids / Pedro Merino.
Sommario/riassunto	Compiles current tested and proven approaches to synthesize novel nucleoside analogues Featuring contributions from leading synthetic chemists from around the world, this book brings together and describes tested and proven approaches for the chemical synthesis of common families of nucleoside analogues. Readers will learn to create new nucleoside analogues with desired therapeutic properties by using a variety of methods to chemically modify natural nucleosides,

including:Changes to the heterocyclic baseModification of substituents at the sugar ring</l