



Enantiopure Nucleosides From Carbohydrates

By Roy, Biswajit Gopal / Bikas Mandal, Sukhendu

Condition: New. Publisher/Verlag: Dictus Publishing | Synthesis of Enantiomerically Pure Nucleosides and Analogues Involving Carbohydrates as Chiral Pool | The design and synthesis of nucleoside analogues as potential anticancer and antiviral agents is a very dynamic field of research. The core objective of this intense research is amendment in sugar and base moieties to make the nucleoside more apt for therapeutic response. The drug industry now a day is giving more emphasis on chiral molecules as these are much more specific to the target. Even the two enantiomers of a particular substrate may interact differently with different chiral pockets and show different kinds of activity. So it is imperative to devise routes to nucleosides, which yield desired molecular structures with specific stereochemistry. Carbohydrates with six chiral centers are nice starting materials for this purpose. Among the carbohydrates, D-glucose is a useful chiral template, as it is cheap, easily available. Three chapters of this book is dealing with the use of various simple and useful reactions on glucose molecule to synthesize chiral carbocyclic (Chapter 1), heterocyclic (Chapter 2) and bicyclic (Chapter 3) nucleosides and analogues. | Format: Paperback | Language/Sprache: english | 168 pp.



READ ONLINE
[6.25 MB]

Reviews

Excellent electronic book and valuable one. Better then never, though i am quite late in start reading this one. I am very easily can get a delight of studying a written book.

-- Anastacio Kreiger DDS

This ebook is amazing. It typically will not price excessive. I discovered this pdf from my dad and i recommended this publication to learn.

-- Rhoda Leffler

See Also



[Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. \[British English\]](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



[Would It Kill You to Stop Doing That?](#)

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



[Violet Rose and the Surprise Party](#)

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



[Fox All Week: Level 3](#)

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Puffin Easy-To-Read ed.. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by...



[Four on the Shore](#)

Penguin Books Australia, Australia, 1994. Paperback. Book Condition: New. James Marshall (illustrator). Reprint. 229 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by such beloved authors...



[Fox on the Job: Level 3](#)

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Reissue. 224 x 150 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by such beloved...