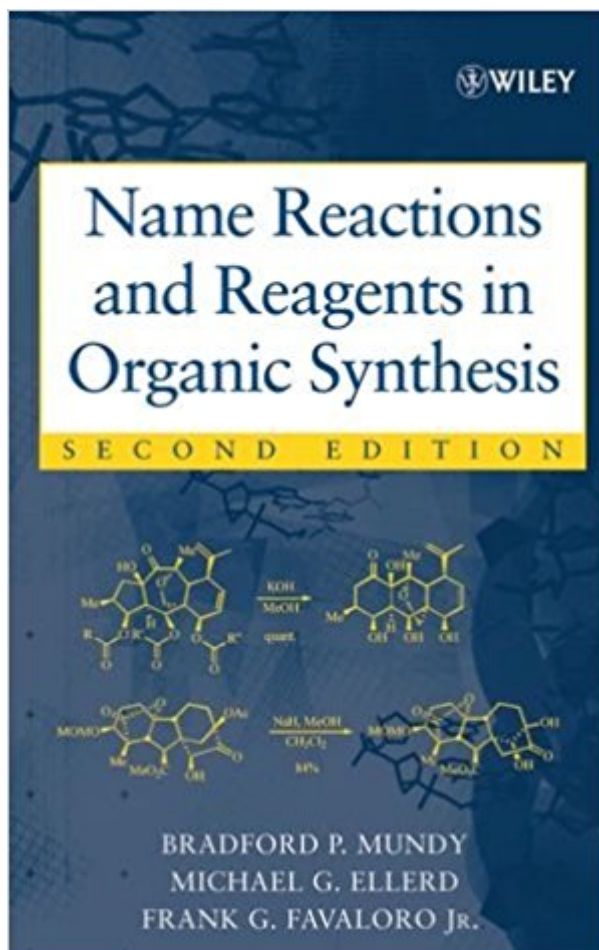


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Name Reactions And Reagents In Organic Synthesis



Synopsis

This Second Edition is the premier name resource in the field. It provides a handy resource for navigating the web of named reactions and reagents. Reactions and reagents are listed alphabetically, followed by relevant mechanisms, experimental data (including yields where available), and references to the primary literature. The text also includes three indices based on reagents and reactions, starting materials, and desired products. Organic chemistry professors, graduate students, and undergraduates, as well as chemists working in industrial, government, and other laboratories, will all find this book to be an invaluable reference.

Book Information

Hardcover: 904 pages

Publisher: Wiley-Interscience; 2 edition (April 21, 2005)

Language: English

ISBN-10: 0471228540

ISBN-13: 978-0471228547

Product Dimensions: 6.4 x 1.8 x 9.3 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

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Customer Reviews

Tetris move over Mundy's got a new game. How do you make science fun? You make a game of it. This is exactly what we do in our lab, we use this book as a game. We open up to a random page to see if there is an error, and most times (the guy shouting behind is saying every time) we are not dissapointed. This book is useful in that it has contemporary examples, where March does not, however, the number of errors makes this book useless for somebody who is trying to learn the material for the first time. Zero stars for accuracy, five stars for entertainment. Here is the Gauntlet!!! Page 425 (meta photoaddition) TL 44 2011. product- wrong structure Page 365 (Knoevenagel condensation) TL, 45, 3999. Ugi-Knoevenagel Rxn starting material aniline derivative does not have a NITROGEN. Page 428 (Michael addition) JACS, 125, 15837. Not a Dicobalt product. It is a ester. Page 429 Robinson annulation Not a Michael addition Page 487 (pauson-khand) OL, 5, 3491. SM is an allene so the product is missing an alkene in the seven

membered ring. Page 176 (Corey-Fuchs reaction) Seyferth protocol: resonance structures are wrong. They are missing a hydrogen atom. Thus the rest of the mechanism is wrong. Page 235 (Evans chiral Auxillaries) Typos of Me and Et Page 44 (Arndt-Eistert homologation) It is supposed to be a carbene so why is there two lone pairs. The Kowalski Ester Homologation: Should be LiCHBr_2 not LiCHBR_2 and after the rxn arrow the addition component should be CHBr_2 addition not CH_2Br . Page 459 (Nenitzescu indole synthesis) If it is a indole synthesis they all should have indole products. One product is drawn as an indene. Also in the solid phase example the intermediate is wrong.

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