

Springer Handbook of Enzymes: Supplement Volume S3, Class 2 Transferases, EC 2.7.11.1–2.7.11.16, 2nd ed. Edited by Dietmar Schomburg and Ida Schomburg (Technical University Braunschweig, Germany). Coedited by Antje Chang (Technical University Braunschweig). Springer-Verlag: Berlin, Heidelberg. 2009. xx + 464 pp. \$379. ISBN 978-3-540-85698-6.

This book, which represents the printed version of the enzyme data information system BRENDA, provides concise and complete descriptions of some 5000 enzymes and their applications. The enzymes are arranged according to their Enzyme Commission (EC) number, and each volume is organized according to enzyme class. The information given for each entry falls under these categories, where appropriate: Nomenclature; Source Organism; Reaction and Specificity; Enzyme Structure; Isolation/Preparation/Mutation/Application; Stability; and References. A short list of abbreviations and an index of recommended enzyme names open the book.

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CRC Handbook of Chemistry and Physics, 2009–2010, 90th ed. Edited by David R. Lide, Editor-in-Chief, and W. M. “Mickey” Haynes, Associate Editor (National Institute of Standards and Technology, Gaithersburg, MD, USA). CRC Press (an imprint of Taylor & Francis Group): Boca Raton, FL. 2009. \$149.95. ISBN 978-1-4200-9084-0.

The 90th edition of this invaluable reference marks the retirement of David R. Lide after 20 years as Editor-in-Chief and the ushering in of the new Editor, W. M. “Mickey” Haynes. The Handbook continues to provide well-documented and critically evaluated chemical and physical data and includes many new tables and updates, such as new data in “Fluid Properties” for water, air, and refrigerants; new tables in “Biochemistry”, e.g., on enzyme-catalyzed reactions; new and expanded tables in “Analytical Chemistry”, e.g., on proton NMR shifts for solvents and other fluids; and new data for “Astronomy and Geophysics”, e.g., on interstellar molecules, to name a few. Many other tables and data, including a list of Nobel prize winners in physics and chemistry, have also been added.

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