
Organic Chemistry Dictionary

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The Vocabulary of Organic Chemistry Chapman and Hall/CRC

A comprehensive reference guide to organic chemistry, covering the names, formulas, and properties of thousands of compounds used in industry and academia. This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work is in the "public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Dictionary Of Organic Compounds Volume Four Elsevier

This Dictionary Has Been Compiled To Cover Terms Which Have Been Carefully Selected From The Various Aspects Of Organic Chemistry. This Dictionary Also Includes Terms From The Various Fields Which Are Allied To The Organic Chemistry. The Selection Of The Terms Has Been Done Mainly On The Basis Of Current Chemical Literature. The Naming Of Organic Compounds Has Been Done According To IUPAC System Of Nomenclature. It Becomes Difficult Decide What Terms To Omit. An Effort Has Been Made To Keep The Definitions Concise, Without Omitting Any Necessary Information. This Has Been Done With The Help Of Extensive Cross Referencing. This Dictionary Will Be Of Immense Value Of Undergraduate And Post-Graduate Students And To Those Appearing For Competitive Examination, Research Scholars, University Teachers, College Teachers And Junior College Students.

Dictionary Of Organic Compounds Volume One Abadole Cytosine CRC Press

This book includes over 2,500 entries of organic compounds, some of which cover recently synthesized molecules of research interest, while others refer to known compounds which have come into prominence. It is an invaluable resource for Organic and Pharmaceutical chemists.

Dictionary of Organic Compounds Anmol Publications PVT. LTD.

Covers certain compounds for the first time. Entries are arranged alphabetically by compound names and give formulas, references, and molecular weights.

The Sterling Dictionary Of Chemistry John Wiley & Sons

A companion volume to the Dictionary of Organic Compounds, the Organic Chemist's Desk Reference compiles information from disparate sources to create a unique guide to the principles and practices of organic chemistry. This compact volume includes a variety of facts organic chemists need but often find difficult to locate in other references. This useful, affordable text provides both practitioners and non-specialists access to the many facts and methods that comprise the science of organic chemistry.

Dictionary of Organic Compounds CRC Press

A companion volume to the Dictionary of Organic Compounds, the Organic Chemist's Desk Reference compiles information from disparate sources to create a unique guide to the principles and practices of organic chemistry. This compact volume includes a variety of facts organic chemists need but often find difficult to locate in other references. This useful, affordable text provides both practitioners and non-specialists access to the many facts and methods that comprise the science of organic chemistry.

Organic Chemist's Desk Reference Chapman and Hall/CRC

A Dictionary of Chemistry is a popular and authoritative guide to all aspects of its discipline. With over 5,000 entries, its broad coverage includes physical chemistry and biochemistry, and is heavily informed by the most current research. For this eighth edition, the Dictionary has been fully revised, making it the most up-to-date reference work of its kind. Almost 200 entirely new entries have been added, including bioethanol, genome, molecular spintronics, organosynthesis, phosphorylation, and reticular chemistry. Areas such as analytical chemistry, environmental chemistry, and organic chemistry have been expanded to reflect recent developments in the field. The dictionary's supplementary material has also been enhanced as new diagrams provide readers with useful visual aids, and the appendices have been substantially updated. All web links have been revised and updated, and are easily accessible via the companion website.

Dictionary of Organic Compounds Lotus Press

Launched in 1995 as a companion to the Dictionary of Organic Compounds, the Organic Chemist's Desk Reference has been essential reading for laboratory chemists who need a succinct guide to the 'nuts and bolts' of organic chemistry — the literature, nomenclature, stereochemistry, spectroscopy, hazard information, and laboratory data. This third edition reflects changes in the dissemination of chemical information, revisions to chemical nomenclature, and the adoption of new techniques in NMR spectroscopy, which have taken place since publication of the last edition in 2011. Organic chemistry embraces many other disciplines — from material sciences to molecular biology — whose practitioners will benefit from the comprehensive but concise information brought together in this book. Extensively revised and updated, this new edition contains the very latest data

that chemists need access to for experimentation and research.

Dictionary of Organometallic Compounds Chapman and Hall/CRC

Derived from the content of the respected McGraw-Hill Dictionary of Scientific and Technical Terms, Sixth Edition, each title provides thousands of definitions of words and phrases encountered in a specific discipline. All include: * Pronunciation guide for every term * Acronyms, cross-references, and abbreviations * Appendices with conversion tables; listings of scientific, technical, and mathematical notation; tables of relevant data; and more * A convenient, quick-find format

Dictionary of Organic Compounds Sterling Publishers Pvt. Ltd

Containing over 28,000 entries, this volume provides researchers, chemists, and students with a comprehensive guide to the structures and properties of organic compounds. An essential reference for those working in the fields of organic chemistry, pharmaceuticals, and material science. This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work is in the "public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

The Dictionary of Commonly Cited Compounds McGraw Hill Professional

This book is a basic reference providing concise, accurate definitions of the key terms and concepts of organic chemistry. Not simply a listing of organic compounds, structures, and nomenclatures, the book is organized into topical chapters in which related terms and concepts appear in close proximity to one another, giving context to the information and helping to make fine distinctions more understandable. Areas covered include: bonding, symmetry, stereochemistry, types of organic compounds, reactions, mechanisms, spectroscopy, and photochemistry.

The "Chemical Age" Chemical Dictionary Oxford University Press

Containing chemical, physical and structural data on 45,000 organometallics, this new edition of Dictionary of Organometallic Compounds is completely revised and expanded. All compounds from the first edition have been reviewed, new references from the recent chemical literature have been added. Interesting new compounds, which have appeared in the literature from 1985 to 1993, have also been incorporated. A unique new feature is the Index of Synthetic Reagents, which groups compounds according to their use in synthetic organic chemistry. Compounds included: - organometallics representing all important structural types - compounds with an established use, such as Grignard reagents, catalysts, starting materials, laboratory chemicals Type of information included: - accurate systematic chemical names, tradenames, trivial names - CAS Registry numbers - molecular formulae and weights - details on synthesis/preparation - uses in synthetic organic chemistry - physical data including melting/boiling points, solubility, magnetic susceptibility - concise bibliography

Dictionary of Organic Compounds, Sixth Edition, Supplement 1 CRC Press

This first supplement to the new Edition of the Dictionary of Organic Compounds (DOC), published in nine volumes in 1995, extends the literature coverage of the dictionary to mid-1996. It includes over 2,500 entries, some of which are major updates to entries which appeared in volumes 1-9, while the majority are new entries based on the DOC team's ongoing review of the current literature. Some of these cover newly synthesized molecules of research interest, while others refer to known compounds which have come into prominence, for example as synthetic reagents in new methodologies. The supplement contains its own name, molecular formula and CAS registry number indexes. For any library of research group where organic chemistry or related disciplines are studied or researched, DOC is the prime literature source summarising the current state of knowledge in this important discipline, year-by-year and fully up-to-date. This book should be of interest to chemists, biochemists, biologists and pharmacologists working within academic, industrial or government organisations.

Dictionary Organic Compounds, Fifth Edition, Seven Volumes Legare Street Press

Information from many disparate sources is brought together to create a unique desktop guide to the principles and practice of organic chemistry.

Dictionary of Chemistry CRC Press

Dictionary of Commonly Cited Compounds on CD-ROM is a carefully edited database containing the 25,000 most frequently cited compounds used by chemists. It contains the top 25,000 most commonly cited compounds in Chemical Abstracts (excluding polymers and biologicals) in Chapman & Hall chemical dictionary format with chemical names, CAS numbers, bibliographic references, physical properties, and chemical structures. Fully substructure searchable, this easy to use database enables rapid retrieval of concise chemical and bibliographic data on the most commonly used chemicals. It covers organic compounds, inorganic compounds, drugs, natural products, materials, alloys, the elements, and their isotopes. System requirements: Pentium II processor, running Windows™ 95, 98, 2000, NT4.x, 16MB RAM, 12 MB free hard disk space, 24x CD-ROM drive

Dictionary of Organic Compounds CRC Press

Presents over 2,000 alphabetically arranged entries on various concepts and topics in organic chemistry.

Lotus Illustrated Dictionary of Organic Chemistry Routledge

This Dictionary provides an explanation of the main ideas of and concepts central to chemistry. Each entry in this A-Z resource begins with a clear, one-sentence definition that explains why the term is important. These sentences are followed by a fuller explanation and, where appropriate, examples, diagrams, tables and equations. Key terms such as inorganic chemistry, organic chemistry, physical chemistry, the chemical industry, and qualitative analysis tell the user about the main features of important aspects of chemistry, with cross-references leading to related terms in each field. Other entries give a historical perspective, showing in outline how important themes of chemistry have developed.

Dictionary of Organic Chemistry John Wiley & Sons

Organic Chemistry: The Name Game: Modern Coined Terms and their Origins is a lighthearted take on the usually difficult and systematic nomenclature found in organic chemistry. However, despite the lightheartedness, the book does not lose its purpose, which is to serve as a source of information on this particular subject of organic chemistry. The book, arranged into themes, discusses some organic compounds and how they are named based on their structure, makeup, and components. The text also explains the use of Greek and Latin prefixes in nomenclature and many other principles in nomenclature. The book also includes an appendix that contains very useful information on nomenclature, such as the etymology of certain element and chemical names, numerical prefixes, and the Greek alphabet. The text is not only for students who wish to be familiarized with a different style of organic chemistry nomenclature, but also for professors who aim to give students an enjoyable yet memorable learning experience.

Organic Chemistry: The Name Game CRC Press

This volume dictionary brings together accurate chemical, structural and bibliographic data on the most commonly used reagents in the various branches of analytical chemistry. Covering both organic and inorganic compounds, the "Dictionary of Analytical Reagents" contains over 5,000 reagents significant in analytical chemistry, grouped into 5,000 entries. All the reagents included in the dictionary have been synthesized, characterized by or are of proven use to analytical chemists. Compiled by a distinguished board of leading figures in the world of analytical chemistry,

each an expert in their own specialist field, the "Dictionary of Analytical Reagents" is a companion volume to the renowned "Dictionary of Organic Compounds" and follows a similar format. The dictionary is arranged in such a way as to facilitate browsing, with entries ordered alphabetically by entry name (often its trivial name). Clearly laid out in an easy-to-follow manner, each entry contains a wealth of data invaluable to the analytical chemist including synonyms, analytical applications, extensive and up-to-date hazard/toxicity data, solubility, dissociation constant and selected references labelled to indicate their content (e.g. analytical application, spectral data, synthesis). High quality structure diagrams are included to assist the analytical chemist in identifying the reagent needed and are drawn to standard orientations. Coverage extends to metal extractants, spectrophotometric reagents, indicators, fluorescence labelling reagents, resolving agents, nmr shift reagents and reference standards, buffers, gc and ms derivatisation reagents, amperometric reagents, titrimetric and gravimetric reagents, biological stains and dyes. Compounds are comprehensively indexed by Name, Molecular Formula, CAS Registry Number and Type of Compound. The unique Type of Compound Index is particularly valuable as compounds are indexed by use (eg NMR shift reagent), by analyte (eg nickel) and by compound group (eg formazan, crown ether), making the data accessible by a variety of criteria. Thus, chemists can use the dictionary to find information on how to analyze for a particular substance, how a particular compound may be used as an analytical reagent or what other reagents are available for a specific analytical use. Having located all appropriate reagents via the index, the user can then browse through the entries to obtain specific data, all fully referenced in the selective bibliography. Analytical chemists - be they in the manufacturing or pharmaceutical industry, working in hospital laboratories as clinical chemists or pollution analysts monitoring heavy metal residues in waste water - constantly need to make decisions about which reagent to choose for a particular application. This dictionary fulfils that need by being the most comprehensive, reliable and up-to-date compilation of reagents available. This book should be of interest to analytical chemists in academic and industrial establishments, forensic scientists, chromatographers, biochemists, standards institutions, companies selling laboratory chemicals, and water authorities.

Sarup Dictionary Of Organic Chemistry CRC Press