

Algumas Fontes de Referência

Um bom começo:

AUTHOR Beyer, Hans, 1905-1971.
TITLE Lehrbuch der organischen Chemie. English.
Handbook of organic chemistry / [Hans Beyer], Wolfgang Walter;
PUBLISHER London ; New York : Prentice Hall, 1996.
NOTE Translated and amended from the 22nd German ed.
SUBJECT Chemistry, Organic.

This is a *Lehrbuch*: a text-book in the European style, a companion, a summary, a reference, accessible to beginner as well as expert. Its organization is primarily by *kinds* of compounds (aliphatic, aromatic, heterocyclic, etc.), with a hefty subject index. Great for quick review.

Para nomes químicos, sinônimos e Números de Registro CAS:

AUTHOR Howard, Philip H. (Philip Hall), 1943-
TITLE Dictionary of chemical names and synonyms
PUBLISHER Boca Raton : Lewis Publishers, c1992.

[ChemFinder](#) frequentemente é mais rápido para Números de Registro CAS.

Para fundamentos práticos:

TITLE Kirk-Othmer Concise Encyclopedia of Chemical Technology.
PUBLISHER New York : Wiley, 1999.

A single-volume condensation of the 24-volume **Kirk-Othmer** ("The Bible of chemical technology"), emphasizing industrial chemistry, but often a useful source of basic practical information.

Outras referências, handbooks e tratados

- Para se informar sobre um composto específico:

TITLE The Merck index : an encyclopedia of chemicals, drugs, and biologicals
EDITION 11th ed., centennial ed.
PUBLISHER Rahway, N.J., U.S.A. : Merck, 1989.

TITLE Dictionary of organic compounds.
EDITION 6th ed.
PUBLISHER London ; New York : Chapman & Hall, 1996.

(9 volumes: 6 of compounds, 1 a name index, 1 a molecular formula index, and 1 a CAS Registry Number index. For most compounds, provides basic bibliographic pointer)

- Nomenclatura e nomes de reações

AUTHOR Mundy, Bradford P., 1938-
TITLE Name reactions and reagents in organic synthesis /
PUBLISHER New York : Wiley, c1988.

- Para descobrir mecanismos de reação:

AUTHOR Larock, Richard C., 1944-
TITLE Comprehensive Organic Transformations : a Guide to Functional Group Preparations / by Richard C. Larock.

PUBLISHER New York, N.Y.: VCH Publishers, c1989.

AUTHOR Vogel, Arthur Israel.

TITLE Vogel's Textbook of Practical Organic Chemistry.

PUBLISHER London: Longman Scientific & Technical; New York: Wiley, 1989.

AUTHOR Leonard, J. (John), 1954-

TITLE Advanced Practical Organic Chemistry

PUBLISHER London: Blackie; New York: Chapman and Hall, 1995.

AUTHOR March, Jerry, 1929-

TITLE Advanced Organic Chemistry : Reactions, Mechanisms, and Structure / Jerry March.

EDITION 4th ed.

PUBLISHER New York: Wiley, c1992.

TITLE Organic Reaction Mechanisms.

PUBLISHER London; New York: Interscience Publishers, 1965-

AUTHOR Carey, Francis A., 1937-

TITLE Advanced Organic Chemistry / Organic Reactions.

PUBLISHER New York: John Wiley & Sons.

- **Tratados sobre a Química do Carbono**

TITLE Chemistry of Carbon Compounds. Rodd's Chemistry of Carbon Compounds : a Modern Comprehensive Treatise.

PUBLISHER Amsterdam; New York: Elsevier Pub. Co., 1964-

- **Reagentes**

TITLE Reagents for Organic Synthesis.

PUBLISHER New York: Wiley, c1967-c1979.

TITLE Fieser and Fieser's Reagents for Organic Synthesis.

- **Physical Data**

AUTHOR Beilstein, Friedrich Konrad, 1838-1906.

TITLE Handbuch der organischen Chemie.

Here's what **Information Sources in Chemistry** (SCI REF QD8.5 .I47) has to say about **Beilstein**:

It is an information retrieval system for ascertaining the major physical and chemical properties, preparations, etc. of any organic compound reported in the literature during the period covered. It also gives a detailed guide to the extent of knowledge in a given field together with ample references to the original literature. (pg. 148)

Information Sources in Chemistry provides a nice succinct guide to the explorer of **Beilstein**, between pages 149 and 160. You might also find it interesting to explore [LSU's summary](#).

- **Procedimentos Experimentais**

TITLE Organic syntheses.

NOTE "An annual publication of satisfactory methods for the preparation of organic chemicals."

AUTHOR Shriver, D. F. (Duward F.), 1934-
TITLE The manipulation of air-sensitive compounds

- Perigos

TITLE Hazardous substances resource guide
PUBLISHER Detroit : Gale Research, c1993.

AUTHOR Lewis, Richard J., Sr.
TITLE Hazardous chemicals desk reference / Richard J. Lewis, Sr.
EDITION 3rd ed.
PUBLISHER New York : Van Nostrand Reinhold, c1993.

- Otherwise unclassified items:

TITLE Chem sources U.S.A.

AUTHOR Gordon, Arnold J.
TITLE The chemist's companion: a handbook of practical data,
techniques, and references

Chemical Abstracts

(this is now practically obsolete, thanks to SciFinder Scholar. see [my page documenting](#) our trail of SFS . I'll leave it here as a Monument..)