



## The Merck Index

*The Merck Index* is a world renowned reference source for chemical, pharmaceutical and biomedical information that contains more than 10,000 monographs, 28 supplemental tables and 450 organic name reactions. For over 100 years, *The Merck Index* has provided critically evaluated, peer-reviewed, and authoritative information on compounds of significance in research, commerce and environmental impact. The electronic version is updated semi-annually and includes entries archived from previous print editions.

### Broad subject coverage

The monograph section provides descriptions of more than 18,000 substances across multiple scientific disciplines including:

- Drugs for humans and animals
- Organic chemicals used in research and manufacturing
- Plants and traditional medicines
- Natural products, toxins and biologicals
- Agricultural chemicals, pesticides, and herbicides
- Food additives and nutritional supplements
- Fragrances, flavours, cosmetics, dyes, stains and colours

### Your index to chemical information

Each monograph provides a concise description of a compound's activity and importance with data such as:

- Chemical structure depiction
- Molecular formula, weight and percentage composition
- Physical properties and toxicity data
- Scientific and patent literature references
- Therapeutic and commercial uses
- Caution and hazard information
- An extensive collection of synonyms includes; chemical, common and generic names; trademarks and associated companies; manufacturer codes; CAS Registry Numbers

### Special collections

The Organic Name Reactions include reactions schema and key references.

The Therapeutic Category Index provides over 370 classifications hyperlinked to over 4000 monographs. Supplemental Tables include a collection of hard-to-find biomedical and chemical information, for example the Chemical Terms Translator, Company Register, Vaccines, Acronyms used in Chemistry and Biomedical Sciences, Monosaccharide Structures, Physical Constants and Radioactive Isotopes Used in Medicine.

### Value added digital access

- Monographs and organic name reactions have hyperlinks to related entries
- Therapeutic category index has hyperlinks to monograph entries
- Includes almost 1000 monographs archived from previous editions
- Search over 18,000 substances, view organic name reactions, and gather background information from Supplemental Tables

### Quick reference to fundamental information on compounds of current importance

- More than 700 new and completely rewritten monographs plus significant updates to more than 40% of the existing monographs
- Trademarks and manufacturers updated for more than 600 compounds
- Expanded focus on "Green Chemistry" and compounds of environmental significance
- Continued coverage of drugs and pharmaceuticals
  - Biotech drugs - monoclonal antibodies, recombinant products, anti-sense therapies, therapeutic vaccines
  - Traditional and alternative medicines
  - Orphan drugs
  - New mechanisms of action
- New cosmetic ingredients, fragrances, and flavours
- All information is critically evaluated, peer-reviewed, and authoritative

### Target audience:

Chemists, biochemists, pharmacists, toxicologists, educators, students, academic libraries, academic researchers, information professionals, attorneys, journalists, and emergency first responders

### What makes The Merck Index unique:

- No other source provides the amount of concise, accurate and topical information across multiple scientific disciplines in an easy-to-use quick reference format
- Editorial staff have already identified, evaluated and verified key data to save time for busy researchers
- Citations to important journal articles and reviews quickly point to additional information on each compound
- Time-honoured reputation for authoritative information; chemistry's constant companion for 119 years.

### Contact us for further information, pricing and trials:

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