



Comprehensive Organic Name Reactions and Reagents

With its coverage of 701 organic name reactions and reagents, this online reference is the largest, most up-to-date work of its kind. It offers students and professional chemists a valuable resource for conducting experiments and performing a broad range of applications, from pharmaceuticals to plastics to pesticides. Each reaction listing is clearly organized into uniform sections that allow readers to quickly gather the information they need to conduct their own experimental procedures:

- General description of the reaction, including its history, definition, alternative names, conditions, features, and limitations
- Reaction scheme, offering a general illustration of the reaction
- Reaction mechanisms, including descriptions of new proposed mechanisms that have yet to be published in the literature
- Modifications, where applicable, describing the modifications made after the reaction was first published
- Applications, helping readers understand the practical uses of the reaction
- Related reactions, where applicable
- Experimental procedures, with step-by-step instructions
- References, guiding readers to the relevant literature for each reaction

In addition to the main list of 701 name reactions and reagents, Comprehensive Organic Name Reactions and Reagents offers several additional features that help readers gather information quickly and conduct their experiments successfully:

- Chemical abbreviations list the abbreviation, the chemical's full name, its structure, and page references.
- Schematic reaction index offers a quick overview of each reaction.
- Journal abbreviations list more than 1,300 cited journals, including key information for each title.
- Reaction summaries provide basic information about each name reaction, including the author(s) who discovered the reaction and a citation to the literature where the reaction was first described.
- Reaction type summaries categorize and organize all related name reactions according to the type of transformation (e.g., oxidation, reduction, synthesis of alkenes, etc.).
- Subject index enables readers to quickly find relevant subjects.

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