

Structure Data of Free Polyatomic Molecules

Subvolume C: Molecules containing Three or Four Carbon Atoms



Springer

Welcome to the CD-ROM version of the Landolt-Börnstein volume II/25C:

All data of the printed version are included into the electronic version. The documents are arranged in the Hill order, hence it is easy to find a substance and its data without complex search, provided the gross formula is known. Please use the links provided below. The substance index will give you fast access to the required data. In case of problems, please visit us at <http://www.springer.de/newmedia/laboe/lbhome.htm>

Substance Index

**Information on searching
author or compound names**

Introduction

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Using the substance index

The fastest way to search for a compound is to use the substance index. Please follow the link below to enter the main menu of the substance index. The substances are ordered according to their content of carbon and hydrogen atoms. After choosing the number of carbon atoms, you can select one of the blue colored buttons in the main menu to get a detailed list of all substances available with the given content of carbon and hydrogen atoms. Then click on the substance number on the right to get the corresponding substance data. You may navigate back and forth in the history of the already visited pages and menus by means of the icons in the menu bar of the Acrobat Reader:



Browsing

You can either go from page to page or use the finder. In the first case you can read the first page, the previous, the next and the last page, respectively, by clicking one of the icons in the menu bar:



Searching author names



If you are interested in all structures which were studied by a specific author, you click the icon with the large binocular (left) and write the name of the author into a search mask, for example **smith**. Then the first document of this author is shown and the retrieved search terms are highlighted. The icons pictured on the right can be activated in order to go to the previous or next entry with the retrieved string.



Searching compound names

The program enables the user to find also substances with a specific name segment. If the string **benzyl** is entered in the search mask, only compound names are retrieved, which contain the desired string as a separate word, such as benzyl cyanide. If the search term is truncated such as **benzyl***, chemical names like benzylidenmethylamine are found. Moreover left truncation is possible, for example ***fluoride**, which retrieves compound names with fluoride, difluoride, trifluoride, etc. If you are interested in all fluorine compounds you can truncate the search term on the left and right side simultaneously: ***fluor***. Among the hits you can find names such as aminodifluorophosphine, difluoroamine, fluorosulfate, germanium difluoride, hypofluorous acid, etc.

Searching gross formulas

Last but not least, entries can be retrieved by searching gross formula in the Hill system, where the element symbols and their index numbers are separated by no blanks at all, such as **CaCl₂** or **ClFH₂** for ClFH₂. For more complex searches, please use the exclusive Online Help of the Acrobat Reader® 3.0.

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