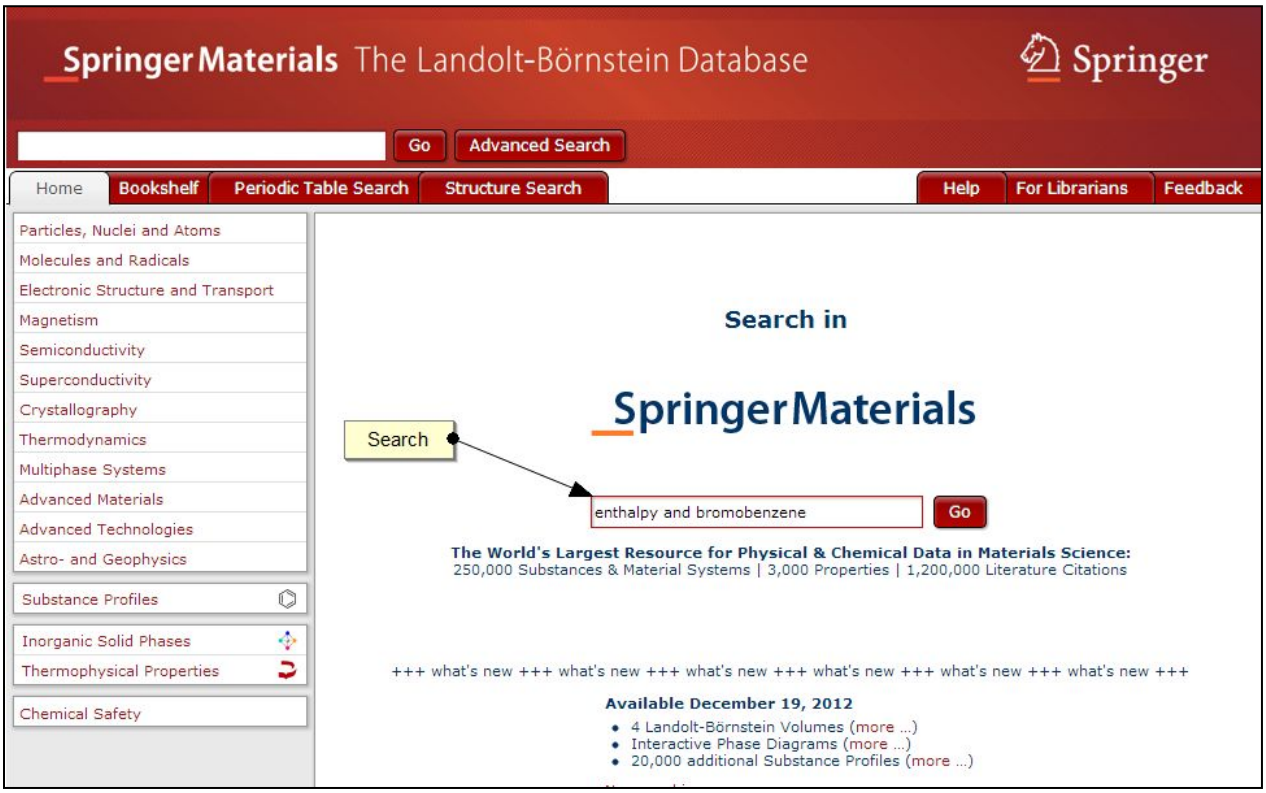
Using SpringerMaterials to Locate Your Landolt-Börnstein Volume and Chapter

For University of California Libraries

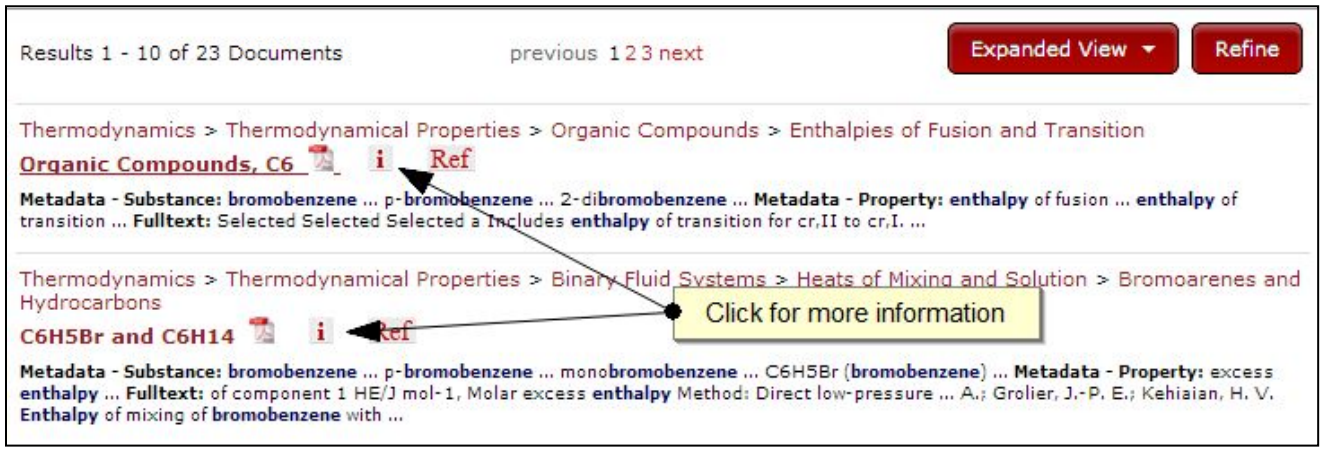
This method will work as long as searching SpringerMaterials remains freely available.

SpringerMaterials is a searchable database of physical property data for chemicals and materials. It includes the New Series of Landolt-Börnstein, plus new content added since its launch. It does not include the Sixth Edition, so you will need to consult print indexes to locate data in those volumes. While the UC Libraries do not subscribe to SpringerMaterials, you can (for now) search it to identify a particular volume of Landolt-Börnstein, which the Libraries do have online up to 2008.

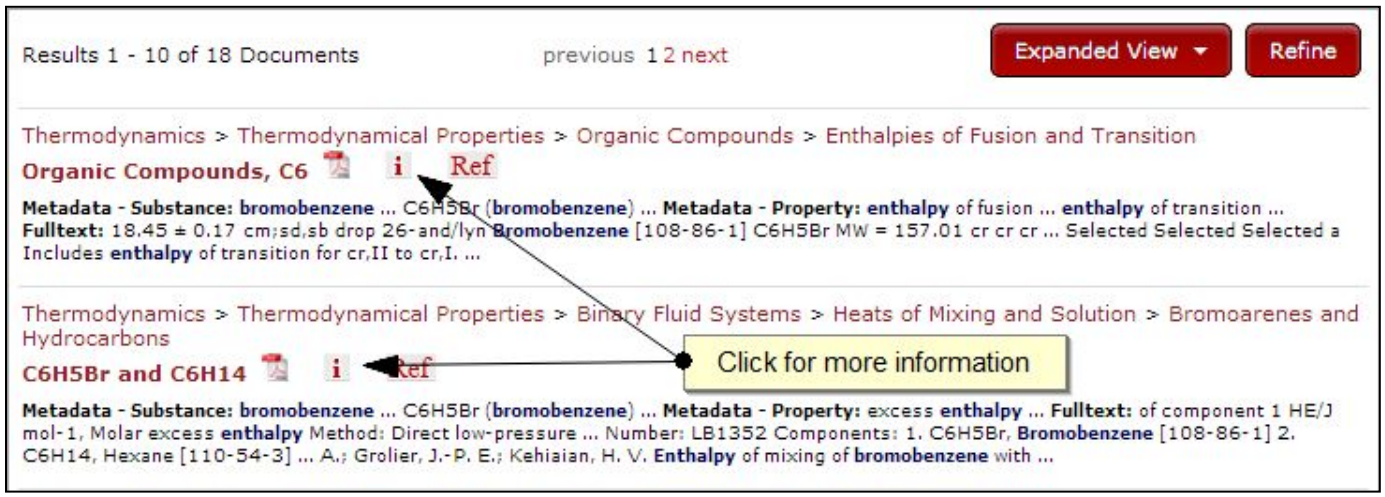
1. Go to http://www.springermaterials.com/ and run your search. Searching for a compound and property will probably yield the best results.



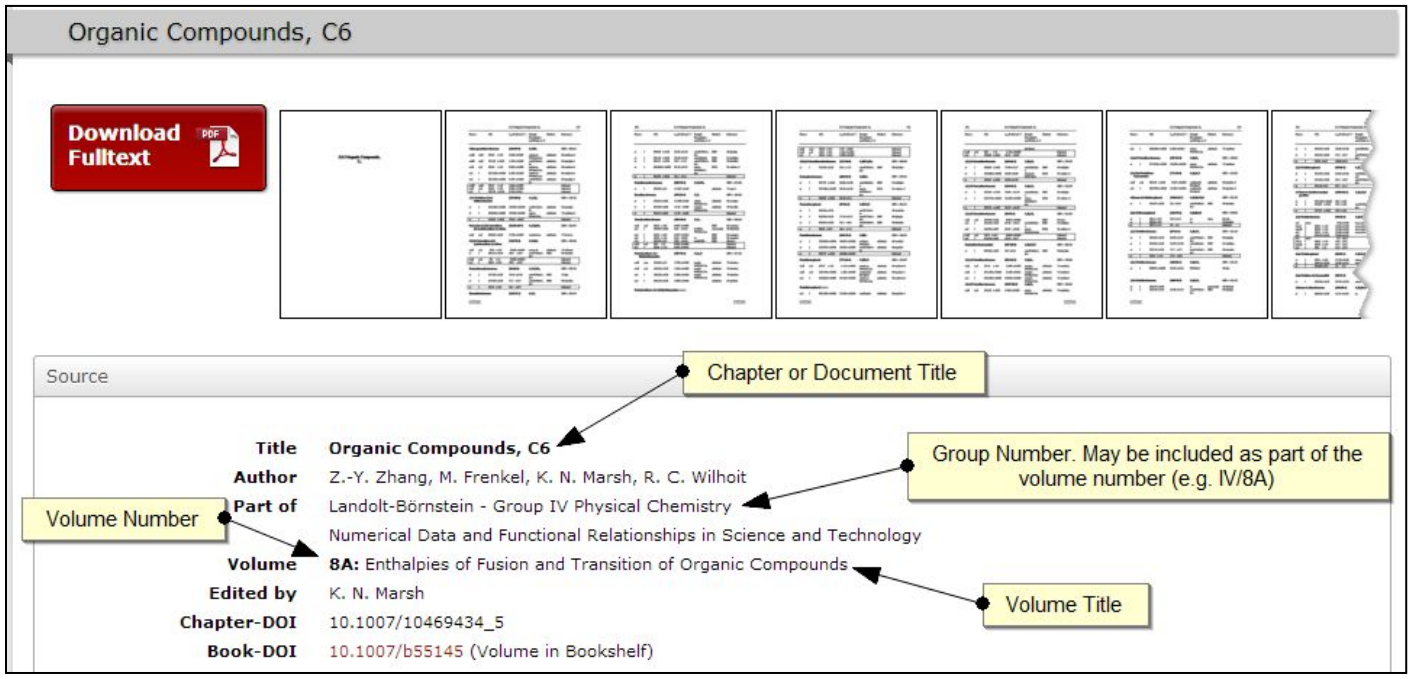
2. In the results below, you'll notice that bromobenzene was searched as a fragment (2-di**bromobenzene**). Use quotes to exclude fragments in your search: "bromobenzene," "C6H5Br," "lead selenide," "Lead selenide (PbSe)," etc. Below are the results for bromobenzene and enthalpy (23 results) and "bromobenzene" and enthalpy (18 results).



Created by Teri Vogel, UC San Diego (tmvogel@ucsd.edu), with assistance from Marion Peters (UCLA, retired) and Dana Roth (Caltech). Updated Feb 2013.



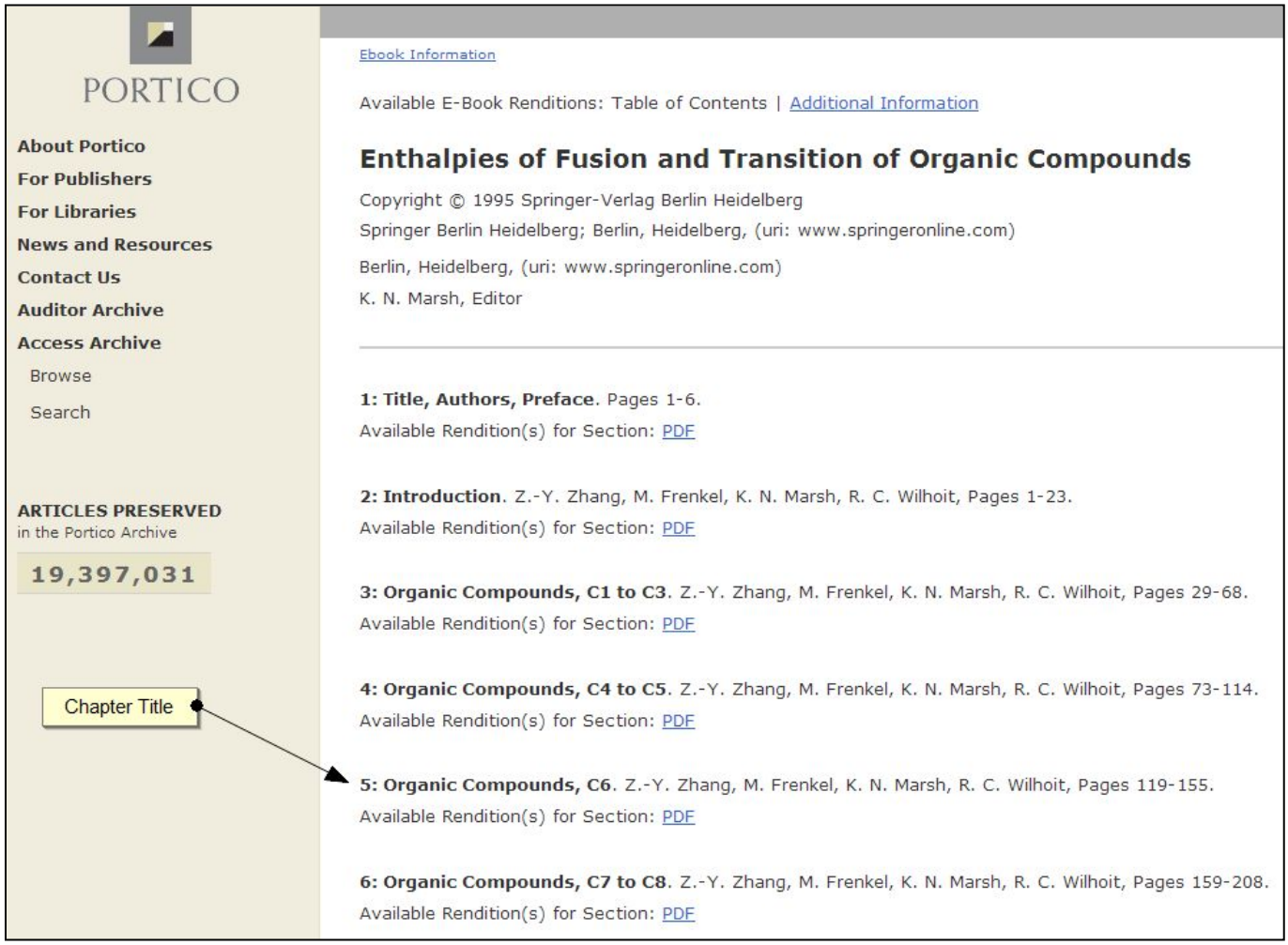
3. In the search results, click the i icon to bring up more information. In the detailed record, you'll get the chapter title, volume title, volume number, and group number (sometimes included with the volume number). The Download Fulltext link will not work because the UC Libraries do not subscribe to SpringerMaterials.

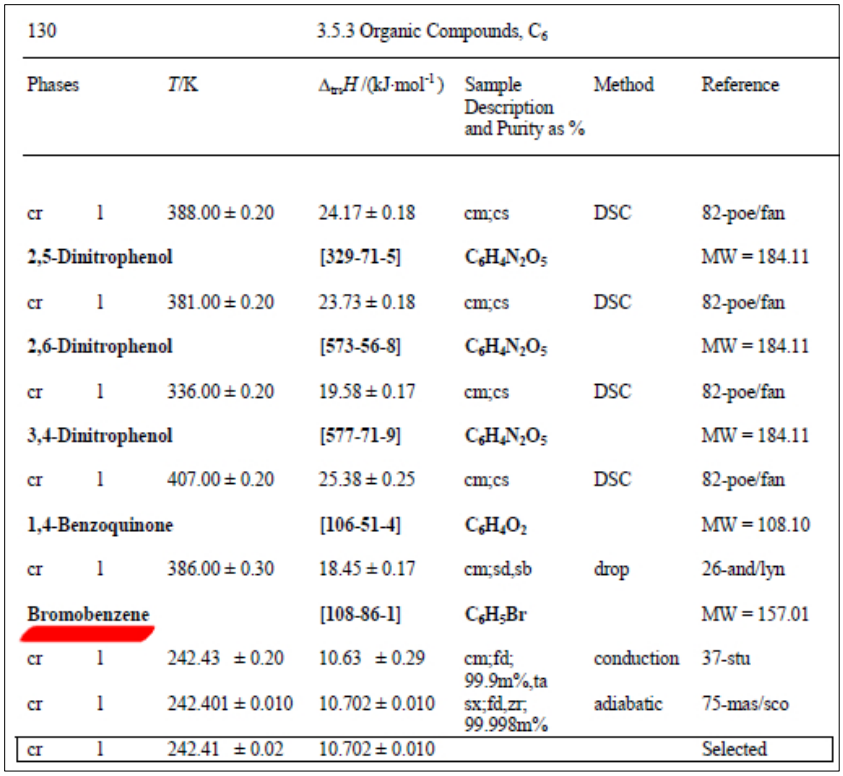


Accessing the online Landolt-Börnstein volumes at the University of California Libraries

1. Go to http://uclibs.org/PID/168793 to access the Landölt-Bornstein volumes archived in Portico. Browse the alphabetical list of volumes to find the one you need. You may also have luck by searching (CTRL+F) the page for your volume. *See note on the next page about ambiguous titles.*

2. Find your chapter and download the PDF. Browse or search within the PDF to find the compound and data you need.





130 3.5.3 Organic Compounds, C_6

Phases		T/K	$\Delta_{tr}H$ /(kJ·mol^{-1})	Sample Description and Purity as %	Method	Reference
cr	l	388.00 ± 0.20	24.17 ± 0.18	cm;cs	DSC	82-poe/fan
2,5-Dinitrophenol			**[329-71-5]**	$C_6H_4N_2O_5$		MW = 184.11
cr	l	381.00 ± 0.20	23.73 ± 0.18	cm;cs	DSC	82-poe/fan
2,6-Dinitrophenol			**[573-56-8]**	$C_6H_4N_2O_5$		MW = 184.11
cr	l	336.00 ± 0.20	19.58 ± 0.17	cm;cs	DSC	82-poe/fan
3,4-Dinitrophenol			**[577-71-9]**	$C_6H_4N_2O_5$		MW = 184.11
cr	l	407.00 ± 0.20	25.38 ± 0.25	cm;cs	DSC	82-poe/fan
1,4-Benzoquinone			**[106-51-4]**	$C_6H_4O_2$		MW = 108.10
cr	l	386.00 ± 0.30	18.45 ± 0.17	cm;sd,sb	drop	26-and/lyn
Bromobenzene			**[108-86-1]**	C_6H_5Br		MW = 157.01
cr	l	242.43 ± 0.20	10.63 ± 0.29	cm;fd; 99.9m%,ta	conduction	37-stu
cr	l	242.401 ± 0.010	10.702 ± 0.010	sx;fd,zr; 99.998m%	adiabatic	75-mas/sco
cr	l	242.41 ± 0.02	10.702 ± 0.010			Selected

Our access to Landolt ended with 2008, so volumes added to SpringerMaterials in 2009 or later are not on Portico. If you do not see your volume listed, please consult your science librarian for more assistance. Your library may be able to request a chapter from another library through interlibrary loan.

Important Note about the Landolt-Börnstein Titles in Portico

At this time, a number of Landolt titles in the Portico list are incomplete; some of the title fragments are more helpful than others. But each one has a "More Information" link that provides the complete title as well as group and volume number.

Ebook Information

Available E-Book Renditions: Table of Contents | Additional Information

Subvolume A

Springer Berlin Heidelberg; Berlin, Heidelberg, (uri: www.springeronline.com)

Berlin, Heidelberg, (uri: www.springeronline.com)

H. Schopper, Editor

Frontmatter.

Available Rendition(s) for Section: PDF

1: Introduction, conventions adopted, particle dictionary. A. Baldini, V. Flaminio, W. G. Moorhead, D. R. O. Morrison, Pages 1-13.

Available Rendition(s) for Section: PDF

2: I.1 List of reactions(I (pi-) induced reactions). A. Baldini, V. Flaminio, W. G. Moorhead, D. R. O. Morrison, Pages 1-4.

Available Rendition(s) for Section: PDF

Citation: Volume 12a

Frontmatter

1: Introduction, conventions adopted, particle dictionary

A. Baldini, V. Flaminio, W. G. Moorhead, D. R. O. Morrison

SEction DOI: 10.1007/10353188_1

Pages 1-13

Abstract

Group I
Volume 12a

Volume Title

Summary

This document is part of Subvolume A of Volume 12 'Total Cross-Sections for Reactions of High Energy Particles' of Landolt-Börnstein - Group I Elementary Particles, Nuclei and Atoms.