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## Spectra Resources

### Infrared Spectra Sources

Aldrich Library of FT-IR Spectra. 3 vols. 1985.  
 Ref QD 96 .I5 P66 1985  
 Consult Molecular Formula and Compound Name Indexes in volume 3 to locate spectra of a specific compound.

**Also available on the 3 public computers in the Chemistry Library.**

- Choose "NetAidSpec" from the Start button.
- A tutorial is available under the Help option.

Sigma Library of FT-IR Spectra. 2 vols. 1986.  
 Ref QD 96 .I5 K45 1986

Sadtler Handbook of Infrared Spectra. 1978.  
 Ref QC 453 .S73 1978

Sadtler Infrared Grating Spectra. 13 vols. 1974.  
 Ref QC 453 .S13  
 Look for a compound by name in the "Cumulative Alphabetical Index" or by molecular formula in the "Cumulative Molecular Formula Index."

Coblentz Society Desk Book of Infrared Spectra. 2 vols. 1980.  
 Ref QC 457 .C685  
 Consult molecular formula or compound name in indexes in both volumes.

Handbook of Data on Organic Compounds. 7 vols. 1994.  
 Ref QD 257.7 .H36 1994  
 Consult the Molecular Formula Index in volume 6 and the Compound Name Index in volume 7.

Hershenson, Herbert M. Infrared Absorption Spectra. 2 vols. 1959, 1964.  
 Ref QC 437 .A1 I4  
 Consult compound name index to identify the journal article that includes the spectra. Check the "Journals Indexed" section at the front of the book to decode the information needed to locate the journal article.

### Nuclear Magnetic Resonance Spectra Sources

Aldrich Library of <sup>13</sup>C and <sup>1</sup>H FT NMR Spectra. 3 vols. 1993.  
 Ref QC 462.85 .A44 1993  
 Consult Molecular Formula or Compound Name Indexes in volume 3 to locate spectra for a compound.

**Also available on the 3 public computers in the Chemistry Library.**

- Choose "NetAidSpec" from the Start button.
- A tutorial is available under the Help option.

Aldrich Library of NMR Spectra. 2nd ed. 2 vols. 1983.  
 Ref QC 762 .P69 1983  
 Consult Molecular Formula or Compound Name Indexes in volume 2.

**Also available on the 3 public computers in the Chemistry Library.**

- Choose "NetAidSpec" from the Start button.
- A tutorial is available under the Help option.

Sadtler Handbook of Proton NMR Spectra. 2 vols. 1978.  
 Ref QC 762 .S3 1978

Sadtler Standard Nuclear Magnetic Resonance Spectra. 25 vols.  
 Ref QC 453 .S13  
 Look for a compound by name in the "Cumulative Alphabetical Index" or by molecular formula in the "Cumulative Molecular Formula Index."

Handbook of Data on Organic Compounds. 7 vols. 1994.  
 Ref QD 257.7 .H36 1994  
 Consult the Molecular Formula Index in volume 6 and the Compound Name Index in volume 7.

Hershenson, Herbert M. Nuclear Magnetic Resonance and Electron Spin Resonance Spectra. 1 vol. 1965.  
 Ref QC 454 .H57n  
 Consult compound name index to identify the journal article that includes the spectra. Check the "Journals Indexed" section at the front of the book to decode the information needed to locate the journal article.

### Mass Spectrometry Sources

Eight Peak Index of Mass Spectra. 8 vols. 1991.  
Ref QC 454 .M3 E5 1991

McLafferty and Stauffer. Important Peak Index of the Registry of Mass Spectra Data. 3 vols. 1991.  
Ref QC 454 .M3 M38 1991

McLafferty and Stauffer. Wiley/NBS Registry of Mass Spectral Data. 7 vols. 1989.  
Ref QC 454 .M3 M395 1989

Handbook of Data on Organic Compounds. 7 vols. 1994.  
Ref QD 257.7 .H36 1994  
Consult the Molecular Formula Index in volume 6 and the Compound Name Index in volume 7.

### Ultraviolet Spectra Sources

Friedel, Robert A. and Orchin, Milton. Ultraviolet Spectra of Aromatic Compounds. 1951.  
Ref QC 459 .F89u

Handbook of Data on Organic Compounds. 7 vols. 1994.  
Ref QD 257.7 .H36 1994  
Consult the Molecular Formula Index in volume 6 and the Compound Name Index in volume 7.

Sadtler Handbook of Ultraviolet Spectra. 1979.  
Ref QC 459 .S25 1979

Hershenson, Herbert M. Ultraviolet and Visible Absorption Spectra. 3 vols. 1956, 1966.  
Ref QC 437 .H57u  
Consult compound name index to identify the journal article that includes the spectra. Check the "Journals Indexed" section at the front of the book to decode the information needed to locate the journal article.

Scott, Alastair I. Interpretation of the Ultraviolet Spectra of Natural Products. 1964.  
Ref QD 476 .S42i  
Excellent book for information about UV spectra.

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