

Sources of IR and NMR Spectra and Information UMR Library and WWW

Handbooks/Reference Tables

CRC handbook of chemistry and physics. c1977-

Loc.: CLW REF CALL NO.: QD65 .H3

Vogel's Textbook of practical organic chemistry, including qualitative organic analysis / Arthur Israel Vogel, 4th. ed.

Loc.: CLW CALL NO.: QD261 .V63 1979

The Aldrich library of infrared spectra, by Charles J. Pouchert.

Loc.: CLW REF CALL NO.: QC457 .A43

The Aldrich library of FT-IR spectra, by Charles Pouchert.

Loc.: CLW REF CALL NO.: QC457. P87 1997 v. 1-3

The Aldrich library of NMR spectra, by Charles Pouchert.

Loc.: CLW REF CALL NO.: QD96.N8 P68 1983 v. 1-2

The Aldrich library of ¹³C and ¹H FT NMR spectra, by Charles Pouchert & Jacquelyn Behnke.

Loc.: CLW REF CALL NO.: QC462.85 A44 1993 v. 1-3

The Sadtler standard spectra [infrared prism.]

Loc.: CLW CALL NO.: UMR QC457 .S3 v.0-24 (located in UMR chemistry dept.)

Total spectra molecular formula index for Sadtler standard spectra.

Loc.: CLW CALL NO.: UMR QC311 .S3mo 1968-1970 v.1-2 (located in UMR chemistry dept.)

High resolution NMR spectra catalog-Varian Associates. Instrument Division.

Loc.: CLW CALL NO.: UMR QC311 .V3, vol. 1-2

Introductory Spectroscopy Textbooks

Introduction to spectroscopy : a guide for students of organic chemistry / Donald L. Pavia, 2nd ed.

Loc.: CLW CALL NO.: QD272.S6 P38 1996

Organic structures from spectra, 2nd. ed., L.D. Field, S. Sternhell, J.R. Kalman.

Loc.: CLW CALL NO.: QD272.S6 S74 1995

Online Sources

Organic Spectral Database (SDBS)

http://riodb01.ibase.aist.go.jp/sdbs/cgi-bin/cre_index.cgi

NIST Chemistry Web Book

<http://webbook.nist.gov/chemistry/>

Infrared Spectroscopy Resources:

<http://www.dq.fct.unl.pt/qa/jas/ir.html>

Spectroscopy Problems to solve:

<http://www.nd.edu/~smithgrp/structure/workbook.html>

<http://w3.chem.ucla.edu/~webspectra/>