

KnowItAll® NMR Spectral Library

High-Quality Spectra for More Accurate Predictions

Bio-Rad's KnowItAll® NMR Spectral Library offers access to the highest-quality NMR reference spectra available.

Features

- Access over 920,470 spectra - 573,130 ¹³CNMR, 245,200 ¹HNMR, and 102,140 XNMR reference spectra
- Search the databases or predict NMR spectra using Bio-Rad's KnowItAll software
- Retrieve the experimental spectra used to build the prediction
- Along with spectra, records contain physical properties and structures when available
- Access the most recent data as it is added to the collection

This library includes the KnowItAll ID Expert™ search software at no additional charge.

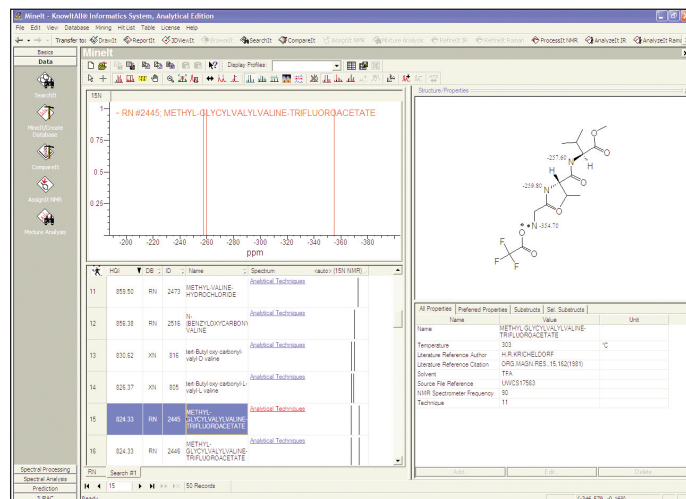
Applications

This library is extremely useful for the prediction of NMR spectra. Whether the need is to access compounds within application areas such as material sciences, pharmaceuticals, forensics, paints, pigments, dyes, among others, researchers can be sure that this collection will meet their needs.

Additional Information Included in Databases

The KnowItAll NMR Spectral Library provides much more information than simply the spectrum. Database records include the following details when available:

- Name
- Chemical Structure
- Molecular Formula & Weight
- Solvent
- Chemical & Physical Properties
- Source of Spectrum
- Sampling Technique



Includes the Following Spectral Databases

CNMR

- ¹³CNMR - Bio-Rad Sadtler
- ¹³CNMR - Metabolites - Bio-Rad Sadtler
- ¹³CNMR - Polymers & Monomers - Bio-Rad Sadtler
- ¹³CNMR - Wolfgang Robien
- ¹³CNMR - Organic Compounds - Wiley
- ¹³CNMR - Flavors & Fragrances - Wiley
- ¹³CNMR - Natural Products - Wiley
- ¹³CNMR - AIST SDBS
- ¹³CNMR - NIOSH Pocket Guide to Chemical Hazards Compounds

HNMR

- ¹HNMR - Bio-Rad Sadtler
- ¹HNMR - Chemical Shifts - Bio-Rad Sadtler
- ¹HNMR - Metabolites - Bio-Rad Sadtler
- ¹HNMR - NIOSH Pocket Guide to Chemical Hazards Compounds
- ¹HNMR - Organic Compounds 1 - Wiley
- ¹HNMR - Organic Compounds (Comprehensive) - Wiley
- ¹HNMR - AIST SDBS
- ¹HNMR - AIST SDBS (300 MHz)
- ¹HNMR - AIST SDBS (400 MHz)

XNMR

- ¹¹B NMR - Wolfgang Robien
- ¹⁹F NMR - Wolfgang Robien
- ¹⁵N NMR - Wolfgang Robien
- ¹⁷O NMR - Wolfgang Robien
- ³¹P NMR - Wolfgang Robien
- ²⁹Si NMR - Wolfgang Robien
- ¹⁹F NMR - Wiley
- ¹⁵N NMR - Wiley
- ¹⁷O NMR - Wiley
- ³¹P NMR - Wiley
- ²⁹Si NMR - Wiley



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