

From the Leader in Spectral Databases

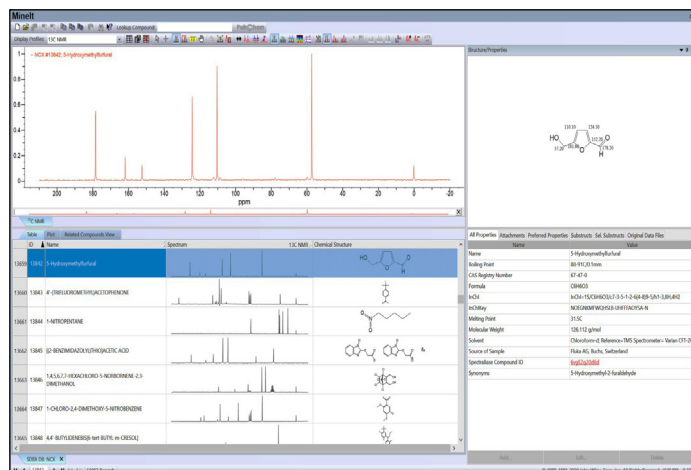
KnowItAll NMR Spectral Library



Quality Data. Results You Can Rely On.

High-quality spectra for prediction & identification

When it comes to spectral data you need comprehensive data you can trust. Wiley's KnowItAll NMR Spectral Library offers a comprehensive collection of high-quality nuclear magnetic resonance (NMR) reference spectra, including the renowned Sadtler databases. These databases are essential lab to search or predict* NMR spectra.



- Access **35 databases** covering a wide range of compounds—from organics and inorganics to application-focused data, we've got you covered!
- Includes over **1.28 million NMR Spectra** - 561,000 CNMR (carbon NMR), 348,000 CNMR (computed), 269,000 HNMR (proton NMR) and 102,000 XNMR spectra
- Along with spectra, records contain physical properties and structures when available
- Retrieve the experimental spectra used to build the prediction*
- Cost-effective way to access an extensive and proven collection of spectral databases

Applications

This collection is extremely useful for the identification or prediction* of NMR spectra in a wide range of applications such as material sciences, pharmaceuticals, forensics, flavors and fragrances, metabolomics, and many more. Use in NMR prediction (carbon and proton), XNMR prediction (boron, nitrogen, oxygen, fluorine, silicon, phosphorus), structure characterization, structure elucidation, NMR spectrum analysis.

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Subscription is subject to change as data may be added or deleted from collections periodically.

*Prediction requires KnowItAll Analytical Edition.

Trusted data from a trusted source

Wiley is an authoritative source for spectral data. Their renowned Sadtler databases were processed according to rigorous protocols to ensure they are of the highest quality. These qualification procedures start at data acquisition and continue throughout the database development process. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.

Save time and resources

The KnowItAll NMR Spectral Library is the most affordable way to access Wiley's entire collection of NMR data. Purchasing each database individually on a perpetual basis can be cost prohibitive and the data remains static.

With an annual subscription, researchers can access all Wiley's NMR spectra at a fraction of the cost—plus get access to any updates. And with this much data, your laboratory can ultimately analyze samples faster and save valuable research and analysis time.

Includes access to these databases:

CNMR

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

HNMR

- ¹HNMR - Sadtler - Wiley
- ¹HNMR - Sadtler Metabolites - Wiley
- ¹HNMR - Sadtler NIOSH Pocket Guide to Chemical Hazards Compounds - Wiley
- ¹HNMR - Sadtler Chemical Shifts - Wiley
- ¹HNMR - Organic Compounds 1 - Wiley
- ¹HNMR - Organic Compounds (Comprehensive) - Wiley
- ¹HNMR - Organic Compounds (Comprehensive) Part 2 - Wiley

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

CNMR Spectral Databases (Computed – HOSE)

Computed Library of General Compounds I – Wiley

Computed Library of General Compounds II – Wiley

Computed Library of General Compounds III – Wiley

Computed Library of General Compounds IV – Wiley

Computed Library of General Compounds V – Wiley

Computed Library of Geochemicals – Wiley

Computed Library of Hydrocarbons – Wiley

Computed Library of Industrial Compounds – Wiley

Computed Library of Pesticides – Wiley

Computed Library of Standards – Wiley

Valuable additional information included

When it comes to spectral analysis, the more data you have the better decisions you can make.

KnowItAll spectral databases provide much more information than just the spectrum to help you to narrow your search results even further. We also include valuable metadata with the spectral record when available, such as:

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

Ordering information / Options

Product Code	Name	# Spectra
978EALDB04409	KnowItAll NMR Spectral Library (Annual Subscription) Subscription includes: <ul style="list-style-type: none">• Over 932,000 spectra (CNMR, HNMR, XNMR)• KnowItAll ID Expert for one-click basic spectral search	1.28M+
978EALDB04393	KnowItAll NMR Identification & Prediction Pro (Annual Subscription) Bundle includes subscription to <ul style="list-style-type: none">• KnowItAll NMR Spectral Library• KnowItAll Analytical Edition Software for advanced analyses and NMR prediction	1.28M+
978EALDB04379	AIST NMR Library (Annual Subscription) Subscription includes: <ul style="list-style-type: none">• Access to over 25,000 spectra (CNMR, HNMR)• KnowItAll ID Expert for one-click basic spectral search	25K+
978EALDB04355	Sigma Aldrich NMR Library (Annual Subscription) Subscription includes: <ul style="list-style-type: none">• Access to over 26,000 spectra (CNMR, HNMR)• KnowItAll ID Expert for one-click basic spectral search	26K+

Compatibility

- Subscription includes KnowItAll ID Expert software for one-click basic spectral searches
- Optional: KnowItAll Analytical Edition (recommended for advanced analysis) – with its mixture analysis and patented tools, the software expands the addressable chemical space of the database exponentially!
- Import spectra from most instruments

For instrument compatibility, visit sciencesolutions.wiley.com/compatibility

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