

# KnowItAll GC-MS Library

Quality data. Results you can rely on.



The *KnowItAll GC-MS Library* offers access to an impressive collection of **over 976,500 high-quality GC-MS spectra**.

Designed to accelerate spectral identification, this comprehensive resource provides researchers with essential data resources for their analytical workflows.



- **Comprehensive, proven collection:** Access to 12 trusted Wiley databases, including the renowned *Wiley Registry of Mass Spectral Data*.
- **Data is carefully curated and reviewed:** Data in this collection meets high-quality standards for results you can rely on.
- **Covers a wide range of compounds:** From pure organics to drugs, steroids, additives, geochemicals, petrochemicals, biomarkers, industrial chemicals, and more.
- **Beyond spectra:** In addition to spectra, each record contains relevant physical properties and structures (when available). This holistic approach ensures a deeper understanding of the compounds under investigation.
- **Up-to-date data:** Benefit from access to the most recent data as it's added to the collection.
- **Flexible compatibility:** KnowItAll supports most MS instrument file formats, making it easy to incorporate into your existing workflows.
- **Maximize spectral reach even further:** Bundle the KnowItAll GC-MS Library with other databases, including NIST, for comprehensive coverage across various applications.

# WILEY

KnowItAll is a trademark of John Wiley & Sons, Inc. in certain jurisdictions.  
Subscription is subject to change as data may be added or deleted from collections periodically.



## Includes access to these databases:

The KnowItAll GC-MS Library is an affordable way to access a large collection of MS data. With an annual subscription, you can get access at a fraction of the cost—plus access to updates. And with this much data, your laboratory can ultimately analyze samples faster and save valuable research time.

- Wiley Registry of Mass Spectral Data
- Wiley AAFS Toxicology Section Mass Spectra of Drugs
- Wiley Androstanes, Estrogens & other Steroids
- Wiley Drugs
- Wiley Geochemicals, Petrochemicals & Biomarkers
- Wiley Industrial Compounds
- Wiley Mass Spectral Library of Lipids
- Wiley Mass Spectra of Pesticides with Retention Indices, 2nd Edition
- Mass Spectra of Physiologically Active Substances 2011
- Wiley Volatile Compounds in Food
- Sadtler NIOSH Pocket Guide to Chemical Hazards Compounds - Wiley
- SWGDRUG Mass Spectral Library - Wiley



## Valuable additional information included

When it comes to spectral analysis, the more data you have the better decisions you can make. The KnowItAll GC-MS Library provides much more information than just the spectrum. Database records include details when available, such as:

- Name
- Source of spectrum
- Synonyms
- Nominal mass
- Molecular formula & exact mass
- Molecular weight
- Estimated Kovats retention index
- Computed retention index
- SPLASH IDs
- Chemical structure
- Chemical & physical properties
- SMILES/InChI/InChIKey



## Applications

Use across a range of application areas to make your lab more efficient.

- Automotive & aerospace
- Biotechnology
- Defense / homeland security
- Environmental analysis
- Flavor and fragrances
- Food safety and quality control
- Forensics and toxicology
- Metabolomics
- Petrochemical research
- Pharmaceutical research
- Polymer and material research
- QC in industrial processes
- Many more



## Ordering information

Choose basic packages or bundles with NIST for access to even more spectra.

Product Code	Product	Spectra
978EALDB04256	<b>KnowItAll GC-MS Library</b> (Annual Subscription) Includes KnowItAll ID Expert for one-click basic spectral search	976K+
978EALDB04270	<b>KnowItAll GC-MS Identification Pro</b> (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none"><li>• KnowItAll GC-MS Library</li><li>• KnowItAll Analytical Edition for advanced analyses</li></ul>	976K+
978EALDB03242	<b>KnowItAll GC-MS Library + NIST</b> (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none"><li>• Subscription to KnowItAll GC-MS Library + NIST (EI data)</li><li>• KnowItAll Analytical Edition for advanced analyses</li></ul>	1.3M+
978EALDB04294	<b>KnowItAll GC-MS Identification Pro + NIST</b> (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none"><li>• Subscription to KnowItAll GC-MS Library + NIST (EI data) + KnowItAll Analytical Edition for advanced analyses</li><li>• Also includes USB with one-time purchase license to NIST library &amp; Software (9781394198726)*</li></ul>	1.3M+

*\*Per license must be used on the same computer as KnowItAll subscription*

### Increase your spectral reach even further with additional libraries:

- [Mass Spectra of Designer Drugs](#)
- [Food, Flavors, Fragrances, and Related Compounds: GC-MS Library](#)
- [Maurer, Meyer, Pflieger, Weber: GC-MS Library of Drugs, Poisons, and Their Metabolites, 6th Ed.](#)
- [IR, Raman, LC-MS, NMR, UV-Vis](#) collections
- And many more!



## Compatibility

- Includes KnowItAll ID Expert software for one-click basic spectral searches
- Recommended: KnowItAll Analytical Edition for advanced analyses, deconvolution
- Import spectra from most MS instruments. For full compatibility information, please visit [sciencesolutions.wiley.com/compatibility](https://sciencesolutions.wiley.com/compatibility)



## Trusted data from a trusted source

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. 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.