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KnowItAll GC-MS Library

Quality Data. Results You Can Rely On.

Identify your GC-MS spectra with confidence!

The *KnowItAll GC-MS Library* offers access to an impressive collection of **over 974,500 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.*

- **Covers a wide range of compounds:** From pure organics to drugs, steroids, additives, geochemicals, petrochemicals, biomarkers, industrial compounds, 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. No need to wait for the next Wiley Registry release—stay current with the latest information!

- **Flexible compatibility:** KnowItAll supports most MS instrument file formats, making it easy to incorporate into your existing workflow.

- **Maximize spectral reach even further:** Bundle the KnowItAll GC-MS Library with other databases, including **NIST**, for comprehensive coverage across various applications.

- **Data is carefully curated and reviewed:** Wiley's experts ensure the data in this collection meets quality standards for results you can rely on.
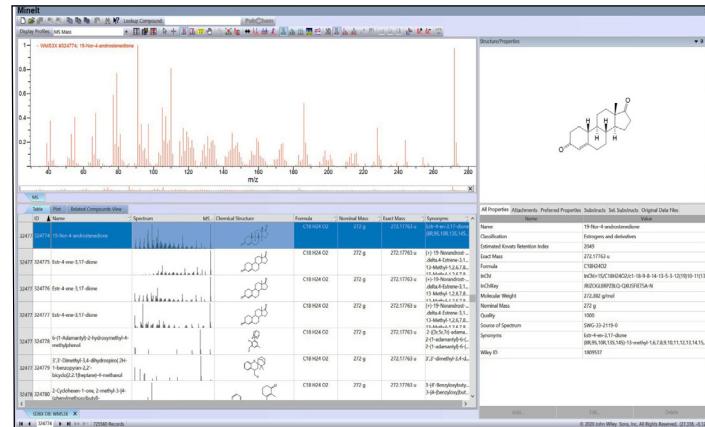
Whether you're identifying unknown compounds or verifying known ones, this resource empowers analysis in many application areas.

Includes access to the following databases

The KnowItAll GC-MS Library collection 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
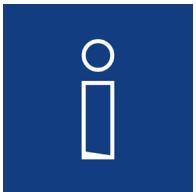
Valuable metadata for deeper insights

When it comes to spectral analysis, the more data you have the better, in order to narrow your results. The KnowItAll GC-MS Library collection provides much more information than simply the spectrum. Database records include details when available, such as:

- Name
- Source of Spectrum
- Synonyms
- Nominal Mass
- Molecular Formula & Weight
- Estimated Kovats RIs (EKRIs)
- SPLASH IDs
- Chemical Structure
- Chemical / Physical Properties
- Exact Mass
- SMILES

Applications

Use across a range of application areas to make your lab its most efficient!

- Automotive and aerospace
- Biotechnology
- Defense / homeland security
- Environmental analysis
- Flavor and fragrances
- Food safety and quality control
- Forensics and toxicology
- Metabolomics
- Petrochemical analysis
- Pharmaceutical research
- Polymer and material science
- QC in industrial processes
- 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 **www.sciencesolutions.wiley.com/compatibility**

Ordering Information

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

Product Code	Name	Spectra
978EALDB04256	**KnowItAll GC-MS Library** (Annual Subscription) Includes KnowItAll ID Expert for one-click basic spectral search	974K+
978EALDB04270	**KnowItAll GC-MS Identification Pro** (Annual Subscription) Bundle includes subscription to • KnowItAll GC-MS Library • KnowItAll Analytical Edition Software for advanced analyses	974K+
978EALDB03242	**KnowItAll GC-MS Library + NIST** (Annual Subscription) Bundle includes: • Subscription to KnowItAll GC-MS Library + NIST (EI data) • Also includes USB with one-time purchase license to NIST Library & Software (9781394198726)*	1.3M+
978EALDB04294	**KnowItAll GC-MS Identification Pro + NIST** (Annual Subscription) Bundle includes: • Subscription to KnowItAll GC-MS Library + NIST (EI data) + KnowItAll Analytical Edition Software for advanced analyses • Also includes USB with one-time purchase license to NIST Library & Software (9781394198726)*	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, Pfleger, Weber: GC-MS Library of Drugs, Poisons, and Their Metabolites 6th Ed.
- IR, Raman, LC-MS, NMR, UV-Vis collections
- And many more!

Trusted Data from a Trusted Data Source

Wiley is a leader in spectral data. Their renowned spectral databases are 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.

www.sciencesolutions.wiley.com/

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