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This library provides access to over 26,000 spectral records of organic compounds that can be used to identify or predict* NMR spectra. This collection also includes the Sigma-Aldrich catalog number, ensuring quick and accurate ordering of standards from Sigma-Aldrich.

- CNMR & HNMR spectra of organic compounds covering a broad range of compounds
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- Includes KnowItAll ID Expert software for one-click basic spectral searches
- Import spectra from most major NMR instruments

Includes the Following Spectral Databases

- 13C NMR (75 MHz) – Sigma-Aldrich Library of 13C NMR Spectra - 13,265 spectra
- 1H NMR (300 MHz) – Sigma-Aldrich Library of 1H NMR Spectra - 13,164 spectra

These two databases are complementary as they contain spectra for 13,153 overlapping Sigma-Aldrich Catalog Numbers

* Prediction and advanced analysis/database search require the KnowItAll Spectroscopy Edition.
Compatibility

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

Additional Information Included in the Library

When it comes to spectral analysis, the more data you have the better. This database provides much more information than simply the spectrum. Records include the following valuable details when available:

- Chemical Name
- Chemical Structure
- Sigma-Aldrich Catalog Numbers
- CAS Registry Numbers
- InChIs and InChiKeys
- Molecular Formulas
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