

From the Leader in Spectral Databases

KnowItAll IR Spectral Library

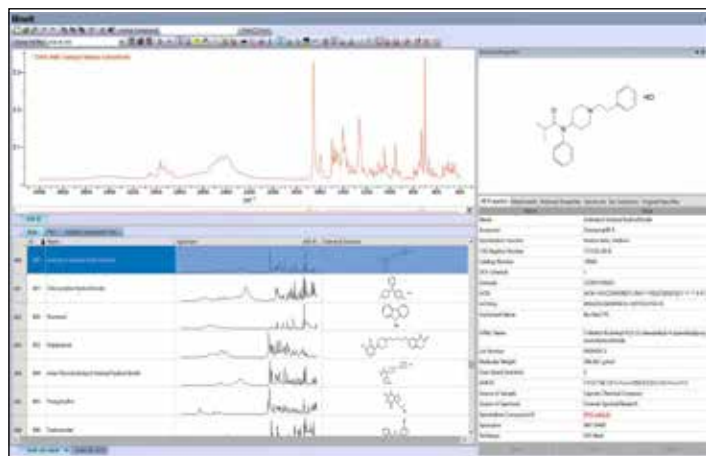


Quality Data. Results You Can Rely On.

Accelerate identification with the largest library of IR spectra

Wiley's KnowItAll IR Spectral Library offers access to over 339,000 spectral records*—the world's largest collection of reference-quality IR spectra.

- Access over 150 databases covering a wide range of compounds —from organics and inorganics to application-focused data, we've got you covered!
- Along with spectra, records contain physical properties and structures when available
- Increase both the speed and likelihood of identification with a comprehensive dataset
- Cost-effective way to access an extensive and proven collection of spectral databases
- Includes KnowItAll ID Expert software for one-click basic spectral searches
- Import spectra from most IR instruments



This collection is an essential tool for the identification, classification, and verification of unknown compounds by IR spectroscopy in a wide range of applications such as polymer/materials, environmental, forensics/toxicology, pharmaceutical, biotech, automotive/aerospace, food/cosmetics, and many more.

A Trusted Data 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.

* This library contains over 339,000 spectral records including:
249,285 unique spectra, 83,495 subset spectra, 7,710 augmented spectra.

KnowItAll is a trademark of John Wiley & Sons, Inc. in certain jurisdictions.

WILEY

Includes access to over 150 spectral databases

ATR-IR - Sadtler Controlled & Prescription Drugs 1 - Wiley
ATR-IR - Sadtler Controlled & Prescription Drugs 2 - Wiley
ATR-IR - Sadtler Controlled & Prescription Drugs 3 - Wiley
ATR-IR - Sadtler Controlled & Prescription Drugs 4 - Wiley
ATR-IR - Sadtler Flavors & Fragrances - Wiley
ATR-IR - Sadtler Inorganics 1 - Wiley
ATR-IR - Sadtler Inorganics 2 - Wiley
ATR-IR - Sadtler NIOSH Pocket Guide to Chemical Hazards Compounds - Wiley
ATR-IR - Sadtler Nutraceuticals 1 - Wiley
ATR-IR - Sadtler Nutraceuticals 2 - Wiley
ATR-IR - Sadtler Organometallics 1 - Wiley
ATR-IR - Sadtler Organometallics 2 - Wiley
ATR-IR - Sadtler Plasticizers - Wiley
ATR-IR - Sadtler Polymers - Wiley
ATR-IR - Sadtler Polymers & Monomers (Basic) 1 - Wiley
ATR-IR - Sadtler Polymers & Monomers (Basic) 2 - Wiley
ATR-IR - Sadtler Polymers & Monomers (Basic) 3 - Wiley
ATR-IR - Sadtler Polymers & Monomers (Basic) 4 - Wiley
ATR-IR - Sigma-Aldrich Library of ATR-IR Spectra - Wiley
ATR-IR - Sadtler Solvents - Wiley
ATR-IR - Sadtler Standards 1 - Wiley
ATR-IR - Sadtler Standards 2 - Wiley
ATR-IR - Sadtler Standards 3 - Wiley
ATR-IR - Sadtler Standards 4 - Wiley
ATR-IR - Sadtler Standards 5 - Wiley
ATR-IR - Sadtler Standards 6 - Wiley
ATR-IR - Sadtler Standards 7 - Wiley
ATR-IR - Sadtler Steroids, Androgens, Progestins, & Estrogens - Wiley
ATR-IR - SWGDRUG ATR-IR Spectral Library - Wiley
IR - Sadtler Acrylates & Methacrylates - Wiley
IR - Sadtler Adhesives & Sealants - Wiley
IR - Sadtler Adhesives & Sealants (Subset) - Wiley
IR - Sadtler Alcohols & Phenols - Wiley
IR - Sadtler Aldehydes - Wiley
IR - Sadtler Amino Acids & Peptides - Wiley
IR - Sadtler Anhydrides & Lactones - Wiley
IR - Automobile Paint Chips
IR - Sadtler Biochemicals - Wiley
IR - Canadian Forensics
IR - Sadtler Carboxylic Acids - Wiley
IR - Sadtler Coating Chemicals - Wiley
IR - Sadtler Coating Chemicals (Revised) - Wiley
IR - Sadtler Commonly Abused Drugs (Acid) - Wiley
IR - Sadtler Commonly Abused Drugs (Base) - Wiley
IR - Sadtler Controlled & Prescription Drugs - Wiley
IR - Sadtler Demo Database - Wiley
IR - Sadtler Dyes - Wiley
IR - Sadtler Dyes, Alkynes & Azo Compounds - Wiley
IR - Sadtler Dyes, Pigments & Stains - Wiley
IR - Sadtler Electric Power Plant Materials - Wiley
IR - Sadtler EPA Vapor Phase - Wiley
IR - Sadtler Epoxy Resins, Curing Agents & Additives - Wiley
IR - Sadtler Esters - Wiley
IR - Sadtler Explosive Materials - Wiley
IR - Sadtler Fats, Waxes & Derivatives - Wiley
IR - Sadtler Fibers & Textile Chemicals - Wiley
IR - Sadtler Fibers by Microscope - Wiley
IR - Sadtler Flame Retardants - Wiley
IR - Sadtler Flavors & Fragrances - Wiley
IR - Sadtler Flavors & Fragrances (Vapor Phase) - Wiley
IR - Sadtler Flavors, Fragrances & Oils - Wiley
IR - Sadtler Food Additives - Wiley
IR - Sadtler Food Additives (Revised) - Wiley
IR - Sadtler Gases & Vapors - Wiley
IR - Georgia State Crime Lab
IR - Sadtler HAZMAT (Hazardous Materials) - Wiley
IR - Sadtler Hydrocarbons - Wiley
IR - Sadtler Hydrocarbons & Halogenated Hydrocarbons - Wiley
IR - Industrial Chemicals, Basic Organic Compounds - Wiley
IR - Industrial Chemicals, Pure Organic Compounds - Wiley
IR - Sadtler Inorganics - Wiley
IR - Sadtler Inorganics (Subset) - Wiley
IR - Sadtler Intermediates - Wiley
IR - Sadtler Intermediates (Basic) - Wiley
IR - Sadtler Ketones - Wiley
IR - Sadtler Lubricant Additives 1 - Wiley
IR - Sadtler Lubricant Additives 2 - Wiley
IR - Sadtler Lubricants 1 - Wiley
IR - Sadtler Lubricants 2 - Wiley
IR - Minerals - Wiley
IR - Sadtler Minerals & Clays - Wiley
IR - Sadtler NIOSH Pocket Guide to Chemical Hazards Compounds (Vapor Phase) - Wiley
IR - Sadtler NIOSH Pocket Guide to Chemical Hazards Compounds - Wiley
IR - Sadtler Nucleic Acids, Nucleosides & Nucleotides - Wiley
IR - Sadtler Organometallics - Wiley
IR - Sadtler Organometallics, Inorganics, & Compounds with Si, B or D - Wiley
IR - Organosilicons
IR - Sadtler Pesticides & Agricultural Chemicals - Wiley
IR - Sadtler Petroleum Chemicals - Wiley
IR - Sadtler Pharmaceutical Excipients - Wiley
IR - Sadtler Pharmaceuticals - Wiley
IR - Sadtler Phosphorus Compounds - Wiley
IR - Sadtler Plasticizers - Wiley
IR - Sadtler Pollutants (Vapor Phase) - Wiley
IR - Sadtler Polymer Additives - Wiley
IR - Sadtler Polymer Additives (Revised) - Wiley
IR - Polymer Additives, Hummel Industrial - Wiley
IR - Sadtler Scholl Polymer Processing Chemicals - Wiley
IR - Sadtler Polymeric Compounds - Wiley
IR - Sadtler Polymers & Monomers (Basic) 1 - Wiley
IR - Sadtler Polymers & Monomers (Basic) 2 - Wiley
IR - Sadtler Polymers & Monomers (Basic) 3 - Wiley
IR - Sadtler Polymers & Monomers (Comprehensive) - Wiley
IR - Sadtler Polymers & Monomers (Subset) 1 - Wiley
IR - Sadtler Polymers & Monomers (Subset) 2 - Wiley
IR - Sadtler Polymers, Controlled Pyrolyzates - Wiley
IR - Sadtler Polymers, Hummel - Wiley
IR - Polymers, Hummel Defined - Wiley
IR - Polymers, Hummel Defined Basic - Wiley
IR - Polymers, Hummel Industrial - Wiley
IR - Polymers, Hummel Industrial Monomers - Wiley
IR - Polymers, Hummel Industrial Polymers - Wiley
IR - Sadtler Polyols - Wiley
IR - Sadtler Prepared & Prescription Drugs (Acid) - Wiley
IR - Sadtler Prepared & Prescription Drugs (Base) - Wiley
IR - Sadtler Priority Pollutants - Wiley
IR - Sadtler Priority Pollutants (Vapor Phase) - Wiley
IR - Sadtler Protective Materials - Wiley
IR - Sadtler Rubber Chemicals - Wiley
IR - Sadtler Rubber Chemicals (Revised) - Wiley
IR - Sadtler Solvents - Wiley
IR - Sadtler Solvents (Basic) - Wiley
IR - Sadtler Solvents (Vapor Phase) - Wiley
IR - Sadtler Standards (Comprehensive) - Wiley
IR - Sadtler Standards (Organic & Polymeric Compounds Subset) - Wiley
IR - Sadtler Standards (Selected Subset) - Wiley
IR - Sadtler Standards (Subset) 1 - Wiley
IR - Sadtler Standards (Subset) 2 - Wiley
IR - Sadtler Standards (Vapor Phase Comprehensive) - Wiley
IR - Sadtler Standards (Vapor Phase Selected Subset) - Wiley
IR - Sadtler Standards 1 - Wiley
IR - Sadtler Standards 2 - Wiley
IR - Sadtler Standards 3 - Wiley
IR - Sadtler Standards 4 - Wiley
IR - Sadtler Standards 5 - Wiley
IR - Sadtler Standards 6 - Wiley
IR - Sadtler Starter Database - Wiley
IR - Sadtler Steroids 1 - Wiley
IR - Sadtler Steroids 2 - Wiley
IR - Sadtler Steroids, Androgens, Progestins, & Estrogens - Wiley
IR - Sadtler Sugars & Carbohydrates - Wiley
IR - Sadtler Sulfur Compounds - Wiley
IR - Sadtler Surfactants (Basic) - Wiley
IR - Sadtler Surfactants (Comprehensive) - Wiley
IR - Sadtler Surfactants (Subset) 1 - Wiley
IR - Sadtler Surfactants (Subset) 2 - Wiley
IR - Surfactants, Hummel - Wiley
IR - Sadtler Tutorial Database - Wiley
IR - Sadtler University Standards - Wiley
IR - Sadtler Water Treatment Chemicals - Wiley
IR - Sigma-Aldrich Library of FT-IR Spectra - Wiley
IR - Sigma-Aldrich Library of Flavors & Fragrances FT-IR Spectra - Wiley
IR - Sigma-Aldrich Library of Vapor Phase FT-IR Spectra - Wiley
IR - Vapor Phase FT-IR Library of Synthetic Cannabinoids - Wiley
NIR - Common Organic Compounds (High) (Low) - Wiley

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. KnowItAll spectral databases provide much more information than simply the spectrum. Records include the following details when available, such as:

- Name
- Source of Sample
- Classification
- Instrument
- Molecular Formula & Weight
- Chemical Structure
- Chemical & Physical Properties

Save time & resources

The KnowItAll IR Spectral Library is the most affordable way to access Wiley's entire collection of IR data. Purchasing each database individually would cost hundreds of thousands of dollars for a collection that remains static. With an annual subscription, researchers can access all Wiley's IR 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 time.

Compatibility

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

Ordering information / options

Product Code	Name	Spectra Records*
978EALDB03174	KnowItAll IR Spectral Library (Annual Subscription) Includes KnowItAll ID Expert for one-click basic spectral search	339K+
978EALDB03716	KnowItAll IR Identification Pro (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none">• KnowItAll IR Spectral Library• KnowItAll Spectroscopy Edition Software for advanced analyses	339K+
978EALDB03754	KnowItAll IR/Raman Identification Pro (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none">• KnowItAll IR and Raman Spectral Libraries• KnowItAll Spectroscopy Edition Software for advanced analyses	IR - 339K+ Raman - 25K+