

KnowItAll IR Spectral Library

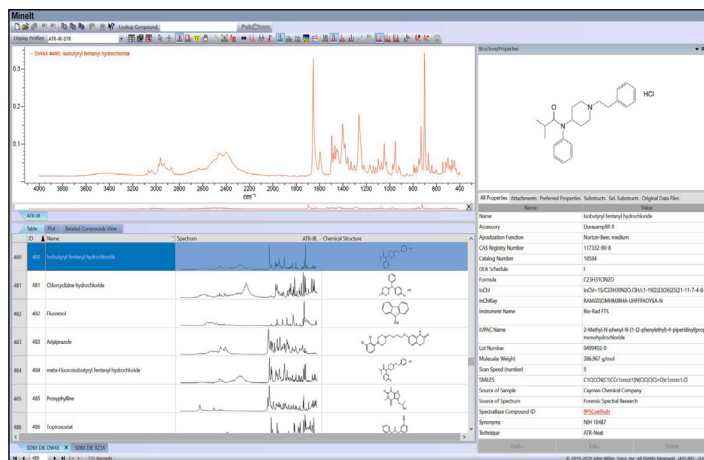
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Wiley Science Solutions

World's Largest Library of Infrared Spectra

Wiley's KnowItAll IR Spectral Library offers access to over 264,000 infrared spectra—the world's largest and fastest-growing collection of reference-quality IR spectra.

This resource can be used with Wiley's KnowItAll software or search software from a number of IR instrument vendors to identify unknown spectra.



Features & Benefits

- Access a wide range of compounds— from pure organics to industrial products
- Along with spectra, records contain physical properties and structures when available
- Increase the chances of identification/classification with access to the largest collection of IR spectra
- Cost-effective way to access the most comprehensive IR spectral collection
- Access the most recent data as it is added to the library

This library includes the KnowItAll ID Expert search software.

Applications

These databases are excellent tools for the interpretation, classification, identification, and verification of unknown compounds in a wide range of disciplines, for example, polymer, environmental, forensic, pharmaceutical, and food research and analyses.

Highest-Quality Spectra

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.

Additional Information Included in Databases

The KnowItAll IR Spectral Library provides much more information than simply the spectrum. Database records include the following details when available:

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

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 the most recent data.

See a list of databases included in the KnowItAll IR Spectral Library subscription on next page.

Includes the Following 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 - 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 - 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 - Sigma-Aldrich Library of FT-IR Spectra - 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
NIR - Common Organic Compounds (High) (Low) - Wiley