

From the Leader in Spectral Databases

KnowItAll UV-Vis Spectral Library

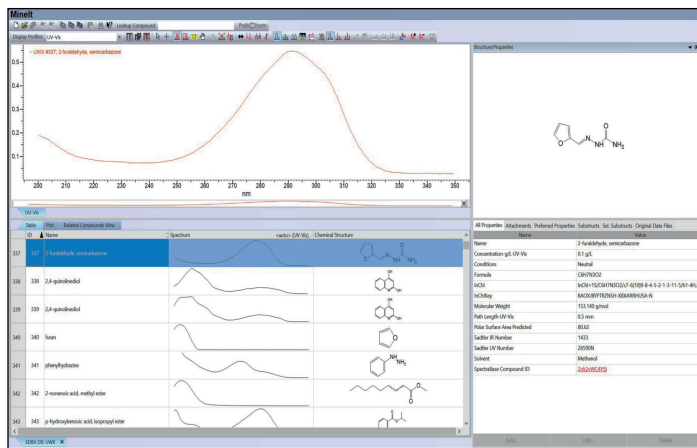


Quality Data. Results You Can Rely On.

Accelerate Analysis with World's Largest UV-Vis Database

Accelerate analysis with Wiley's KnowItAll UV-Vis Spectral Library of small organic molecules—the world's largest commercial collection.

- Access over 30,000 high-quality UV-Vis spectra
- Library of pure organics representing a wide range of functional groups and classifications
- Along with spectra, records contain physical properties and structures when available
- Increase the speed of analyses with a comprehensive dataset
- Cost-effective way to access Wiley's extensive UV-Vis spectral library collection
- Includes KnowItAll ID Expert software for one-click basic spectral searches



This collection is extremely useful in determining the absorbance qualities of compounds. Access compounds within application areas such as material sciences, pharmaceuticals, forensics, and 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.

Includes Access to the Following Spectral Databases

- UV-Vis - Sadtler 200 to 350 nm - Wiley
 - UV-Vis - Sadtler 200 to 500 nm - Wiley
 - UV-Vis - Sadtler 200 to 800 nm - Wiley
 - UV-Vis - Sadtler Forensics 200 to 500 nm - Wiley
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Additional Information Included

In order to make both qualitative and quantitative aspects of the curves more evident, each spectrum is provided with additional data when available:

- Name
 - Polar Surface Area
 - Concentration
 - Molar Absorptivity (extinction coefficient)
 - Conditions
 - Molecular Formula & Weight
 - Absorbance Values
 - Chemical Structure
 - Solvent
 - Path Length
-

Instrumentation

Spectra in this collection were prepared on a Beckman Model 25, Cary 15, Varian DMS-300, or Shimadzu UV PC spectrometer. When acidic or basic moieties were present in the structure, the spectra were run in neutral, basic, and/or acidic conditions to observe shifts and absorbance changes in the spectra.

Save Time & Resources

The KnowItAll UV-Vis Spectral Library annual subscription is an affordable way to access Wiley's entire collection of UV-Vis spectra. 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

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Ordering Information / Options

Product Code	Name	# Spectra
978EALDB03969	KnowItAll UV-Vis Spectral Library (Annual Subscription) Includes KnowItAll ID Expert for one-click basic spectral search	30K+
978EALDB03457	KnowItAll Spectroscopy Edition Software (Annual Subscription) Recommended for advanced analyses	n/a