

# WILEY

## Spectral Databases

From the Leader in Spectral Data



### Raman - Sadtler Controlled & Prescription Drugs 3 - Wiley

Spectra – 1,720



#### Description

Wiley's series of Raman Sadtler Databases of Controlled & Prescription Drugs offer an unparalleled Raman collection of drugs, designed to highlight the latest products available on the market and represent its diversity. The libraries contain a number of drugs from all five schedules of the Controlled Substances Act.

Particular focus has also been made on new designer drugs not available in other databases. The samples come direct from companies synthesizing these new drugs and are continually added to the collection as they make their way into distribution. The databases also contain steroids of interest to forensic laboratories and those analyzing drug samples.



#### Applications

- Pharmaceuticals
- Forensic Analysis & Toxicology
- Law Enforcement
- Drug Analysis Laboratories
- Homeland Security & Border Control



#### Additional Information

When it comes to spectral analysis, the more data you have the better. Wiley spectral databases provide much more information than simply the spectrum. Database records may include valuable details when available for a record such as:

- |                      |                    |                       |
|----------------------|--------------------|-----------------------|
| • Chemical Name      | • Formula          | • CAS Registry Number |
| • Chemical Structure | • Instrument       | • Classification      |
| • Exact Mass         | • Molecular Weight | • Comments            |
| • Source of Sample   | • Catalog Number   |                       |



## Compound Coverage

- Alcohols and phenols
- Amines and amides
- Carboxylic acids and derivatives
- Esters and lactones
- Ketones and quinones
- Other compounds, with specific drug classifications



## Technique

All spectra were measured on a FT-Raman instrument. The FT-Raman instrument employs (Nd:YAG 1064nm) referenced to internal white light source with a 180 degree backscatter.



## TRUSTED DATA FROM A TRUSTED SOURCE

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. 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.

<https://sciencesolutions.wiley.com/>

Quality Data. Results You Can Rely On.