

ATR-IR - SWGDRUG ATR-IR Spectral Library - Wiley

Product Code - This database is available only as part of the KnowItAll IR Library
Spectra - 605 ATR-IR spectra

Description

The Scientific Working Group for the Analysis of Seized Drugs, SWGDRUG, is comprised of a core committee of more than 20 forensic scientists from around the world. **The mission of SWGDRUG is to recommend minimum standards for the forensic examination of seized drugs and to seek their international acceptance.**

SWGDRUG has compiled an infrared (ATR-IR) library of drugs that are available for download from their website (www.swgdrug.org). The Drug Enforcement Administration's Special Testing and Research Laboratory generated these libraries using structurally confirmed reference materials.

Additional Information

Each record in this database contains the common name of the drug, known synonyms, the CAS Registry Number, the lot number of the drug, the formula, molecular weight, InChi, InChiKey, SMILES, and the chemical structure when available. Comments on how the data was run in infrared (ATR-IR), the instrument used, the method used to measure the mass spectra, the technique of each spectrum, and the origin of the spectra are displayed.

- The infrared spectra were provided by the DEA, Drug Enforcement Administration, and the SFL1, the Special Testing and Research Laboratory.