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Mass Spectra of Designer Drugs 2023

From the Leader in Spectral Data



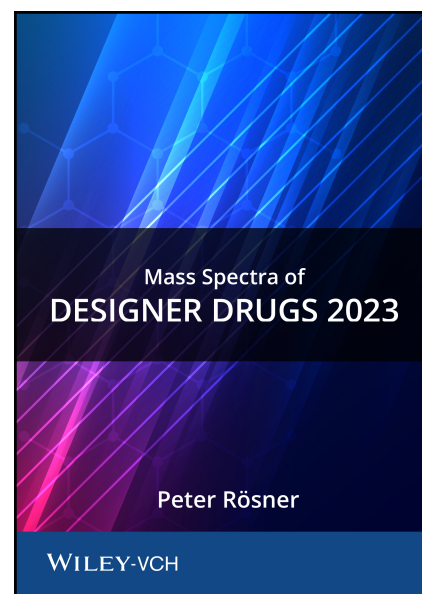
Developed to help combat the global opioid health epidemic

Designer drugs are constantly evolving, and in order to keep up, you need access to the most recent spectral data.

Updated annually, Mass Spectra of Designer Drugs is the most comprehensive MS collection of designer drugs, pharmaceuticals, chemical warfare agents and related substances. That's why forensic, clinical, and toxicological laboratories throughout the globe rely on this comprehensive high-quality spectral database to identify illicit substances fast.

The database contains 34,209 mass spectra of 26,195 unique chemical compounds with detailed information and chemical structures for each entry. It includes data from both legal and underground literature, providing the most comprehensive picture of these compounds.

This trusted resource is carefully compiled in cooperation with regional departments of criminal investigation and other partners worldwide. As far as possible, spectra were verified by standard mass spectral libraries and checked by mass spectral interpretations.



What's New in the 2023 Release

The 2023 release features the addition of over 1,300 new mass spectra and over 800 new, unique compounds in classification groups like fentanyls, various opioids, synthetic cannabinoids, and many more. Updated annually, this release covers substances up to December 31, 2022.



Specifications

- Mass Spectra: 34,209
- Chemical Structures: 34,209
- Unique Compounds: 26,195
- Measured Kovats Indices: 21,923
- Average Quality Index/Spectrum (QI): 964
- Opiates: 367
- Fentanyles/Fentalogues: 3,176
- Cannabinoids: 1,889
- See "Compound Coverage" for more.

<https://sciencesolutions.wiley.com>



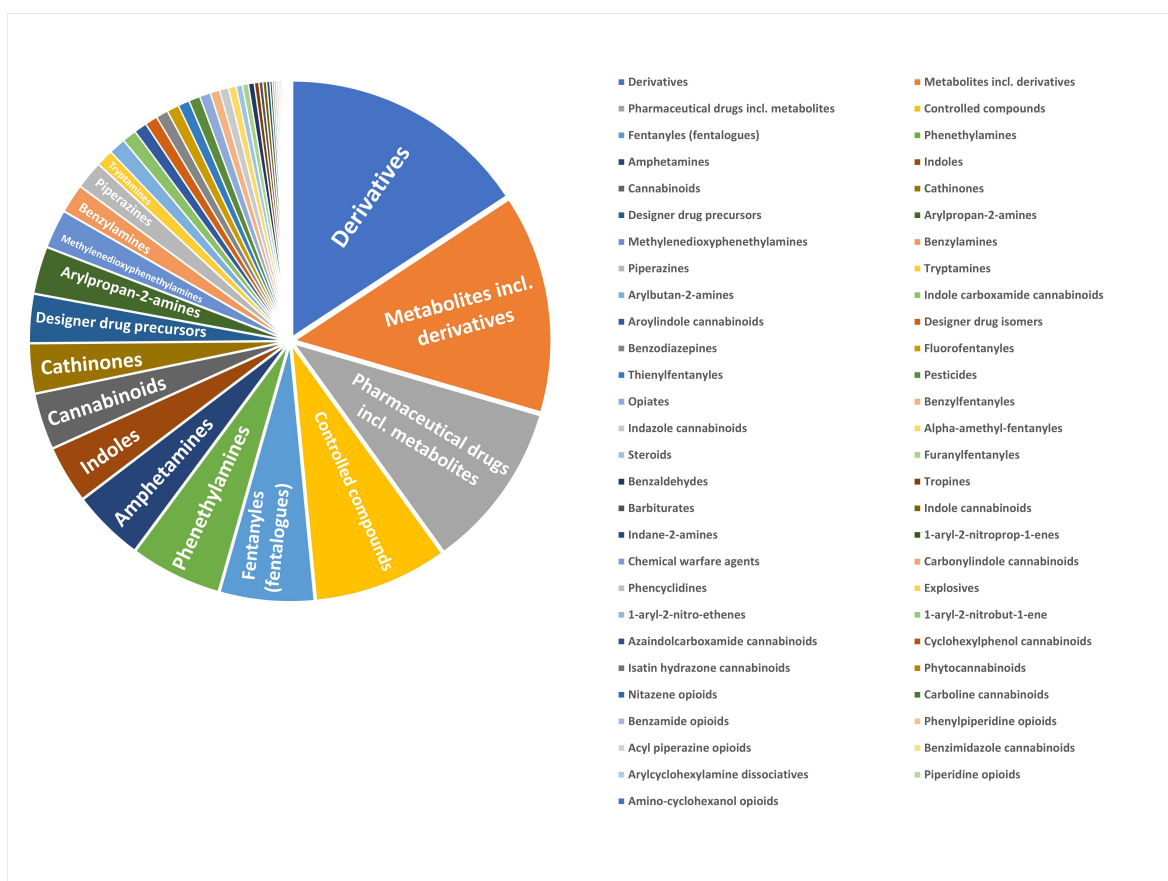
Applications

This database is a critical and essential resource for analytical chemists in forensic, clinical, and toxicological laboratories who support law enforcement authorities with their services.



Compound Coverage

This database is the most comprehensive of its kind and includes pharmaceutical and street drugs covering classes such as fentanyl, opioids, hallucinogens, antidepressants, tranquilizers, cannabinoids, and many more!



Compatibility

Compatible with most current and legacy mass spectrometry data systems and is also available for use with Wiley's KnowItAll analytical software, with MS Adaptive search, which aids in the identification of novel compounds using structure/fragment relationships.

For full compatibility information, please visit sciencesolutions.wiley.com/compatibility

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Ordering Information

Mass Spectra of Designer Drugs 2023
ISBN: 978-3-527-35288-3
FORMAT - USB

Mass Spectra of Designer Drugs 2023, Upgrade
ISBN: 978-3-527-35287-6
FORMAT - USB

A KnowItAll subscription is also available:

Designer Drugs GC-MS Library (Annual Subscription)
SKU: 978EALDB04331

Designer Drugs GC-MS Library (Annual Subscription Renewal)
SKU: 978EALDB04324



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.