

WILEY

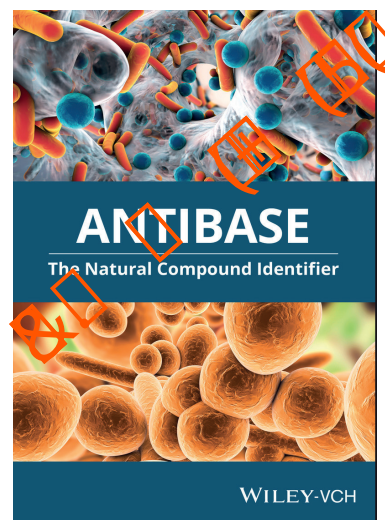
Wiley Identifier of Natural Products

(AntiBase Library + ChemWindow)



For compound screening and other applications in natural compound research!

Originally developed by Dr. Hartmut Laatsch, the **Wiley Identifier of Natural Products for Drug Discovery (AntiBase + ChemWindow)** is a comprehensive database of more than 53,000 natural products and their chemical structures. This collection is key to scientists identifying natural products in drug discovery and other areas of research.



Key Features:

Data-Rich Property Fields: In addition to chemical structure, valuable metadata included for each record where available :

- **Compound Properties** - molecular formula, mass, composition, class, geo-location
- **Physico-Chemical Data** - melting point, optical rotation
- **Spectroscopic Data** - IR, HRMS, mass spectra, UV, plus high-quality predicted C-13 NMR data generated using Wiley's proprietary NMR spectrum prediction algorithm
- **Related References** - direct DOI literature link, Human Metabolome Database

Carefully Curated and Verified Data: Data collected from primary and secondary literature; then carefully checked and validated with key references and sources provided as a data field.

Now Includes Wiley's ChemWindow® Software: Search the entire collection using ChemWindow's advanced data search and mining features. Also includes tools for structure drawing, reporting, and building your own databases. Learn more at www.chemwindow.com



Applications

Microbiologists, chemists, pharmacologists, molecular biologists, and academic researchers working with natural compounds in a range of applications such as:

- Antimicrobial Screening
- Drug Screening
- Pharmaceutical/Biotech
- University Research / Education
- Agriculture
- Food & Cosmetics



Library Specifications:

- Natural Product Compounds: 53,801
- Chemical Structures: 48,887
- Compound Classification Data: 13,724
- Source/Origin Data: 46,449
- Optical Rotation (OR) Values: 9,907
- Melting Point Data: 6,022
- HMDB References: 1,532
- IR Spectral Data: 5,711
- H-NMR Data: 1,150
- C-NMR Data: 40,768
- UV Data: 11,315
- MS Data: 755



Compatibility

For instrument compatibility visit sciencesolutions.wiley.com/compatibility



Compound Coverage

Compound coverage includes:

- Algae
- Animals
- Bacteria
- Cyanobacteria
- Dinoflagellate
- Fungi
- Lichens
- Myxobacteria
- Plants
- Protozoan
- Slime mold
- Yeast



Ordering Information

Wiley Identifier of Natural Products for Drug Discovery (AntiBase Library + ChemWindow Software)

Available as a one-year subscription

ISBN: 978 EALDB0 4188 RENEWAL ISBN: 978 EALDB0 5529



Trusted Data from a Trusted Source

Wiley is an authoritative source for scientific 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.