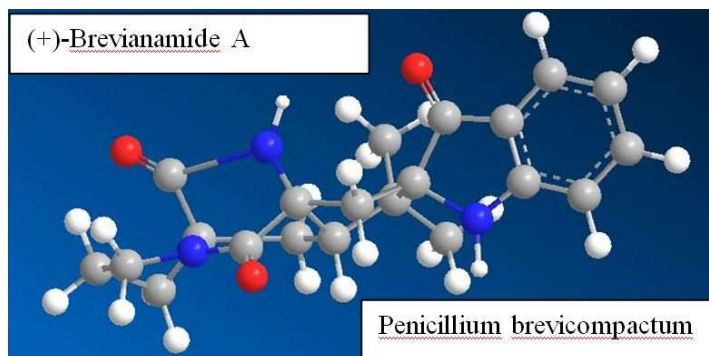


AntiBase 2011

The Natural Compound
Identifier

Hartmut Laatsch



AntiBase 2011 is a vividly growing database of 38,843 natural compounds from microorganisms, higher fungi, algae, and dinoflagellates. Included are also naturally occurring carotenoids and quinones from many other sources. The data in **AntiBase 2011** have been collected from the primary and secondary literature and were then carefully checked and validated.

Included in the database are: descriptive data (molecular formula and mass, elemental composition, CAS registry number); physico-chemical data (melting point, optical rotation); spectroscopic data (UV, ¹³C-NMR, IR and mass spectra); biological data (pharmacological activity, toxicity); information on origin and isolation; and a summary of literature sources.

For those compounds where no measured spectra were inserted so far, the 2011 edition of **AntiBase** utilizes predicted ¹³C-NMR spectra produced by SpecInfo, the spectrum prediction program of Wiley. Calculated high resolution molecular masses are also included now as a new topic.

Other features included in **AntiBase 2011** are: structure and substructure search capabilities; drawing tools ISIS/Draw and Chemdraw to draw structure or substructure queries; physical and biological data search; and a feature search that enables the natural product chemist to identify a given compound if it has already been isolated and stored in the database.

Content

- 38,843 compounds from microorganisms and higher fungi
- More than 70,000 literature references
- More than 400,000 biological, physical, and physicochemical data records
- High resolution masses for the ions M, M±H, M+Na,
- Predicted ¹³CNMR spectra

Available Database Formats

AntiBase 2011 is available in the following formats:

- ISIS/Base (MDL) and ChemFinder (CambridgeSoft)
ISBN: 978-3-527-32827-7
- SciDex (LCI Publishers)
ISBN: 978-3-527-32828-4

Ordering Information

- For a price quote:
neudert@wiley-vch.de
- More information about databases:
www.stmdata.de