



## [Institution name]

### has access to the most comprehensive source of natural product information available

The **Dictionary of Natural Products (DNP)** provides access to chemical, physical, and structural data on hundreds of thousands of natural products. Each product is linked via the species name to Catalogue of Life ([www.catalogueoflife.org](http://www.catalogueoflife.org)), providing authoritative taxonomic information.



### Functionalities Include:

- Closely related natural product compounds are organized into the same entry to simplify and bring out the underlying structural and biosynthetic relationships.
- Structure diagrams are drawn and numbered in the most consistent way to show biogenetic relationships.
- Every natural product is indexed by structural/biogenetic type under one of more than 1000 headings.
- **User friendly interface allows for simultaneous text and structure searching.**
- Extensive coverage of natural products of unknown structure.
- Searchable structures for derivative compounds.

### Explore Key Features:

- **Mobile Responsive Design** the web-based database is formatted for tablets and mobile devices.
- **Save Searches** provides improved functionality to create and compile searches in hit lists, allowing for easy reloading.
- **Improved Entry Display** allows users to expand and collapse compound sections within an entry for easy reading.

### Covers all types of natural products from all biological sources:

- Alkaloids
- Antibiotics
- Flavonoids
- Carbohydrates
- Tannins
- Terpenoids
- Steroids
- Polyketides
- Polypyrroles
- Lignans and neolignans
- Amino acids and peptides
- Natural products of unknown structure

### Each entry includes, as applicable:

- Accurate systematic chemical names and trivial names
- Chemical Structures
- CAS Registry numbers
- Extensive biological source data
- Molecular formulae and weights
- Physical data including melting/boiling points, optical rotation, and dissociation constants
- General Uses
- Biological Activity
- Hazard and toxicity information
- All related natural products through a biogenetic classification scheme
- Concise bibliography