



Dictionary of Natural Products

[Enter Institution Name Here]

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), 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 provide** 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 | ▪ Terpenoids | ▪ Amino acids and peptides |
| ▪ Antibiotics | ▪ Steroids | ▪ Natural products of unknown structure |
| ▪ Flavonoids | ▪ Polyketides | |
| ▪ Carbohydrates | ▪ Polypyrroles | |
| ▪ Tannins | ▪ Lignans and neolignans | |

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

DNP is continually reviewed and updated every six months to keep pace with the current literature.