

*Here is what you will find in the Commercial Version of ACD/ChemSketch:*

## ACD/ChemCoder

### When Do You Need 2D Barcodes of Structures?

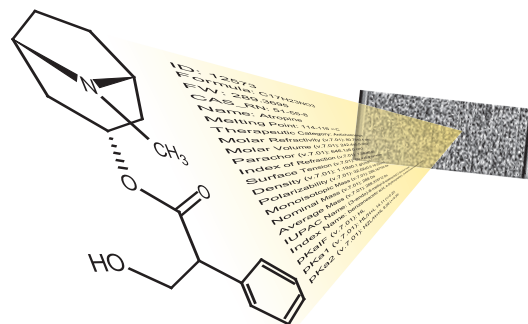
- For visual structure confirmation of a sample to instantly evaluate stereochemistry, tautomerism, or other structural details not covered by the provided chemical name or ID number
- For chemical stock control when a chemical name or formula is not sufficient
- To securely transfer chemical structure information between disparate computer systems

### ACD/ChemCoder

ACD/ChemCoder enables you to:

- Encode chemical structures and associated ancillary data into two-dimensional barcodes
- Retrieve chemical structures and data, and return them to the appropriate software for display or structure-based searching (barcode scanning device is required)

Frequently, chemists are unable to visually inspect and confirm the nature of a chemical substance when represented as systematic nomenclature or chemical ID. ACD/Labs' conversion of a barcode to a chemical structure has now made this possible.



### Why ACD/ChemCoder?

Chemists must always work with structure names and shapes. Even the best textual names in full compliance with IUPAC or CAS nomenclature is not always an easy way to represent molecules. ACD/ChemCoder is built to address a major concern of chemists: what is the actual structure and stereo configuration of a sample in a particular container on a shelf?

The traditional label on a container usually contains:

- A 1D barcode referring to a database, from which a customer will be able to retrieve the molecular structure, and/or
- A chemical name that can be interpreted manually or by using the suggested software program, such as the ACD/Name to Structure Module.

Unlike traditional 1D barcodes, ACD/Labs 2D barcode is not a link to a structure stored elsewhere—IT IS THE STRUCTURE ITSELF, so there is no need to refer to a database.

Our 2D barcode contains a structure that requires no additional interpretation or translation!

ACD/ChemCoder is also available as a Software Development Kit (SDK) to build barcoding capabilities into custom applications.

### Additional features available in the commercial version of ACD/ChemSketch:

- ACD/Labs Extension for ChemDraw
- ACD/Dictionary
- SDfile Viewer
- Search for Structure option
- Technical support

*For more information and the latest updates, visit our web site:*  
[www.acdlabs.com/chemsketch](http://www.acdlabs.com/chemsketch)