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ACD/ChemSketch

Nomenclature & Chemical Drawing

[Nomenclature](#)[Structure Drawing](#)

A complete software package for drawing chemical structures.

[Try It Out](#)[ChemSketch Freeware](#)

ACD/ChemSketch is a chemically intelligent drawing interface that allows you to draw almost any chemical structure including organics, organometallics, polymers, and Markush structures. Use it to produce professional looking structures and diagrams for reports and publications.

Features

- Draw and view structures in 2D, or render in 3D to view from any angle
- Draw reactions and reaction schemes, and calculate reactant quantities
- Generate structures from **InChI** and SMILES strings
- Generate IUPAC systematic names for molecules of up to 50 atoms and 3 ring structures
- Predict **logP** for individual structures
- Search for structures in the built-in dictionary of over 165,000 systematic, trivial, and trade names

Benefits

- Visualize chemical structures in 2D or 3D to gain more insight into spatial configurations, and relationships to molecular properties
- Create professional reports, working with structures, text, and graphics simultaneously

ACD/ChemSketch also allows you to check other tautomeric forms for your drawn structure. Consideration of tautomeric forms is very important for structure searching, predictions (such as physicochemical properties, i.e., pK_a), and interpretation (i.e., of NMR, MS, and other analytical data).

Additional Resources

Import and export structure files in a variety of [standard file formats](#).

See some [examples](#) of molecules drawn with ACD/ChemSketch

[Full List of Features](#)

What's New

[What's New in the Latest Version](#)

Reviews

[See what people are saying about ACD/ChemSketch](#)

Components

[ACD/Dictionary](#)

[ACD/3D Viewer](#)

[ACD/ChemBasic](#)