Accelerate your research with these powerful new features and upgrades – only available in ChemDraw 17

Hotkeys Enhancements
ChemDraw® users love hotkeys! That is why we thought we should improve them. Hotkeys and reaction shortcut enhancements will improve your user experience with ChemDraw by cutting down drastically the amount of time needed to draw complex molecules and reactions to a sequence of key strokes. It is also now possible to switch between the different tools without relying on time-consuming back and forth movements with the mouse. With the new hotkey enhancements you will spend far less time on drawing your reactions and much more time focusing on your research!


Support for Hierarchical Editing Language for Macromolecules (HELM)
Today’s chemists are eager to turn customized biopolymeric sequences into novel compounds – and ChemDraw gives you the tools and the language to do it. ChemDraw now features support HELM notation, the Pistoia Alliance’s emerging global standard for representing and sharing complex molecular types ranging from natural or unnatural peptide or nucleic acid sequences.

Available with ChemDraw Professional and ChemOffice Professional.

Seamless Integration with PerkinElmer Signals™ Notebook Individual Edition

Available with ChemOffice Professional.

Structure-to-Name and Name-to-Structure Improvements:
ChemDraw now supports:

- A new atom numbering scheme, where the numbers are derived from their explicit or implicit values in the IUPAC name.
- The naming of Enhanced Stereochemistry centers. Names including ‘AND’ and ‘OR’ enhanced stereo centers and absolute stereo centers (in any combination) are supported.
- The generation of structures from a CAS Registry Number through ChemACX look-up. A new function has been added to look up a CAS RN through ChemACX.com, PerkinElmer’s database of commercially available compounds and return the corresponding chemical structure.

Available with ChemDraw Professional and ChemOffice Professional.
ChemDraw Add-ins
ChemDraw add-ins enable third parties to extend the capability of ChemDraw by integrating features easily and quickly using the latest web based technologies. The add-ins are implemented using Javascript/HTML for ease of integration and portability. The ChemDraw add-in platform provides access to a ChemDraw JavaScript API which enable the add-ins to access the various features of ChemDraw.

Available with ChemOffice Professional.

Facilitated Chemical Structure Pasting:
ChemDraw now supports direct pasting of CDXML and other text formats like SMILES, MOL, InChi, and HELM as a structure using Edit>Paste (Ctrl+V) menu option, with plain text in the clipboard.
You can copy/paste to and from ChemDraw JS, ChemDraw and MS Office embedded ChemDraw documents without loss of chemical information (requires browser-specific clipboard extension, Windows only).


Access to MestreLab Mnova ChemDraw Edition
Load, process and analyze 1D NMR and LC/GC/MS data directly on your desktop with data coming from all NMR and many MS vendors.

Available with ChemOffice Professional.

High DPI Monitor Support
ChemDraw 17.1 adds support for high DPI monitors for enhanced user experience.


ChemDraw JS

Available with ChemOffice Professional Site License.

For more information please visit www.perkinelmer.com/product/chemdraw-and-chemoffice-chemdraw