ChemDraw 17

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!

Available with ChemDraw Prime, ChemDraw Professional and ChemOffice® Professional.

- Dramatically reduce the time needed to draw your molecules with smartly designed hotkeys.
- Draw your molecules and reactions without having to rely on back and forth gestures with the mouse.
- The new hotspot visualization system allows you to see the active atom or bond, which can be moved with keyboard arrows.
- Switch between tools by simply pressing on designated keyboard keys.
- New reaction shortcut allows you to draw a sequence of reactions in no time, extending automatically the length and width of the page as you draw.

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.

- Import, draw, edit and export complex biomolecular structures, containing natural or custom and unnatural monomers by selecting from a comprehensive list of peptides, nucleic acids or chemical protecting groups or via HELM strings.
- Paste a HELM text string into a fully chemically-interpreted HELM sequence that can be expanded and contracted as per your display needs.
- Easily search for specific monomers using the HELM toolbar filtering capabilities, through type-ahead filtering and, of course, structure search.
- Define and store your own custom monomers to be used into your HELM sequences.

PerkinElmer®
For the Better

Advanced Document Tagging

Easily add custom-defined metadata fields to your ChemDraw documents to allow you for an easier retrieval of information.

Available with ChemDraw Prime, ChemDraw Professional and ChemOffice Professional.

Seamless Integration with PerkinElmer Signals™ Notebook

Enjoy free accounts to PerkinElmer Signals™ Notebook, our powerful web-based Electronic Lab Notebook. You can enjoy seamless workflows between both tools including browsing and working with any ChemDraw file in PerkinElmer Signals™ Notebook by opening or simply copying/pasting. Document, track and search for your experiments easily with PerkinElmer Signals™ Notebook.

Available with ChemOffice Professional.

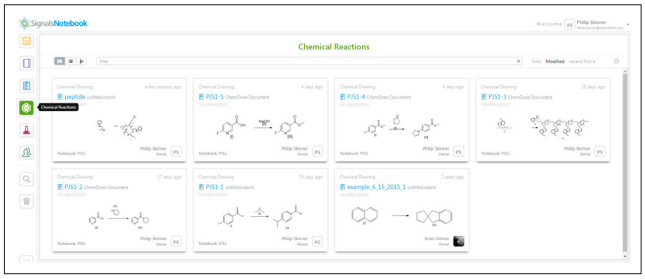
Access to MestreLab Mnova ChemDraw Edition

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.

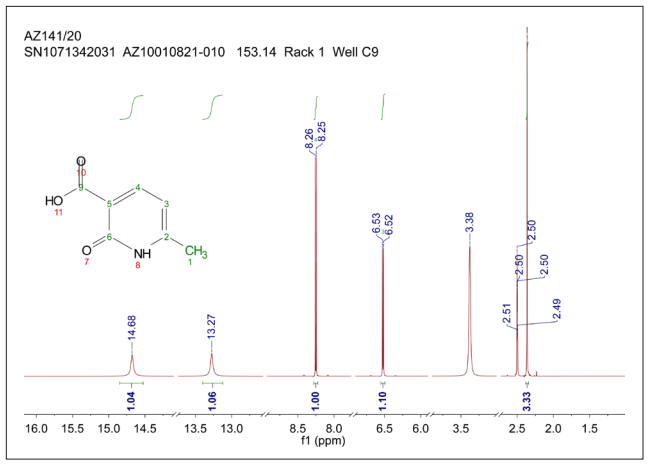
Available with ChemOffice Professional.

High resolution monitor support for Microsoft® Windows®

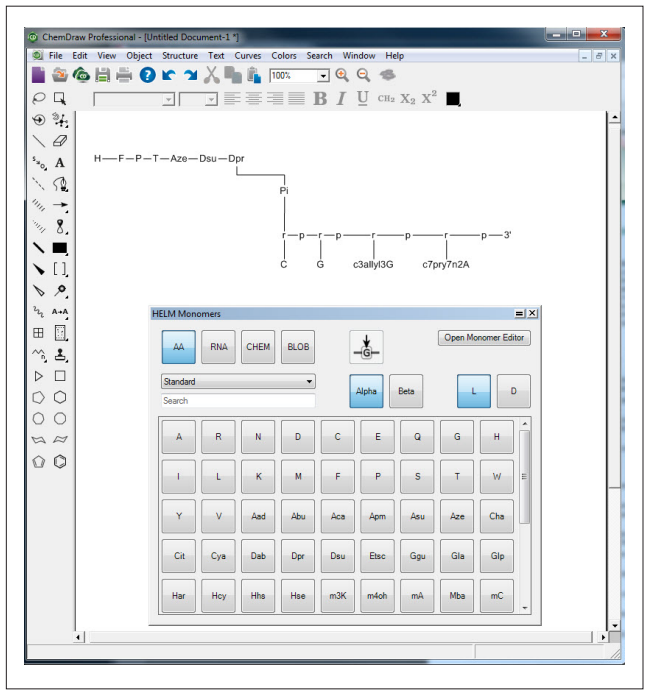
ChemDraw 17 now supports high resolution (4K) monitor display for Windows®.



Reaction Interpretation in PerkinElmer Signals™ Notebook for ChemDraw.



Mnova ChemDraw edition allows processing and analysis of 1D NMR direct from your desktop.



Create novel, complex biopolymers with the new HELM editor.

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

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