

## Feature Comparison: ISIS/Draw 2.5 vs. Symyx Draw 3.1

Symyx Draw surpasses ISIS/Draw in functionality and value. Compare for yourself and see why more research organizations are turning to Symyx Draw.

Feature	ISIS/Draw	Symyx Draw
Presentation quality graphics		•
Support for drawing bio-molecules	•	•
Polymers, Formulations, Mixtures - Render	•	•
Polymers, Formulations, Mixtures – Create and Edit	•	•
Rgroup query	•	•
Rgroup query logic	•	•
Attach data	•	•
Structure to IUPAC Name	•	•
IUPAC name to structure		•
Structure to SMILES		•
Structure to canonical SMILES		•
Structure to InChI name		•
Structure To InChI key		•
InChI name to structure		•
Naming fragments		•
NEMA key generation		•
Add-ins	•	•
3D query - Render	•	•
3D query - Create and Edit	•	•
Scientific symbol chooser		•
Unlimited number of templates on the toolbar		•
Drag-&-drop definition of templates		•
Large library of protecting group templates		•
Extensive use of right-click for common operations		•
Multiple Undo and Redo		•
Access to graphics properties from toolbar		•
All-purpose drawing tool		•
Cut, Copy, & Paste on toolbar		•
Font size, style, emphasis, & color on toolbar		•
Paragraph left, center, right on toolbar		•

Feature	ISIS/Draw	Symyx Draw
File New, Open, & Save on toolbar		•
Superscript and subscript on toolbar		•
Alignment grid	•	•
Movable origin for Alignment grid		•
Publication setting styles	•	•
Document page view	•	•
IUPAC recommendation for stereochemistry		•
Flip	•	•
2D rotate	•	•
3D rotate	•	•
Set bond horizontal or vertical	•	•
24 arrow type		•
Symyx Draw as default editor – dbl-click on object	n/a	•
Symyx Draw as editor in ISIS/Base	n/a	•
Atom and bond types	•	•
Enhanced stereochemical perception	•	•
Support molfile, reaction file, and ISIS sketch file	•	•
Highly configurable		•
Available for use in Java environments		•

Symyx Draw can be setup as the default editor at installation so that double-clicking on a molfile, reaction file, or an ISIS sketch file will open the file in Symyx Draw for editing. Symyx Draw is highly configurable and may be customized for use in a wide range of situations to support customized rendering and editing—both standalone and embedded—in other applications.

Symyx Draw can be used as the default editor in ISIS/Base scenarios.



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