

# BIOVIA INSIGHT FOR EXCEL

Datasheet



**BIOVIA Insight for Excel** is an add-in to Microsoft Excel® spreadsheet software providing scientific data analysis capabilities within the familiar spreadsheet environment. **BIOVIA Insight for Excel** supports effective decision-making through the aggregation, analysis and presentation of scientific data.

## INSIGHT FOR EXCEL CAPABILITIES

- Load and export molecular data files - SDfile, RDfile, XDFfile, and other molecular data files and display live chemistry in Excel. Note: RDfile and XDFfile support hierarchal data, **BIOVIA Insight for Excel** can import or export as flattened or hierarchal data.
- Work with chemistry data in excel sheets; add, edit, clean and align chemistry objects. Utilize **BIOVIA Draw** to create and edit your chemistry objects; molecules, reactions and chemically modified biomolecules.
- Transfer excel sheet data from **Insight for Excel** to **Insight** to visualize and collaborate on.
- Search databases - Using **BIOVIA Insight**, search published data sources and place the resulting data into Excel.
- Chemistry spreadsheet search - Search within spreadsheets for chemistry and filter results.
- Query templates - Build and share spreadsheet templates with defined database fields that allow users to run queries and retrieve corresponding results.
- Calculate molecular properties - Built-in Excel functions allow you to calculate molecular properties on the structures in your workbook without the need to connect to a **BIOVIA Pipeline Pilot** server.
- Text conversion - Convert common structure strings and files, such as rxn, mol, rgfile, Chimestring, SMILES, SMARTS, SMIRKS, InChi, RInChI and HELM to molecules.
- Desktop only - Use as a standalone add-in for Microsoft Excel® or extend its capabilities by connecting to a Pipeline Pilot server on your internal servers or hosted on **BIOVIA's ScienceCloud**.
- RGroup analysis - Perform RGroup analysis on structures to decompose a set of structures into cores and fragments for further analysis.
- CombiChem analysis and enumeration - Perform combinatorial chemistry analyses on a set of structures.
- Markush enumeration - Define Markush scaffolds and enumerate all members.
- Extensible environment to run **Pipeline Pilot** protocols from Excel – Access **Pipeline Pilot** capabilities from Excel. **Pipeline Pilot** protocol authors can expose existing and new capabilities to Excel users.
- Use the same depiction settings as **BIOVIA Draw** or **BIOVIA Pipeline Pilot Chemistry** or personalize your depiction options.
- **BIOVIA Insight for Excel** provides the best from our legacy Excel offerings and is the latest and most up-to-date scientific Excel add-in. Convert legacy ISIS, Accord and Isentris for excel files.

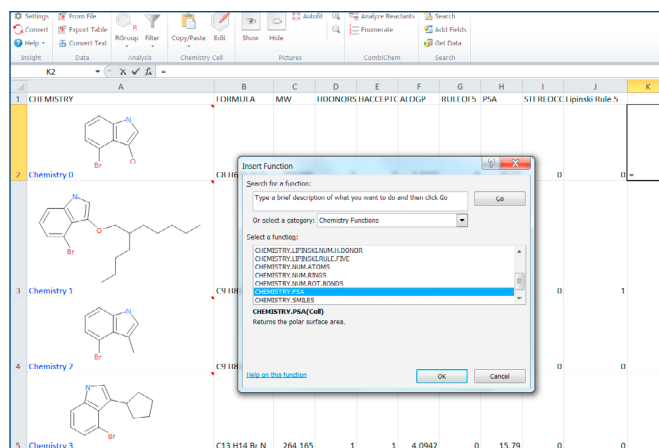


Figure 1: Perform scientific calculations from Excel

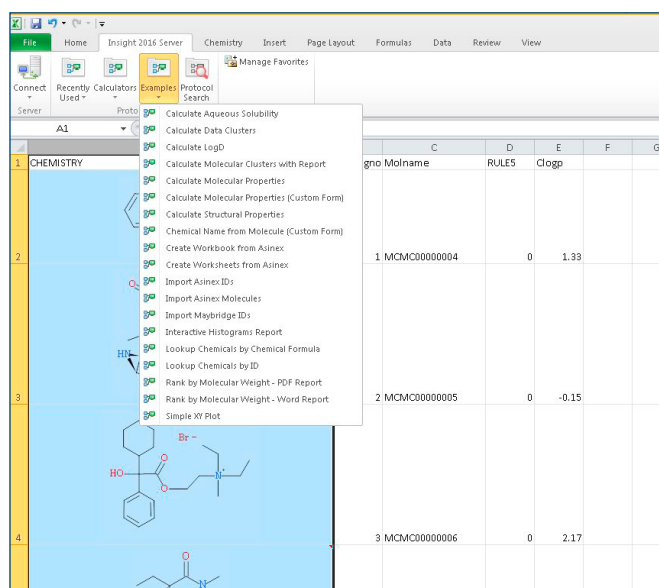
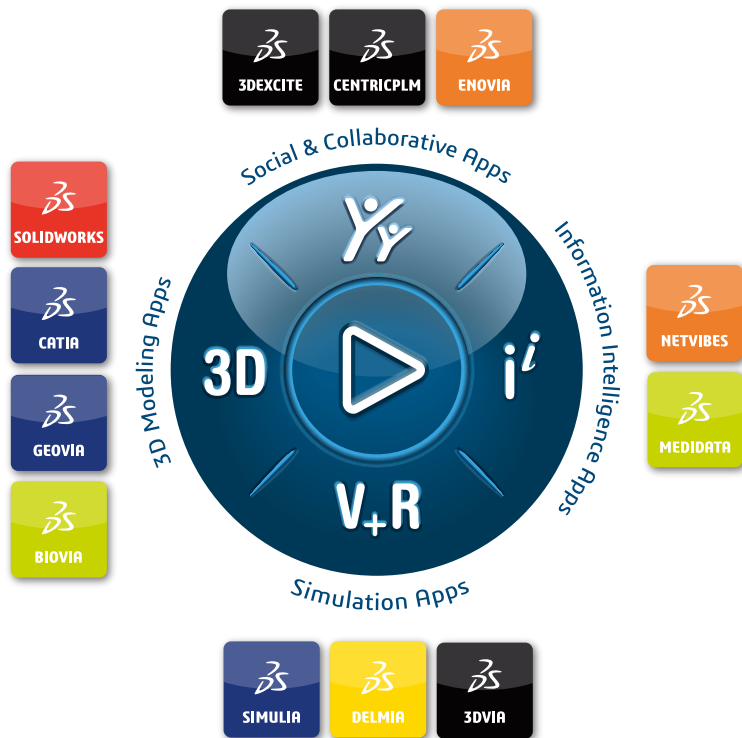


Figure 2: Connect to BIOVIA Foundation to access the full breadth of scientific capabilities

## System Requirements:

Insight for Excel comprises an add-in to Excel and a package that installs into the BIOVIA Foundation HUB providing access to a Pipeline Pilot server. System requirements for are available from BIOVIA download site.

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