Top-Class Software Suite for Comprehensive Analytical Chemistry Data Processing

Mnova is a powerful, multi-vendor software suite designed to seamlessly process and analyze data from NMR, LC/GC-MS, and Electronic & Vibrational Spectroscopic techniques. Our platform is built to work with a wide range of instruments, offering unmatched versatility and precision for your analytical needs!

PLUG-INS

Mnova has 3 basic plugins covering several techniques: Mnova NMR, Mnova MS and Mnova ElViS . In addition, Mnova can run a number of additional advanced modules such as mixtures analysis, reaction monitoring, quantitation, chemical shift prediction, screening, verification as well as physico-chemical properties prediction.

ONE SHARED INTERFACE

Mnova combines all your analytical data within the same software interface. This is a time saver and a very efficient way to process, analyze and report your data.

ONE CORE APPLICATION

Mnova enables you to increase your productivity by combining your analytical data in one piece of software. Advanced algorithmia runs in the background to provide quality results.

WORKFLOW OPTIMIZATION

Excellent ability to manually interact with your data as well as to prepare an automated workflow to save your precious time.

SCRIPTING ENGINE

Perform any action available in the Mnova graphical user interface but in full automation. Our developers have created big projects using our scripting engine and we can help your business if you have specific needs.

MINIMAL LEARNING CURVE

Bringing all your analytical data into one single interface (powerpoint look) makes Mnova a piece of software with an extremely quick rate of learning.

Plug-in Combos

Suite Basic

For users who want to process and visualise their data in a single software tool, whether this is NMR, MSChrom, NMRPredict or Electronic and Vibrational Spectroscopies (ElViS).

Suite Chemist

Designed for synthetic chemists with tools to automatically confirm your structure and to automatically get purity or concentration for your compounds of interest.

Suite Expert

Includes all the functionality developed by Mestrelab within the Mnova environment, as well as access to future Mnova plugins which we release even after you get your license.

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Mnova Plugins

Mnova NMR

Mnova NMR processes your data (1H, 13C or any other 1D NMR as well as any 2D correlations, such as HSQC, HMBC, NOESY, COSY, TOCSY, DEPTs, etc.) fully automatically, whilst preserving the raw data in the background to allow more detailed processing for the expert user, with a wealth of advanced functions.

MSChrom

Processing, analyzing and reporting LC/GC/MS data from various instruments that emphasizes minimalism, simplicity.

MNOVA NMR Predict (NMRP)

Accurate prediction of 1H and 13C NMR spectra from a chemical structure. Prediction of other nuclides is also available.

MNOVA Verify

The aim of Mnova Verify is to evaluate analytical data and to make a judgment as to whether it is compatible with the structure proposed by the user.

MNOVA qNMR

Simple, assisted NMR quantitation – however you prefer. Concentration or purity determination for everything from the specialist to automatic operation.

MNOVA DB

An effective, fully integrated, multiplatform environment for the storage, indexing and searching of analytical chemistry data (NMR, LC/GC/MS and molecular structures).

MNOVA RM

Simple, facilitated extraction of spectroscopic and chemical kinetic concentration data.

MNOVA Screen

Mnova Screen is a state of the art automatic analysis tool for ligand screening NMR data. It offers flexibility for the analysis and reporting of results.

MNOVA SMA

SMA is an open architecture to analyze simple mixtures by NMR. Empirically-derived relationships based on region integrals and fully customized reporting are at the heart of the procedure.

Mnova StereoFitter: (NEW)

Predicts and/or analyse NMR properties(NOE, 3J, RDCs, chemical shift…).Takes a set of experimental data and perform a least squares fitting of conformational amplitudes. Selects the simplest model which explains your data.

Mnova CASE: (NEW) (From NMR data to structure elucidation)

From Molecular Formula and NMR data to structure in a semi-automatic fashion. Easy and intuitive workflow. Using COCON is used as the structure generation engine. Rank structures based on 13C RMSD.

Mnova Binding: (NEW)

Mnova Binding is a powerful tool that automatically, processes 2D HSQC type of protein-ligand titration spectra, tracks the peak movement, and computes the Kd's for multiple peaks. Mnova Binding can process data of multiple titration series for the same target protein in batch mode.

Mnova ElViS: (NEW)

Designed to visualize, process, analyze and report various electronic and vibrational spectroscopic techniques like ultraviolet and visible (UV/Vis), near and mid infrared (NIR/MIR), Raman, fluorescence etc.

SYSTEM REQUIREMENTS

Minimum system requirements

Windows 7 or higher

OS X 10.13 or higher.

Pentium 300 MHz, 128MB RAM, Video Adapter Super VGA (800 x 600) with X11, OpenSSL and OpenGL libraries.

Additional Software:

If you do not have system administrator permissions please:

– Download our per user installer(64-bits)

Choose your distro and make sure you also download and install our sign key.

Customers

Unilever, Cambridge University, University of Oxford, Vernalis, Shepherd, Harvard University, Princeton University, Roche

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