A top quality Electronic Laboratory Notebook

12 REASONS TO LOOK NO FURTHER

1. Designed, developed, and tested by scientists
2. Web-based, no IT infrastructure required
3. Analytical data integration using the power of Mnova
4. More than 2,500 compounds in a preloaded database, with H&S sheets
5. User-configurable stockroom to locate your chemicals
6. Integrated compound and supplier inventory
7. Same responsive support and innovation services as Mnova
8. Support for data migration from other ELNs (*)
9. Easily integrates with third party applications
10. Suitable for research and manufacturing
11. Experiment Witnessing and Approval workflows
12. Automatic Structure Verification by NMR and MS

(*) At present this can be done for Perkin Elmer ELN only but that we are also happy to look at other ELNs

Intuitive

- Streamlined user interface
- Defined user’s roles
  - Group Manager
  - Project Manager
  - Bench Chemist
  - Administrator
  - Guest
- Simple chemistry workflow
  - Projects
  - Reactions
  - Experiments
- Automated or customized reports (pdf)

Chemistry-centered

- Designed by chemists for chemists
- Analytical data integration
  - Process
  - Analyze
  - Store
  - Review and interact
- Integrated chemical compound database
- Embedded molecular sketcher
- Stoichiometric calculations done for you

Seamless collaboration

- Powerful searching tool (by structure and text)
- Cloud-hosted solution with in-house option
- In-app messaging system
- No installation is required
- Automatic updates and maintenance
- Flexible architecture to customize yours needs
- Experiment supervision (witnessing and approval)
MAIN FEATURES

1. Web-based (cloud-hosted or in-house installation)
   - Use Mbook on your web browser of choice.
   - Choose the convenience of cloud or the further control of in-house.
   - Take your chemistry with you everywhere.

Start a 45-day trial now!

www.mestrelab.com/software/mbook

Mestrelab Research S.L
Feliciano Barrera 9B – Bajo 15706
Santiago de Compostela (SPAIN)
+34 881 976 775
www.mestrelab.com
MAIN FEATURES

2 Analytical data integration:

- Process
- Analyze
- Store
- Interact and review

Built-in raw analytical data support using the power of Mnova.

Start a 45-day trial now!

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Hierarchical users’ roles and simple chemistry workflow:

**User’s roles:**
- Group Manager
- Project Manager
- Bench Chemist
- Administrator
- Guest

**Chemistry workflow:**
- Projects
- Reactions
- Experiment

Start a 45-day trial now!

www.mestrelab.com/software/mbook
MAIN FEATURES

4 Inventory: Compound, supplier and stockroom

- Preloaded compound database with over 2,500 common reactants and solvents.
- Build up your own supplier database.
- User-configurable stockroom to locate your chemicals.
**MAIN FEATURES**

5. **Stoichiometric calculations done for you**

A time saver for your write up! Reduce the number of calculation errors with this dynamic stoichiometric table.
**MAIN FEATURES**

6. **Molecular editor with Marvin JS**

Draw your compounds using the powerful molecular editor **Marvin JS** integrated in Mbook.

![Add Participant form and molecular structures](image.png)

Start a 45-day trial now!

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7 Structure verification tool

Evaluates a series of elements (GSD, solvent recognition, novel similarity measure, multiplets and chemical shift predictions) and applies a scoring system to return a “Yes/No/I don’t know” answer.
Main Features

8. Importing reactions from ChemDraw

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Import Experiment
Your experiment should be in CDXML format. Please, copy and paste your CDXML code or upload a CDXML file.

Note: For a better experience, draw your experiment in ChemDraw following these guidelines.

Paste your CDXML code here

Upload a CDXML file

Done

Import Experiment
Your experiment scheme is displayed below. You can assign each experiment participant either to a new compound created by yourself or to an existing compound obtained from lbook's database.