



## **quattro research – Products & Services**

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# Scientific Data Management:

quattro research's  
Products & Services



# Products

## ⇒ Products

- Electronic laboratory notebook
- Compound management & logistics
- Analysis of biological screening experiments

## ⇒ Services

- Research databases
- Scientific data warehouses
- Data Integration
- Individual software solutions



ISV/Software Solutions



# References



MAX-PLANCK-GESELLSCHAFT





# Services

## ⇒ Biological Data Management

- HELM Notation
- Biological registration

## ⇒ Research databases

- Domain models, design & implementation
- Migration, integration and optimization
- Chemical databases (normalization, registration)

## ⇒ Scientific data warehouses

- Biological, chemical warehouses

## ⇒ Individual software solutions

# quattro/LJ



# quattro/LJ – Electronic Laboratory Notebook

⇒ Generic ELN

⇒ Modules for

- Medicinal chemistry (stoichiometry, reaction planning)
- In-vitro screening
- In-vivo pharmacology
- Biotechnology
- ...

⇒ Flexible entry design

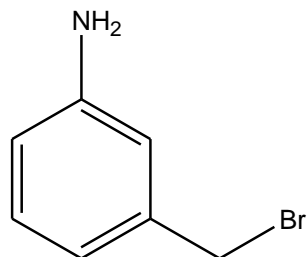
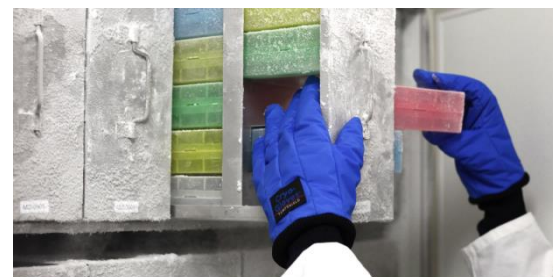
⇒ Intuitive user interface



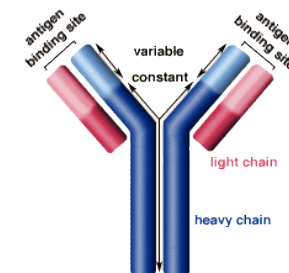
# quattro/CM



# What is quattro/CM?



Compound Management



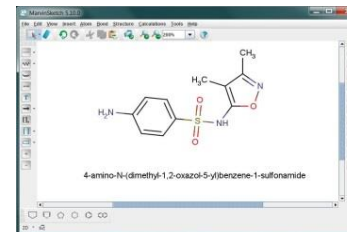
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## quattro/CM – Compound Logistics & Management

- ⇒ Management of chemical and biological inventories
- ⇒ Web and Windows client
- ⇒ Flexible container location management, e.g. rooms, freezers, well plates
- ⇒ Integrated interfaces to storage systems, balances, robotics etc.
- ⇒ Extensive search capabilities
- ⇒ Request system for ordering substance, aliquots and well plates
- ⇒ Material safety data: CMR, GüG, R/S



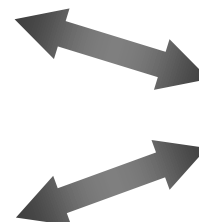
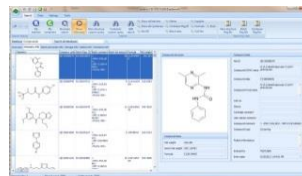
### MarvinSketch



quattro/LJ

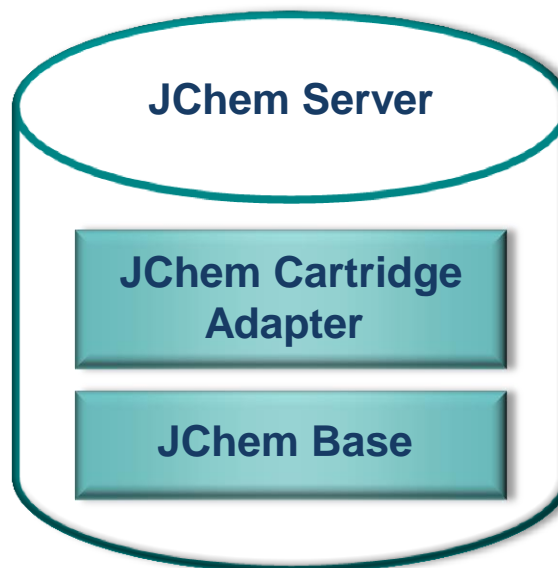


quattro/CM



Client

Server



# Why quattro research?



# quattro research

- ⇒ Scientists with strong database and IT background
  - Chemists, biologists, bioinformatics
- ⇒ Broad domain knowledge
  - Drug discovery,
  - Biological and chemical registration systems
  - Data warehousing, databases
- ⇒ Reliable and flexible
  - Ask our customers!

# Thank You

