
Does your work flow?
Reaxys supports the workflow of your researchers, increases their productivity and elevates the output of your organization.
reaxys®

Reaxys fuels discovery and innovation by integrating reaction and substance data search with synthesis planning.

Easy access to relevant and actionable results means chemists can move more quickly through the steps in their workflow and deliver superior outcomes.

Introducing Reaxys

Time is short, pressure is high and when there's too much information to sort through no one can be effective. Reaxys delivers relevant, actionable results. What more could you want from a workflow tool?

Integrated workflow tools
Reaxys integrates reaction and substance data search with synthesis planning, so researchers can move more quickly through the steps in their workflow.

Relevant information
Reaxys offers unsurpassed depth of quality information in combination with excellent analysis tools, so researchers can be confident that they can find exactly what they need.

Productive processes
Reaxys saves valuable time by integrating relevant and actionable information, so researchers can expect improved outcomes.

We spend a lot of time with chemists. Listening to them and watching them work has given us enormous insight into the frustrations they face. Too much effort to find and acquire the data they need to start their experiments, too much time spent validating results, too many false starts.

In the following pages, we'll tell you more about Reaxys and how it can support your researchers, increasing their productivity and elevating the output of your organization. You'll learn a bit more about how our tools save researchers' time. We'll tell you about the extraordinary quality of information that we deliver and, last but not least, we'll show you how easy Reaxys is to use.

How Reaxys supports the workflow in chemistry-related R&D

Cheminformatics, Medicinal / Bio-chemistry

Analyze Structure–Data–Relationships
Measured Physical, Toxicity and Pharma-Data
Structure-Data-Tables

Find target structures with specific properties
Substance Profiles:
Huge pool of different measured substance data

Synthetic Chemistry

Search Chemical Reactions
Superior Reaction Database

Develop the best Synthesis Strategy
Synthesis Planner Tool
Reaction Conditions
Filer, Ranking & Analysis Tools

Optimize Synthesis
Yield, Conditions,
Reaction Procedure Text
Commercial Availability
Toxicity Data

Identify Products
Spectral & Physical Data

Information / Patent Searching

Check Novelty
Reactions from journal literature since 1771
Reactions from patent literature since 1889
Reaction Procedure Texts from patent documents

Provide Substance Profiles
Data from different sources collected in one substance record

Provide intelligent search reports
Smart tabular data views and flexible exporting/reporting

Process Engineering Chemical Engineering

Optimize Synthesis
Yield, Conditions,
Reaction Procedure Text
Commercial Availability
Toxicity Data

Upscale Process
Yields & Amounts
Reaction Conditions
Solubility, Toxicity Data,
Enthalpy Data

Experimentally validated reaction and substance data

The chemists you serve need high quality, relevant information they can trust. With Reaxys, you can give them experimentally validated reaction and substance data so they can spend less time interrogating their results and avoid false starts.

Extensive coverage
Reaxys has extensive coverage of authoritative information in organic, organometallic and inorganic chemistry including:

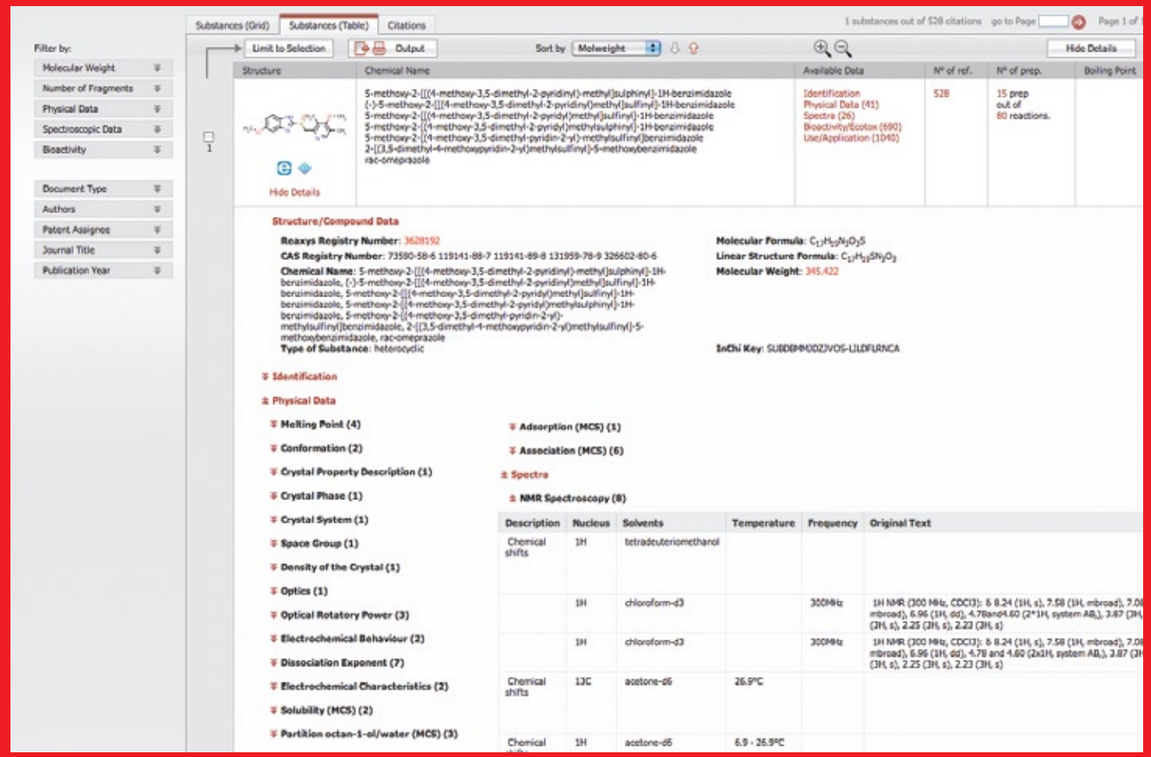
- Single and multi-step reaction data
- Information on catalysts
- Experimental substance property data
- Commercial availability tags

Multi-step reactions
Reaxys provides more complete information about a reaction pathway. With multi-step reactions, chemists get more insight into the intermediary steps in a synthetic process. Identifying precursor reactions to the target will enhance chemists' workflows.

Rich heritage
Reaxys combines the content of prestigious databases **CrossFire Beilstein, CrossFire Gmelin** and the **Patent Chemistry Database**. With such a rich, time-tested heritage, chemists can rest assured the information they find meets their quality standards.

Expert selection
Expert chemists carefully extract high-quality, experimentally validated reaction and substance data from selected journals and patent literature.

Quality Information



Access in-depth, experimentally validated, not calculated, data excerpted from the literature.

Tools to evaluate hit sets and design synthesis strategies

It’s about time. Saving it and maximizing it so your researchers can move with confidence and ease from a basic idea to a target compound. And they need to be able to do that at their convenience: anytime, anywhere.

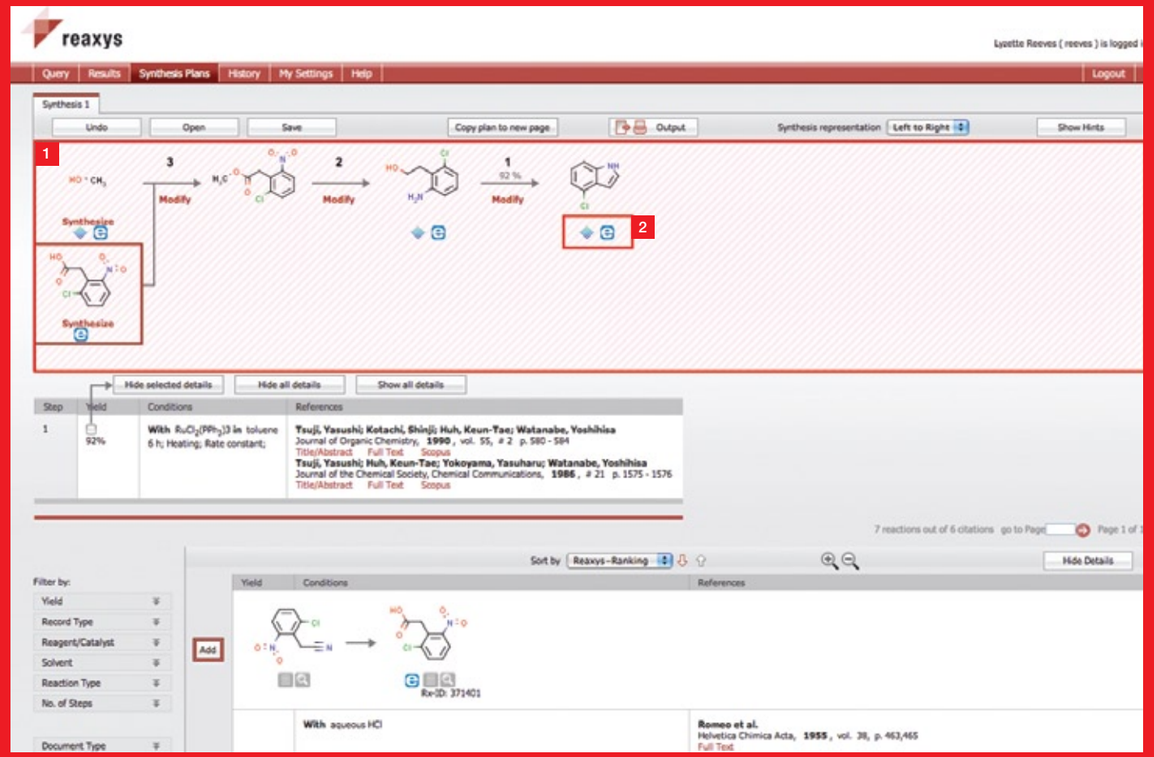
Single-result records
A single-result record – from all available data for the queried compound or reaction – removes barriers between separate information sources. Reactions with the same reactant and product, but with different reagents, solvents and conditions, are merged into one, single-reaction record. From this same record, researchers can assess other properties, evaluate optimum synthesis routes and spend less time manually de-duplicating their results.

Procedure text from patent publications reduces the need to go to the patent full text to check relevance.

Synthesis planner
A unique synthesis planner supports evaluation of alternative synthetic routes, and allows to identify and combine selected reaction steps to generate the most effective synthesis strategy.

Anytime, anywhere
With flat-rate access, the chemists in your organization can get the information they need immediately and simultaneously. Reaxys is web-based, so they can work anytime and from anywhere. And, because there’s no software rollout required, it’s less administrative work for you.

Time saving



1. Search reactions and plan a synthesis
2. Check commercial availability and supplier data for reaction partners

An intuitive interface designed by chemists for chemists

With Reaxys, busy chemists can be confident they'll find what they need quickly and easily. That's because Reaxys was designed in close cooperation with chemists from different disciplines and geographical regions and uses chemistry as an organizing principle.

Development partners
To ensure that Reaxys supports every step in a chemist's workflow, we work closely with development partners from pharmaceutical and other chemistry-related industries, universities and government institutes.

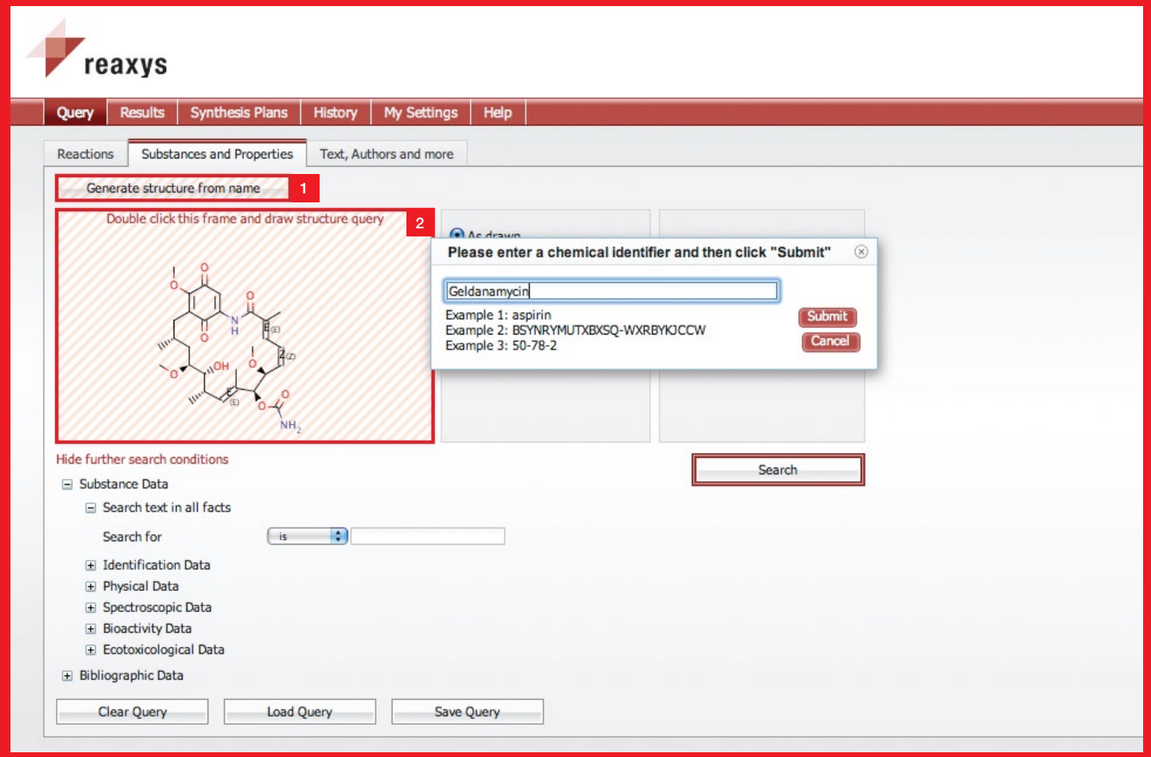
Filtering results
It's easy to find, filter and analyze data. Ranked results are displayed in a convenient, tabulated overview, so chemists can see the most important information at a glance. Tools to group, filter and analyze results make it easier to rank hit sets and show the most relevant results. What's more, data is organized in substance and reaction profiles, and data from different publications is merged into one hit record.

Interoperability
With Reaxys you can export structures and reactions together with their data, for instance, as reaction-data-tables. It's easy to integrate with other systems, so you can load structures/reactions and data/text.

Reaxys is interoperable with the Elsevier product suite. Linking to Scopus – the largest abstract and citation database – is as quick as a click of a mouse. And it's just as easy to access primary research found on Elsevier's full-text database: ScienceDirect.

Training and support
Reaxys is easy to use, so the amount of time you'll have to spend on training is minimal. And we'll be with you, every step of the way, offering you support with webinars, user guides, FAQs and more.

Usability



1. Generate chemical structures from a name
2. Draw a structure query

For more information, or to request a complimentary trial visit:
www.info.reaxys.com

Americas:
E-Customer Service
360 Park Avenue South
New York
NY 10010-1710
Toll Free: +1 888 615 4500
Tel: +1 212 462 1978
Fax: +1 212 462 1974
Email: usinfo@reaxys.com

Europe and all other regions:
E-Customer Service
Theodor-Heuss-Allee 108
60486 Frankfurt/Main, Germany
Tel: +49-69-5050 4268
Fax: +49-69-5050 4213
Email: nlinfo@reaxys.com

Japan:
E-Customer Service
1-9-15 Higashi-Azabu
Minato-ku Tokyo
106-0044 Japan
Tel: +81 3 5561 5034
Fax: +81 3 5561 5047
Email: jpinfo@reaxys.com

reaxys®