

Kick off successful careers in chemistry

Ensure that you're incorporating the right research skills into your education. Reaxys supports students and instructors with everything needed to succeed in professional chemistry.

Efficient discovery and use of chemistry information

Chemistry is a catalyst of advances in material science, engineering, biology, pharmacology, medicine and more. To excel in chemistry, researchers must be able to evaluate, analyze and build on the information they find.

Get results that drive projects forward

Over 70% of searches recorded in Reaxys deliver actionable results: experimental procedures, reagent sourcing information, exportable property and reaction data, and more. It also supports good research practices: email alerts, saved searches and more.



- Full-text view
- Data download
- Experimental procedures
- Email alerts
- Reagent sourcing
- Saved searches

How well does your educational program incorporate these skills?



Determine what information is needed



Incorporate information into your knowledge base



Efficiently access that information



Use information effectively to reach your goal



Critically evaluate information and its sources



Access and use information ethically and legally

Building chemistry information literacy

Through its intuitive interface, Reaxys delivers the chemistry-relevant content from full-text publications ensuring that information more discoverable and research is more efficient.

The screenshot shows the Reaxys search interface. At the top, there are tabs for 'Quick search', 'Query builder' (marked as 'New'), 'Results', 'Synthesis planner', and 'History'. The search bar contains the text 'Search for pharmacokinetics of imatinib'. Below the search bar, a dropdown menu shows 'Search Reaxys' and 'pharmacokinetics of imatinib' with a 'New' tag. A list of chemical names is displayed: 'imatinib', 'imatinib mesilate', and 'imatinib mesylate'. Below this, a table of results is shown with columns for 'Targets', 'Substances', and 'Documents'. The 'Targets' section shows 5 results, 'Substances' shows 6 results, and 'Documents' shows 1,649 results. Each result entry includes a 'Structure' icon, a 'Bioassay Category' dropdown, and a 'View Results' button.

Build proficiency by doing

Reaxys Quick Search and Query Builder accommodate any expertise level, so any student can become proficient at retrieving relevant chemistry information.

Enhance your research planning and experiment design

Reaxys answers queries with highly granular excerpted facts and procedures linked to relevant supporting information in Reaxys and other databases. This supports data-driven decisions about project scope, methodologies and robust experiment design.

The screenshot displays the Reaxys search results interface. At the top, it shows '6 Substances' and '106 Reactions'. Below this, there are filters for 'Limit To', 'Exclude', and 'Export'. A list of search results is shown, including 'Prediction of Tumor-to-Plasma Ratios of Basic Compounds in Subcutaneous Xenograft Mouse Models' and 'Co-delivery of doxorubicin and imatinib by pH sensitive cleavable PEGylated nanoliposomes with folate-mediated targeting to overcome multidrug resistance'. The detailed view on the right shows a chemical reaction between two reactants, with a yield of 91% and conditions: 'Stage #1: N-(3-bromo-4-methylphenyl)-4-((4-methylpiperazin-1-yl)-methyl)benzamide; 4-pyridin-3-ylpyrimidin-2-ylamine In ethanol at 60°C; for 3h; Inert atmosphere; Stage #2: With sodium hydroxide In water pH=8.7; Reagent/catalyst; Experimental Procedure'. The reaction ID is 29521413.

What Reaxys users say

- **92%** of users agreed that Reaxys makes research activities more successful
- **94%** of users agreed that Reaxys saves them time
- **95%** of education-focused users agreed that Reaxys gives students hands-on experience with a tool they will encounter in the workplace
- **85%** of users agreed that Reaxys supports their daily research workflow

“With Reaxys I can be sure that I’ve found any older literature related to the topic and any relevant patents.”

—Postgraduate, Massachusetts Institute of Technology, USA

“Reaxys helps me search for special reaction conditions and select the most promising ones for successful experiments.”

—Senior researcher, Syngenta, Switzerland

Reaxys®

Designed in consultation with chemistry researchers, Reaxys helps academic institutions maximize the impact of their research, enhancing teaching and improving learning outcomes for the next generation of chemists.

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