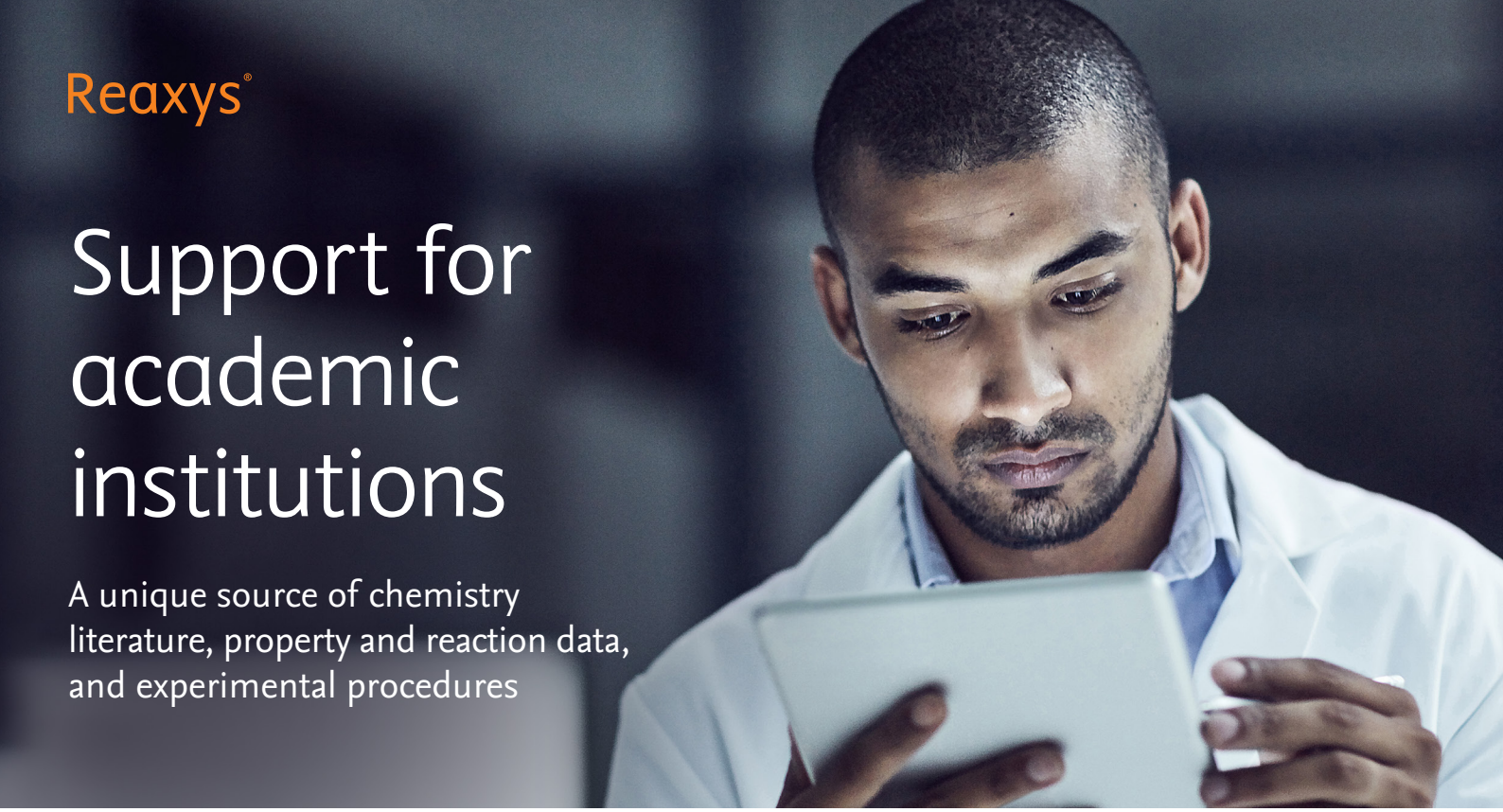
Reaxys®



Support for academic institutions

A unique source of chemistry literature, property and reaction data, and experimental procedures

Connect the chemistry dots across disciplines

Chemistry research and teaching requires interdisciplinary knowledge. How can you get a chemistry-related overview of a diverse publication landscape to find the right answers?

Our answer

Reaxys deeply indexes literature from various scientific domains to highlight chemistry concepts and facts, and further enhances records with index terms from authoritative information systems covering engineering, biomedicine, geology and more.

- Use terms from chemistry, biology, engineering and other disciplines to search all integrated literature
- Examine patent claims and potential white space to exploit research outcomes
- Assess substance properties in a broad range of research areas and teaching topics

Find empirical data to answer questions

Research planning and troubleshooting are built on measured parameters and successful experiment designs. How do you find and use chemistry facts efficiently, and teach students to do the same?

Our answer

A targeted question deserves a targeted answer, not a list of references. Reaxys collates excerpted property values, experimental procedures, reaction details and other facts. More importantly, it makes them easy to find.

- Compare measured property values and trace each data point back to its source
- Design novel and optimal synthesis routes based on specific parameters
- Quickly determine experimental and analytical relevance of a publication

Ensure data are used now and in the future

Rapidly evolving technologies produce more and more data in proprietary formats. Preparing them for comparison and analysis is time-consuming. How do you maximize new insights gained from chemical facts?

Our answer

Reaxys design supports a universal and unified chemistry data model, which enables storing any type of chemistry data, integrating content across databases, sharing insights with collaborators, and making data usable today and in the future.

- Discover relevant chemistry data regardless of format used for reporting
- Boost research services with outcomes in universally accessible outcomes
- Prepare students using a tool designed with a view towards what's next in chemistry

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For more information, visit elsevier.com/reaxys.