

## Reaxys®

# Reaxys in practice

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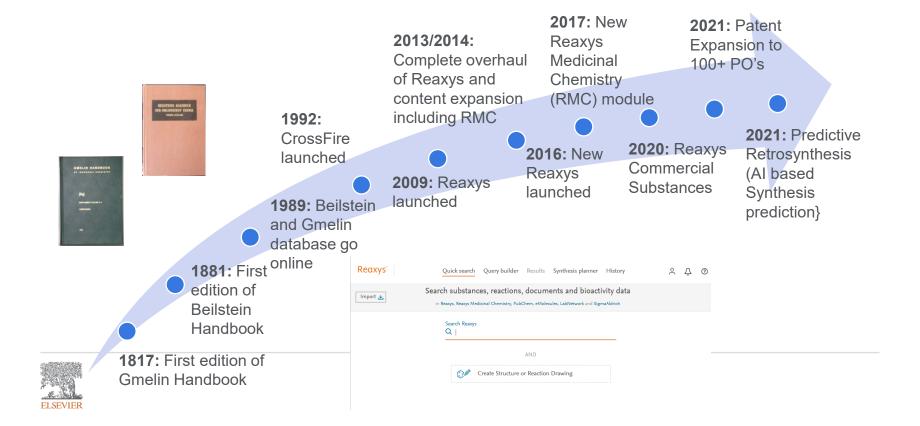
**Customer Consultant** 

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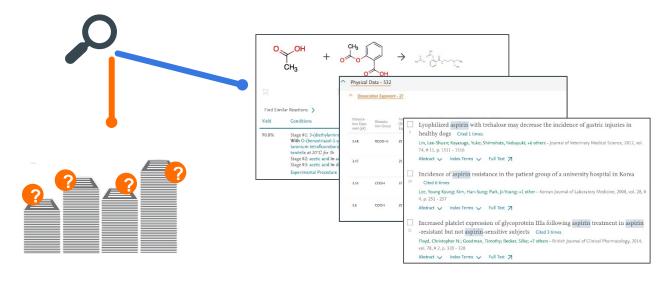
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### **Reaxys Content development**



# The core of our philosophy: Reaxys aims to deliver immediate access to information



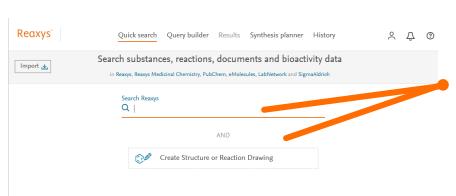
Instead of **delivering lists of references** that may be relevant to a
query...

## ... Reaxys strives to deliver relevant answers on the spot:

- References ranked by relevance
- Reactions with experimental details
- Substances with extensive properties



### Using a clean and streamlined user interface

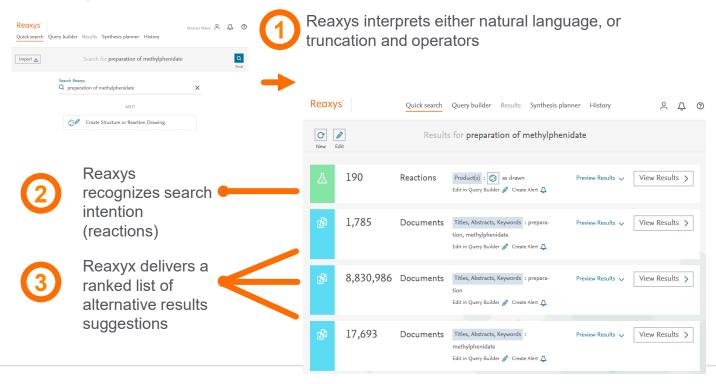


The vast majority of scientists perform text or structure searches and prefer the intuitive, simple and familiar.

So, Reaxys places powerful text and structure searches front and center on a single, easy-to-use interface.

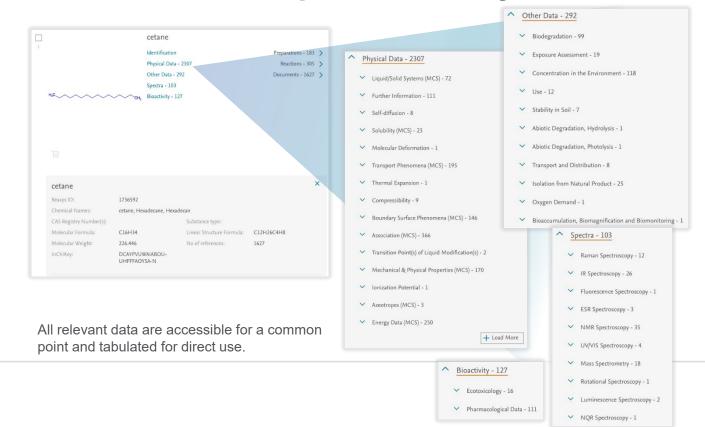


# Retrieving relevant answers and anticipating needs – providing options





# Presenting standardized, normalized and collated data in one record for quick and easy access



## Our Chemistry solution - Reaxys and Reaxys Medicinal Chemistry - comprises 6 core databases

#### Bioactivity Database

>41 million experimental bioactivity data points

## Bibliographic Database

>78 million records (from ~16,000 journal titles plus records from key patent organizations)

#### Substance Database

>170 million substances (total integrated content)

> ~ 105 million substances (unique)

### Reaxys®

#### Chemical Reaction database

>57 million singleand multi-step reactions

## Property Database

> 500 million experimental properties in > 500 fields in > 130 subject areas

## Target Database

> 30.000 targets incl. species information





## **NEW Reaxys Retrosynthesis**

Easy access to optimal synthesis routes

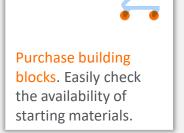


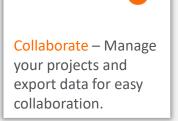
#### New Reaxys Retrosynthesis

We have completely redesigned the Synthesis Planner feature in Reaxys.

All the information you need to select the best route to make compound, in one view







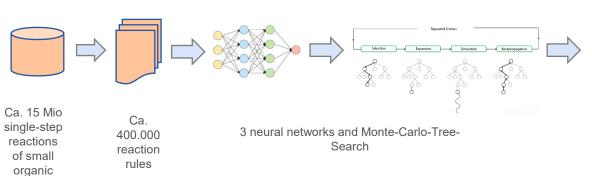


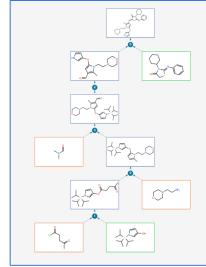


### How it was created: Reaxys Retrosynthesis in a nutshell

Combining Reaxys reaction knowledge base and 3N-MCTS technology to create

outstanding retrosynthesis application

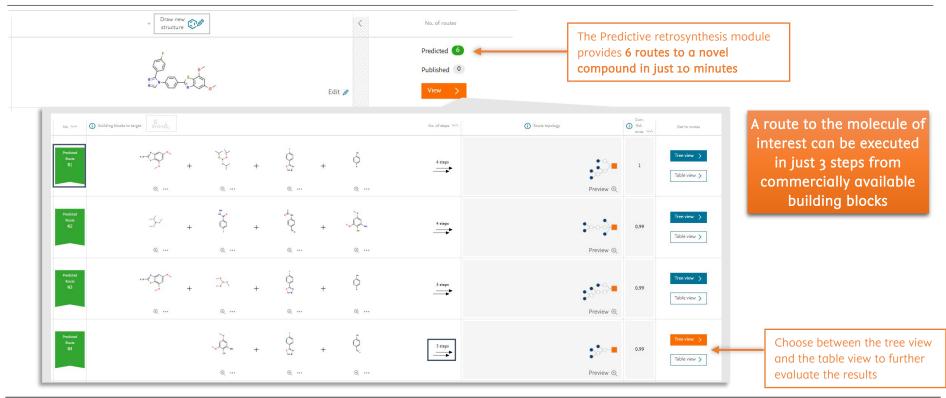






molecules

## Result of Predictive Retrosynthesis







## Reaxys®Advisors



#### Do you want to become Reaxys Advisor?

- Are you chemistry enthusiast and (can become) passionate Reaxys user?
- As Reaxys Advisor you will help scientist to find the shortest path from chemistry question to relevant answer
- As Reaxys Advisors you will enjoy rewards, get into spotlight, and open doors to accelerate your careers!

More information at <a href="https://www.elsevier.com/reaxysadvisors">https://www.elsevier.com/reaxysadvisors</a>



### What Reaxys Advisors have to say?



"Applying for Reaxys Advisor program was one of the best decisions I made. I feel that the program will help me improve my communication and public speaking abilities, while also giving me the chance to receive awesome rewards."

Roxana

"I am really happy that I can learn how to use Reaxys and that with this opportunity I can help my friends too and share my experience with colleagues and fellow researchers. On top of that, there are some amazing rewards which can help a newcomer to build his/her scientific carrier!"







# Thank you

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