

Reaxys Training for New Users Demonstration & Workshop .

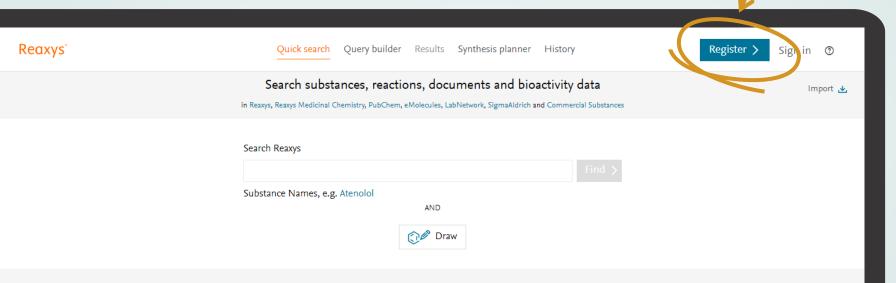
Rungroj Saruengkhanphasit, Ph.D.

Worawat Niwetmarin, Ph.D.

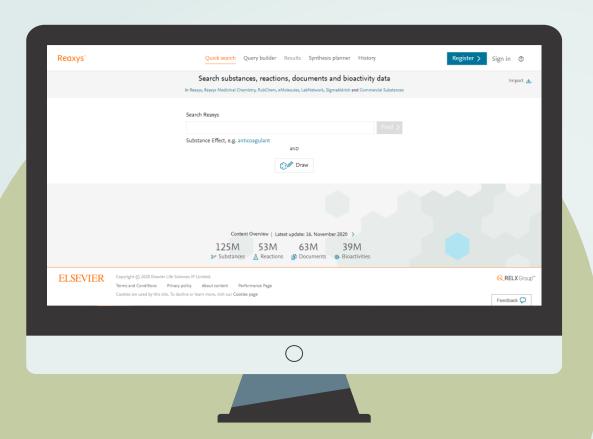
21st December 2021 Chulabhorn Graduate Institute

Have you registered yet?-

Go to reaxys.com



What is Reaxys?



Reaxys supports:

- Substances

 (including physical and spectral data)
- Reactions
- Documents
- Bioactivity data
 (Available in Reaxys
 Medicinal Chemistry)



Database Overview

Reaxys Content

Reactions: 57 329 603 Substances: 35 675 069 Documents: 86 941 143

LabNetwork Content Substances: 1 647 146



Reaxys Medicinal **Chemistry Content**

Bioactivities: 41 596 186 Targets: 34 543 **Substances: 7 866 511 Documents: 578 893**

Molecules

Content Substances: 15 900 580

Commercial Substances Content

Substances: 93 403 279 Products: 220 427 545

Content

Substances: 111 050 698



Reaxys Group Generics

Atom Generics

Group Generics

A: Any atom except hydrogen

AH: Any atom

Q: Any atom except carbon or hydrogen

QH: Any atom except carbon

M: Any metal

MH: Any metal or hydrogen

X: Any halogen

XH: Any halogen or hydrogen

G/G*: Any group

GH/GH*: Any group or hydrogen

(* ring closure between group allowed)

Acyclic Groups

ACY: Any acyclic group

ACH: Any acyclic group or hydrogen

Cyclic Groups

CYC: Any cycle

CYH: Any cycle or hydrogen

Find the physical and spectral data

- Ibuprofen
- Manzamine A
- Sildenafil

Finding the appropriate conditions for the following reaction

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Finding the appropriate conditions for the following reaction

$$H_2N$$
 CF_3

Finding the appropriate conditions for the following reaction

Note: the Boc protecting group must be remained intacted

Create the retrosynthetic plans





Use Query Builder to find the biological properties

antiviral

Thank you for your attention

Q&A



