Reaxys
Structure & Reaction Searching

CHEM 23201
Fall 2012

LOGON to your computer
LAUNCH a web browser
Logon to Reaxys

Overview

• Assignment 5
• Presentation
• Reaxys Practice

Assignment 5 - Reaxys

• Due – after fall break
  – Questions 4-6
• Record the Reaction ID with the highest yield
  – No yield data – then pick any reaction

Presentation

• Suggestions
  • Connection to something learned in Gen. Chem. or Org. Chem.
  • Interesting synthesis
  • Spectra if you describe a synthesis/isolation
  • Interesting use (bioremediation, nutrition, industrial, etc.)
    – Explain the chemistry
  • Conformation that effects what it does
  • Avoid the clinical listing of symptoms
    – Explain chemistry for the cause/prevention of the symptom
    – Explain study results

Show study results


Quote

• “95% of all papers are junk. ... What the author considers important in a paper is irrelevant. Read the whole paper and make up your own mind.”
  • John Cornforth, University of Sussex, email communication on Apr. 6, 2005.
Show study results

Presentation

• Peer Evaluation

• After Action Report

Presentation – Sources used

– Don’t rely on just the web or encyclopedias
  • Web & encyclopedias are a good place to start
  • Verify information with articles or patents

– Foreign language journals
  • Do you read the language?
  • Did you get the article via ILL?

– Top tier sources
  • ACS, RSC or other professional society journals
  • Document Type: Review articles

Presentation Tips

• Speak up
  • For the entire sentence
    • Don’t “swallow” your sentence

• Don’t read your presentation

• Look at everyone

• It is ok to be nervous
  • Practice, practice, practice
  • Know your subject
  • Anticipate questions or problems

Presentation – Slides

• Don’t…
  • Speed through a slide
  • Talk about the previous slide
  • Backup then go forward

• Do
  • Make duplicate slides, if needed
  • Know how to select by slide number
    • <slide #> <enter>
  • Hide the screen
    • <b>
Summary

• Assignment #5
• Presentation Tips
• Reaxys practice

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