Solid-Phase Reaction Searching

This module teaches basic strategies for searching the SPORE database. The SPORE database contains structures and data for reactions that use solid-phase methodology. These reactions are selected from over 100 primary chemistry journals from 1963 onward. This module uses the Reaction Browser application.

Course Objectives

The participant will be able to:

- Search for reactions using specialized solid phase reaction data fields
- Search for reactions using molecule or reaction substructures
- Use specialized browsing forms and viewing options to display relevant reaction data
- Cluster reactions on various criteria to organize and refine search results
- Combine, edit, and print search results

Prerequisites

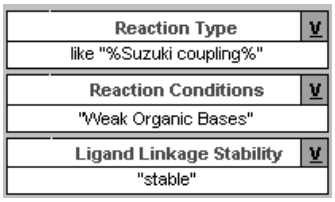
Reaction Searching
Drawing Molecules

Course Length

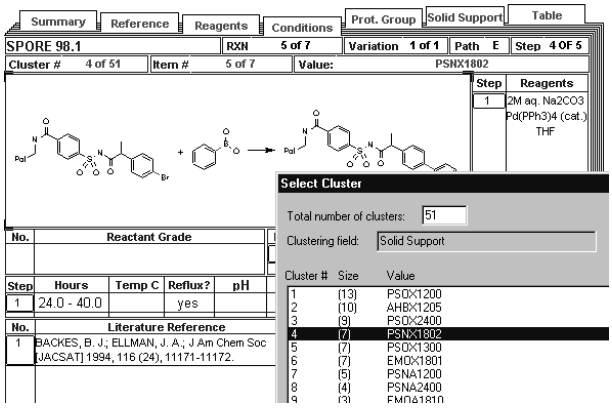
1/2 day

Examples from the Class

Searching for solid supports that could be used for Suzuki-type coupling reactions



Clustering search results by solid support



Viewing details of solid support data