Preparing a lecture on reactions in organic chemistry
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Combine Querylets to generate a list of records for reactions that have been investigated to determine specific parameters.

Search objective
Find kinetic studies of palladium-catalyzed Suzuki reactions.
1. Perform a **Reaction search**.

Reaxys has different search contexts that result in the initial retrieval of different record types. The **Reactions** context is accessed by clicking the corresponding icon and instructs **Reaxys** to search and retrieve reaction records.

Click these icons to select a search context. Based on the selection, **Reaxys** retrieves initially substance, reaction or bibliographic records.

Record types are highly interlinked, so that it is possible, for example, to access relevant bibliographic and substance records from information contained in reaction records.

Click **Add/Remove Fields** to modify the query form and limit the results to reactions used in kinetic studies.
2. Find the **Querylets** required and add them to the query form.

The Querylet **Subject Studied** allows searching for types of studies performed in source documents. Linked to a **Reaction** search, the Querylet instructs **Reaxys** to retrieve reaction records and highlight the associated source documents that meet the entered search criteria.
If ever uncertain about the information that can be retrieved with a given Querylet, add it to the query form and click Lookup to see a list of relevant search terms and phrases.

The term kinetics will limit the hit set to reactions that have been tagged with that particular index term.

The number following each study type is the number of reaction records that include the index term.
3. Enter search criteria in the appropriate **Querylets** of the query form.

**Reaxys** will retrieve only reactions indexed with the part-name **Suzuki**.

**Left and right truncation (**) ensures that any reagent/catalyst represented by a molecular formula or name containing palladium is searched. The semicolon (;) is equivalent to OR.**

Some **Querylets** have text and other numeric entry fields. Text entry fields include a truncation menu that defaults to **is**, whereas numeric entry fields include an operator menu that defaults to **=**. Click the drop-down menu to see other options.
4. **Reaxys** retrieves reaction records that include information from kinetic studies.

For each reaction record, **Reaxys** highlights the information that matches the search criteria (hit terms appear in blue).

With a few clicks, see more information about the source citation, access the full text, view citing articles and more.
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