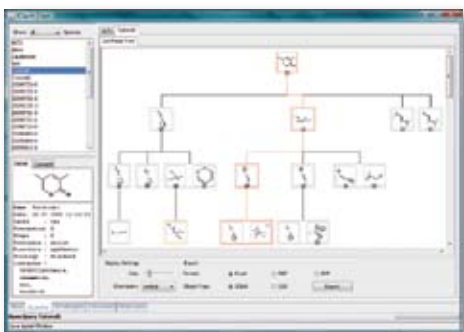
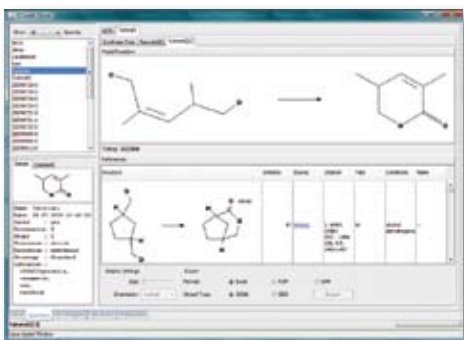




## Synthesis Tree and Reaction Window



The calculated synthesis trees are shown in a separate tab sheet. The user can choose the size of the tree and magnify each shown molecule thanks to the mouse-over zoom function. Commercially available substances are labeled with a small green box and will not be further evaluated in the synthesis tree. Paths can be selected and exported in various formats. Sub-trees can be expanded and hidden, in order to have always an overview of the analyzed paths. In addition calculated trees can be stored on the server and investigated in a later session.



Clicking on any of the molecules in the tree a separate reaction window appears, which shows on the top the suggested, hypothetical reaction to the target and in the following real, published reactions containing the details and the links to the original literature.

## Transform Libraries

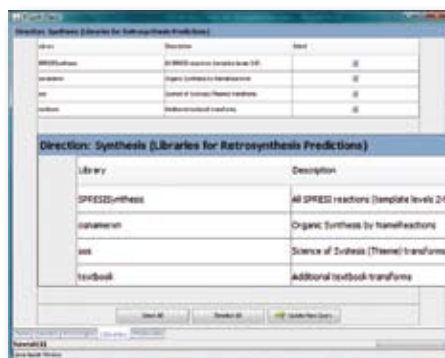
Standard transform libraries available at the moment have been generated from the following reaction databases:

- SPRESI synthesis
- OSName Reactions
- Textbook

The latter contains transforms generated for some fundamental, generic synthesis methods.

With additional licenses IC<sub>SYNTH</sub> also supports transform databases created from:

- Science of Synthesis (Thieme)
- ChemInform (FIZ Chemie)



## System Requirements

Supported browsers:

- Internet Explorer 5.5 or higher
- Firefox (Windows, Mac OS X, Linux)
- Opera
- Safari (Mac OS X)

Software:

- Java 5 (JavaScript enabled)