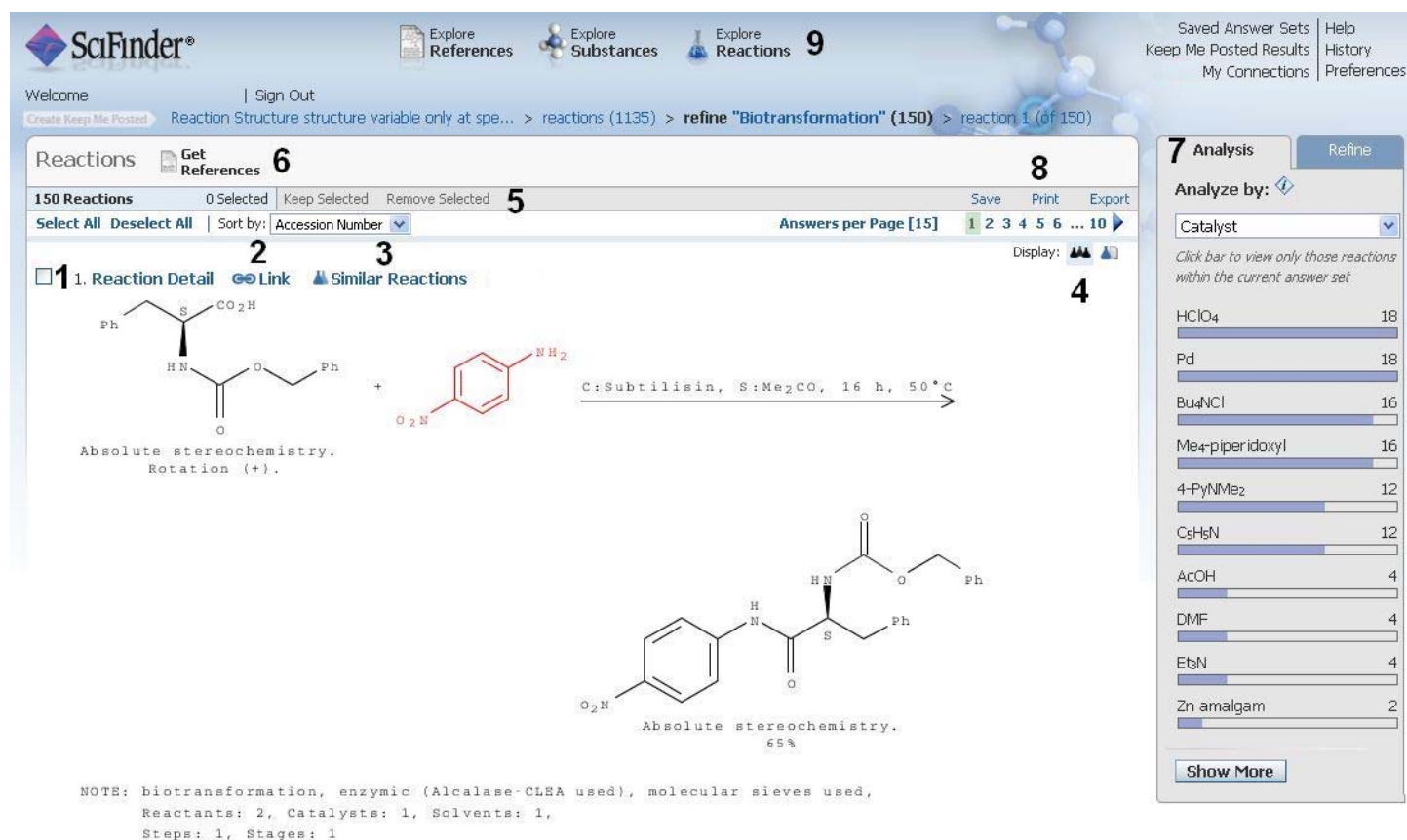


# HOW TO

Work with Reactions



SciFinder® offers many tools that allow you to explore, evaluate, and review your reaction answer sets. The following screen highlights those tools.



1. Reaction Detail

Reaction conditions: C:Subtilisin, S:Me<sub>2</sub>CO, 16 h, 50 °C

Yield: 65%

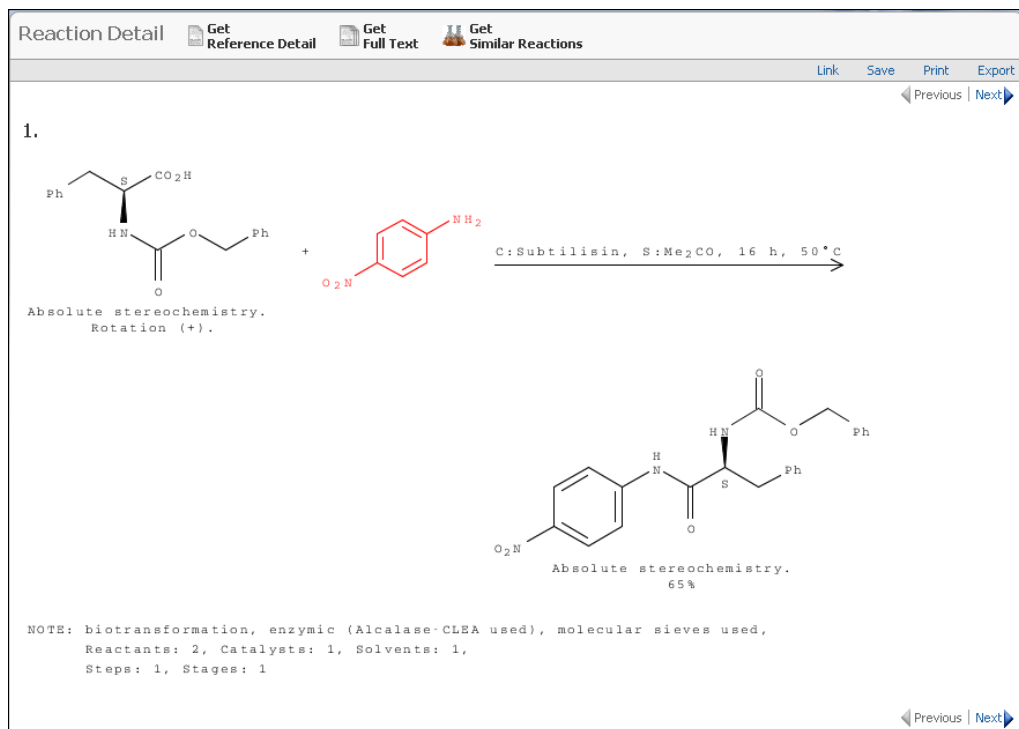
NOTE: biotransformation, enzymic (Alcalase-CLEA used), molecular sieves used, Reactants: 2, Catalysts: 1, Solvents: 1, Steps: 1, Stages: 1

Catalyst	Count
HClO <sub>4</sub>	18
Pd	18
Bu <sub>4</sub> NCl	16
Me <sub>4</sub> piperidoxyl	16
4-PyNMe <sub>2</sub>	12
C <sub>5</sub> H <sub>5</sub> N	12
AcOH	4
DMF	4
Et <sub>3</sub> N	4
Zn amalgam	2

1 Chemo-enzymatic synthesis of a c-terminal aryl amide of an amino acid or peptide

1. Get related information for an individual reaction.

Click...	When you want to...
1. Reaction Detail	View detailed information about the reaction
Reference title link	Display the details for the reference from which the reaction was indexed (for example, <i>Chemo-enzymatic synthesis of a c-terminal aryl amide of an amino acid or peptide</i> , above)



Click...	When you want to...
<b>Get Reference Detail</b>	Retrieve references associated with the reaction.
<b>Get Full Text</b>	Access the full-text or view full-text options for the reference.
<b>Get Similar Reactions</b>	Retrieve reactions similar to this one. For more information, see Step 2.
◀ Previous   Next ▶	Go to the Reference Detail page for the next or previous reaction in the current answer set.


2. Create a link to this reaction, e-mail it to a colleague, or get other reactions similar to it.

Click...	When you want to...
<b>Link</b>	Copy and paste a link to this reaction.
<b>Similar Reactions</b>	Retrieve reactions more or less similar to the current reaction. The degree of similarity is based on "reaction centers" and related structural characteristics, which you can specify on a subsequent dialog box. <b>Note:</b> Only single-step reactions are eligible for similar reaction searching.

3. Display only one reaction per reference.

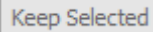
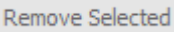
Click...	When you want to...
<b>Answers per Page [15]</b>	Change the number of reaction answers displayed per page
Display:	View either all reactions or only one reaction for each reference

4. Keep reactions in or remove reactions from your answer set, or sort reactions.

Reactions  **Get References**

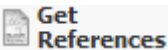
150 Reactions    0 Selected    Keep Selected    Remove Selected

Select All   Deselect All   |   Sort by: Accession Number ▼

Click...	When you want to...
	Retain only selected reactions. All others will be removed from the answer set.
	Eliminate the selected reactions from the answer set. Only unselected reactions will remain in the answer set.
Sort by: Accession Number ▼	Sort reactions by one of these criteria: <ul style="list-style-type: none"> <li>• Accession Number (default)</li> <li>• Number of Steps</li> <li>• Percent Yield</li> <li>• Publication Year</li> <li>• Similarity – available only if answer set is result of a "Similar Reactions" search</li> </ul>

**Tip:** Use **Select All** and **Deselect All** to help you quickly select or deselect many reactions at once.

5. Get references for the reactions in your answer set.

Click...	When you want to...
	Retrieve references for selected reaction(s)




**Tip:** To retrieve references for only a subset of the answers, select the reactions of interest before clicking **Get References**. If no reactions are selected, the entire answer set will be included.


6. Analyze or refine your answer set.

- Use the drop-down menu and bars on the **Analysis** tab to view various subsets of your answer set.
- Use the **Refine** tab to narrow your answer set using any of the listed attributes.

7. Save, print, or export your answer set.


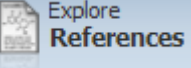
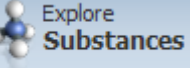
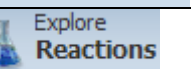
Save    Print    Export

Click...	When you want to...
	Save your answer set to the SciFinder server
	Print your answer set
	Save your answer set to a local or shared file location

**Tip:** To save, print, or export only a subset of the answers, select  the reactions of interest before clicking one of the above three options. If no reactions are selected, the entire answer set will be included.

8. Begin a new task.



Click...	When you want to...
	Go to your default SciFinder start page, as set in your preferences
	Go to the Explore References page, where you can begin a new search or retrieve a saved answer set
	Go to the Explore Substances page, where you can begin a new search or retrieve a saved answer set
	Go the Explore Reactions page, where you can begin a new search or retrieve a saved answer set

**Note:** Clicking any of the above four options will start a new task. The breadcrumb trail from your previous task remains available until your next search has been conducted. If you decide to return to the previous task, click the desired step in the breadcrumb trail.