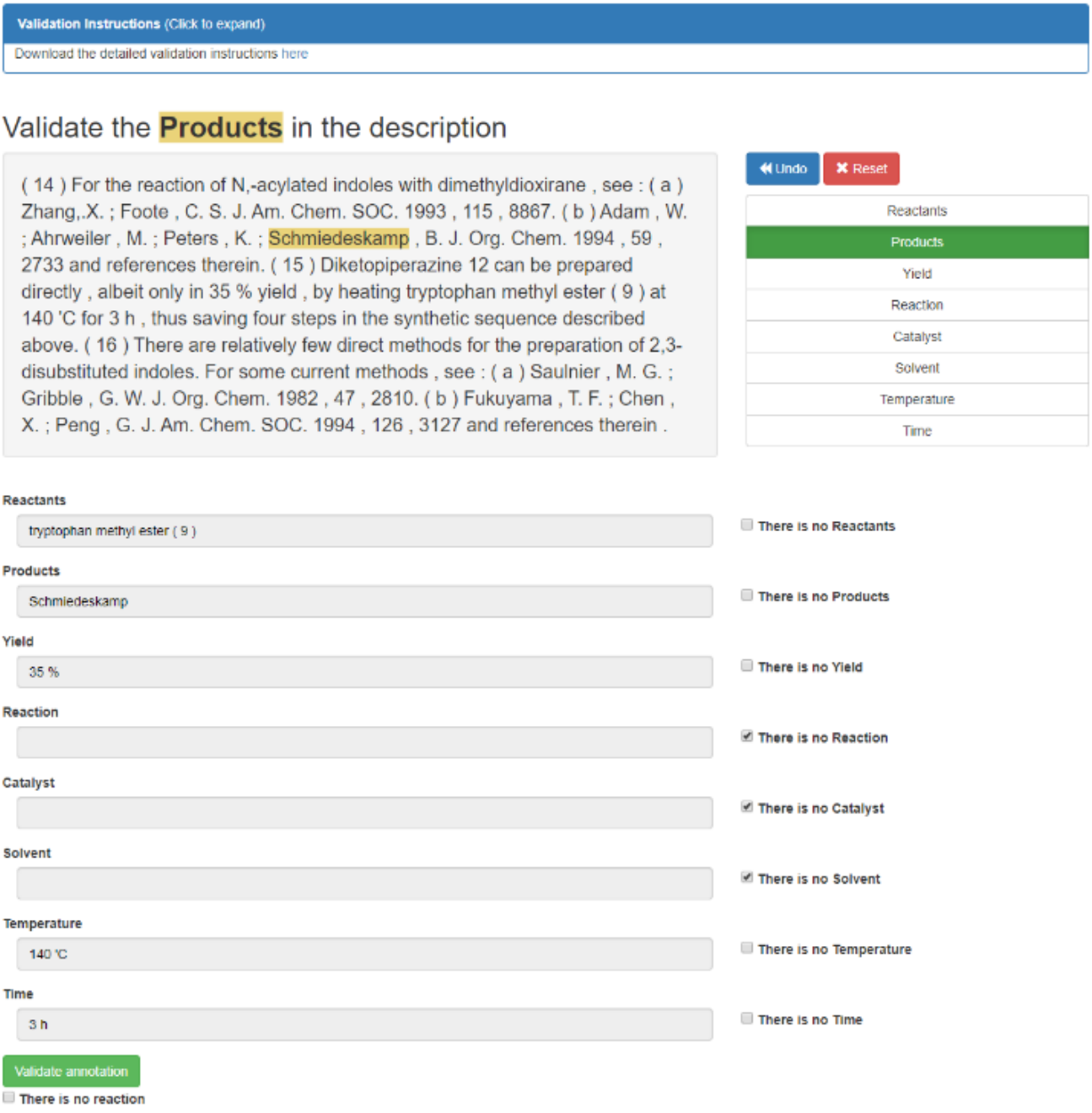
Annotation validation guide

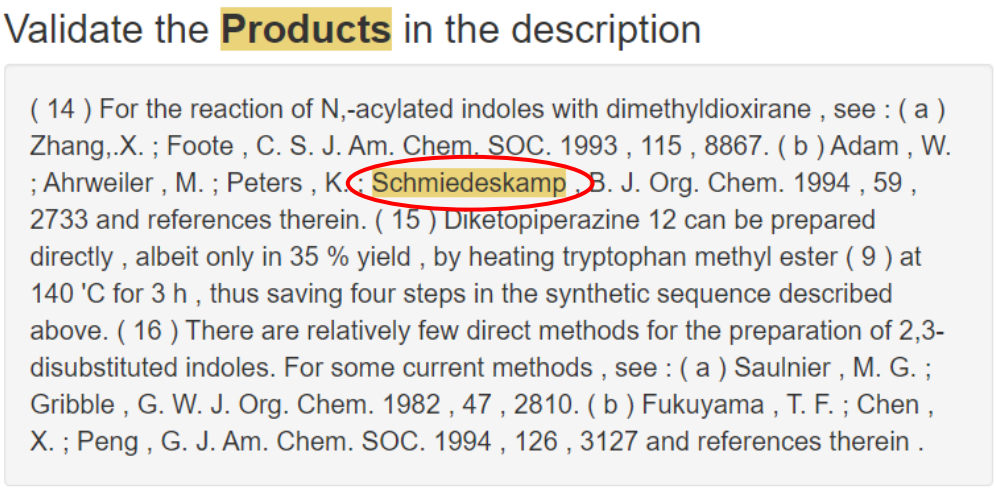
A. INTRODUCTION

The goal of this tool is the fine-tuning and validation of the annotations produced by the chemical literature annotation tool.



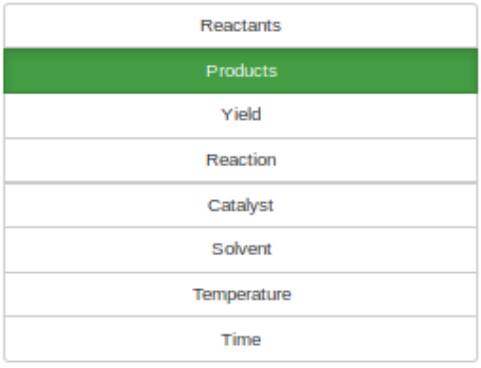
B. VALIDATION PROCESS

1. The text paragraph to be validated will be shown in the text window on the left side of the screen.
    - The paragraph shown may include from none to multiple chemical reactions.
    - The validation tool will automatically go through each and every reaction annotated in the paragraph, one at a time.
    - The annotated entities are automatically highlighted in order to facilitate the validation.

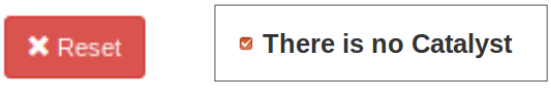


FOR EACH PARAGRAPH REPEAT SETPS 2 – 6 BELOW:

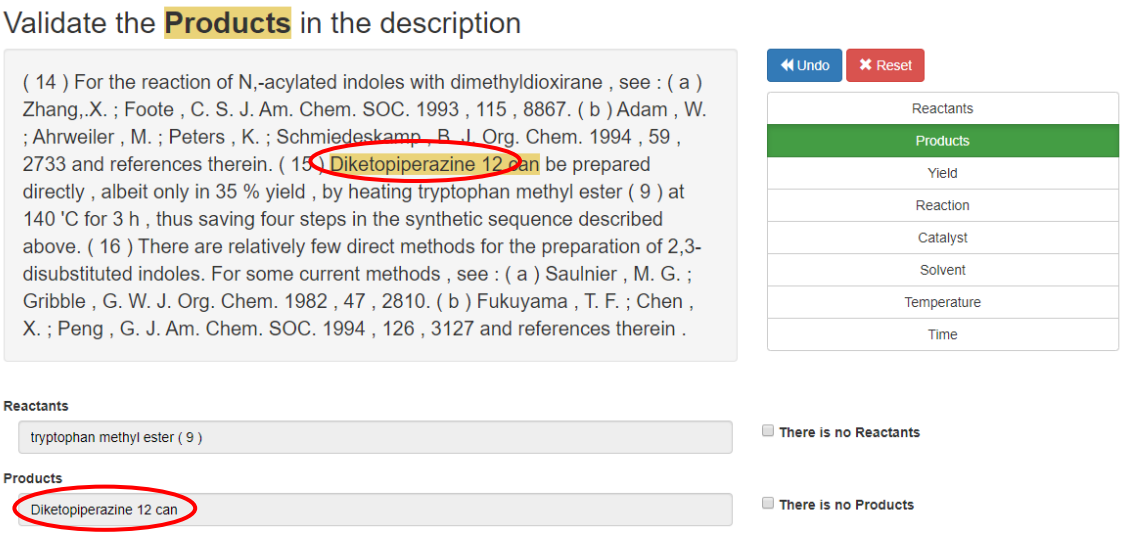
2. If a change is required, select (highlight in green) in the window on the right the entity class to be modified.



3. Proceed as per one of the following three options depending on the required type of mofication:
    1. If there should be no annotation at all, reset it by clicking the reset button and check the “There is no XXX” box next to the entity class:

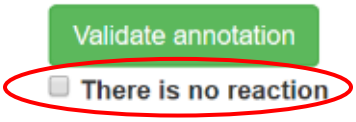


2. If the entity class contains no annotation but one or more entities should be included, add them by selecting the relevant word(s) or span(s) in the paragraph.

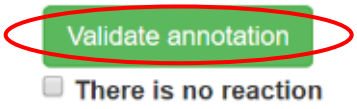


3. If the entity class contains an incorrect annotation that should be substituted, reset the field and annotate the entity class as described above.

4. In case that, after the review, no entity should be annotated, the **'There is no reaction'** box must be checked in order to proceed to the next annotation.



5. Once the current reaction has been validated annotated click on **'Validate annotation'** in order to review the next annotation.



D. CORRECTIONS

The **'Undo'** and **'Reset'** buttons allow to make corrections during the validation process:

- Undo: Undoes the last action
- Reset: Clears the active entity field