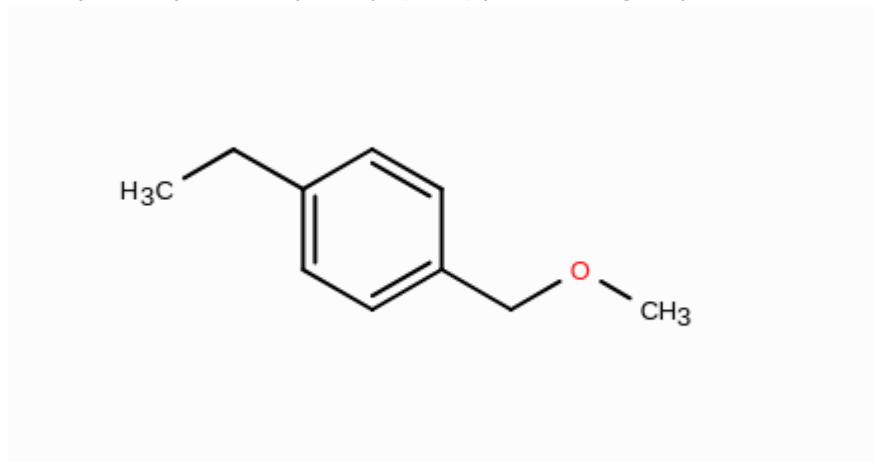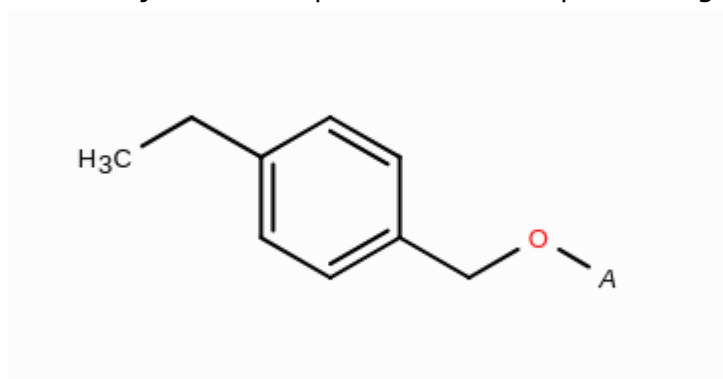# How to generate a SMILES for an abbreviation using Ketcher?
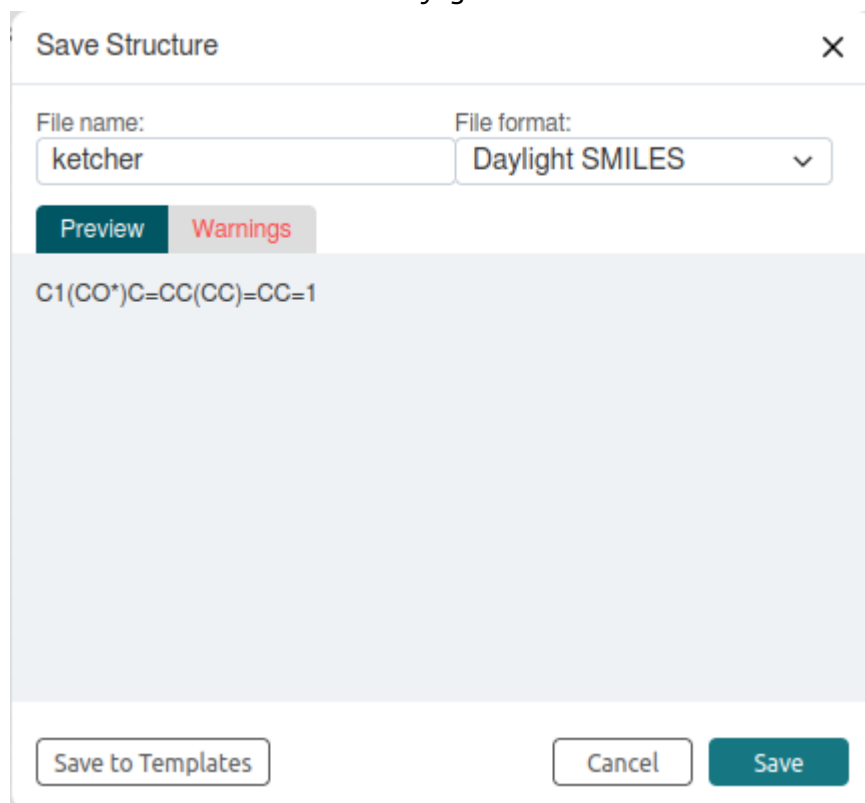
- Draw the substructure/protective group you want to abbreviate as a normal structure in Ketcher; for example the p-Methoxybenzyl (PMB) protective group:

- Add an 'any atom'at the position where the protective group will be connected to the main structure:

- Click on "Save as..." → select "Daylight SMILES" in "File format":

Save Structure   ✕

File name: File format:

ketcher   Daylight SMILES   ⌄

Preview   Warnings

C1(CO*)C=CC(CC)=CC=1

Save to Templates   Cancel   **Save**

- Select and copy the SMILES via "Ctrl + C" or right mouse button → "Copy",
  so it can be pasted via "Ctrl + V" or right mouse button → "Paste":
  C1(CO*)C=CC(CC)=CC=1
- The SMILES can then be added to the abbreviations list, together with its abbreviation:
  PMB C1(CO*)C=CC(CC)=CC=1