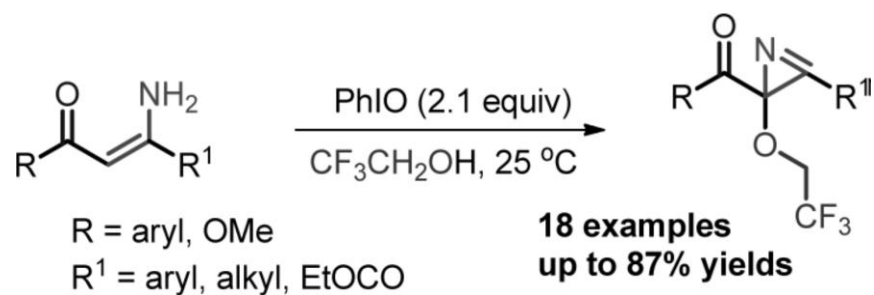


1. Please provide a plausible mechanism for the following transformation:



2. Please provide a plausible mechanism for the following transformation. In your cycle please explain where the side products may be formed.

