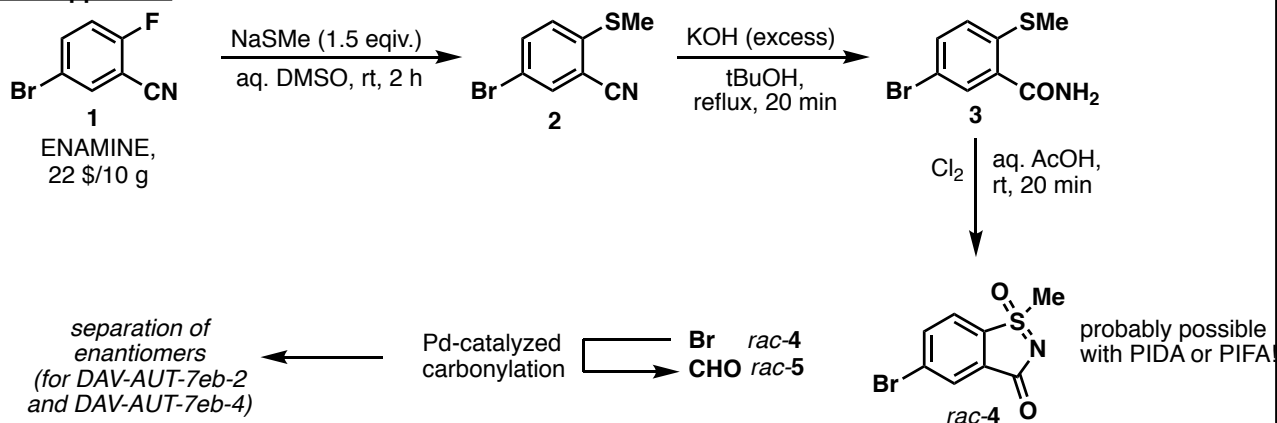
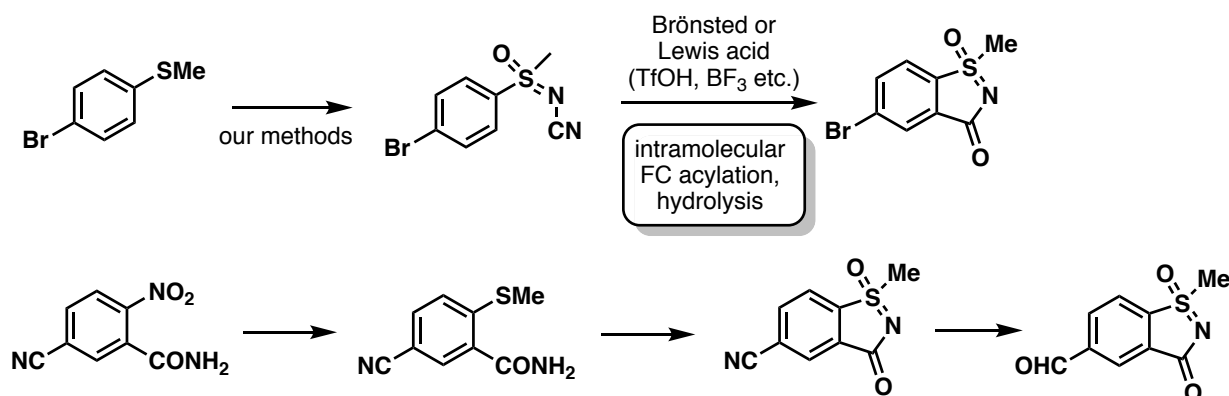


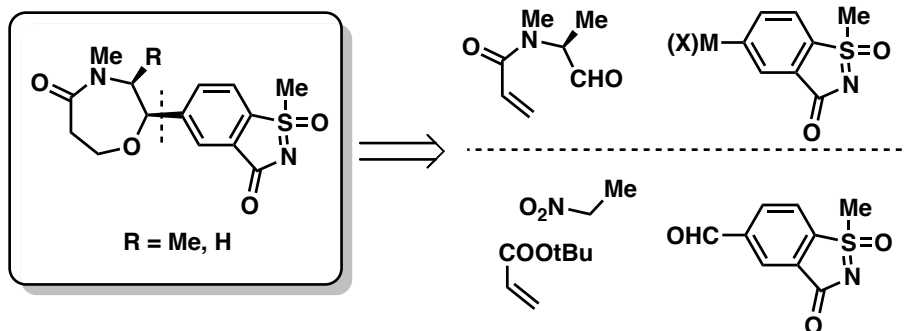
Safer approach:



step 1: J. Med. Chem. **2016**, *59*, 7, 2989-3002; **step 2:** J. Org. Chem. **1976**, *41*, 23, 3769-3770; **step 3:** Russ. Chem. Bull. **2002**, *51*, 1549-1555. **step 4:** various protocols available

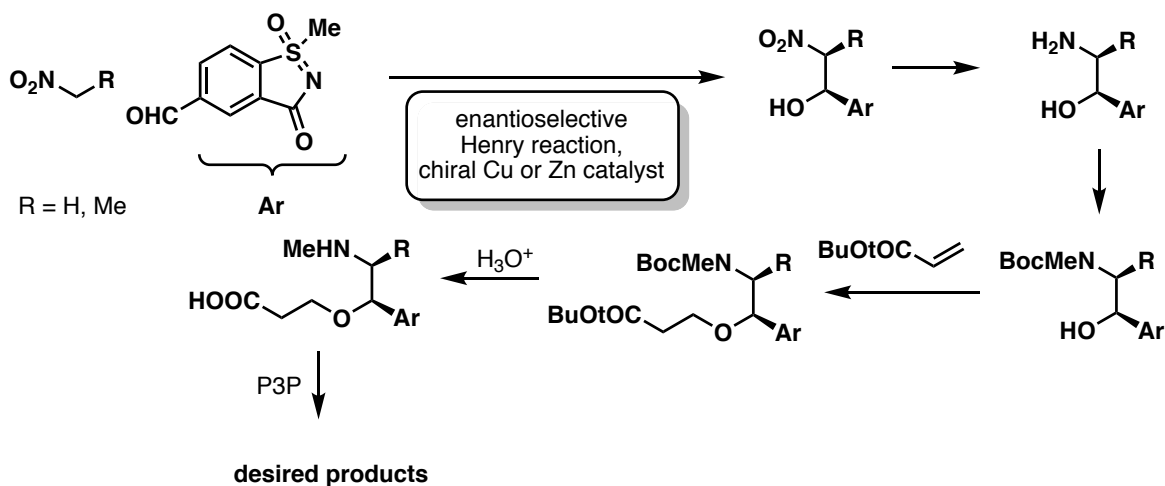
Risky approaches:





7-membered ring:

conventional, stereocontrolled, steppy:



step 1: various protocols available; steps 2 - 5: ACS Comb. Sci. 2016, 18, 9, 569-574.

risky, chiral pool, shorter:

