

Green Synthesis and Invention of New Reactions

Maleczka Group
Department of Chemistry

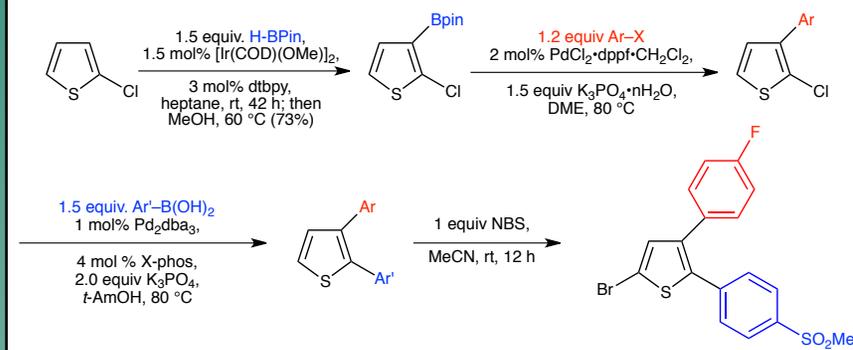
MICHIGAN STATE
UNIVERSITY

Our group looks to design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances. In doing, so we work very closely with industry to be sure the new reactions we invent and develop are relevant to the pharmaceutical, agrochemical, and allied fields.

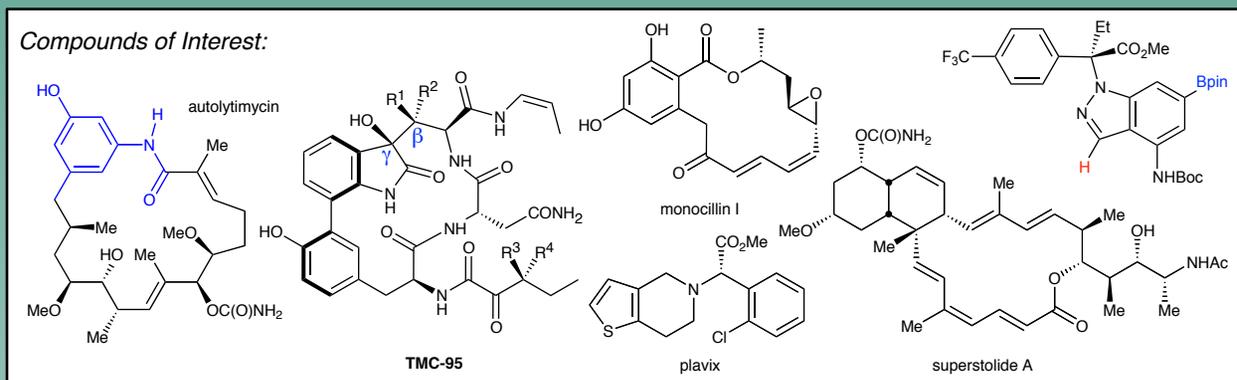
REU students who join the Maleczka group will:

- Work with organic & inorganic chemists
- Design, set up, and run chemical reactions
- Learn separation and purification techniques
- Learn spectroscopic methods of compound characterization
- Participate in group meetings

Our synthesis of the COX-2 inhibitor DuP-967:



Compounds of Interest:



Go Green!



Winner
Presidential
Green
Chemistry
Challenge