

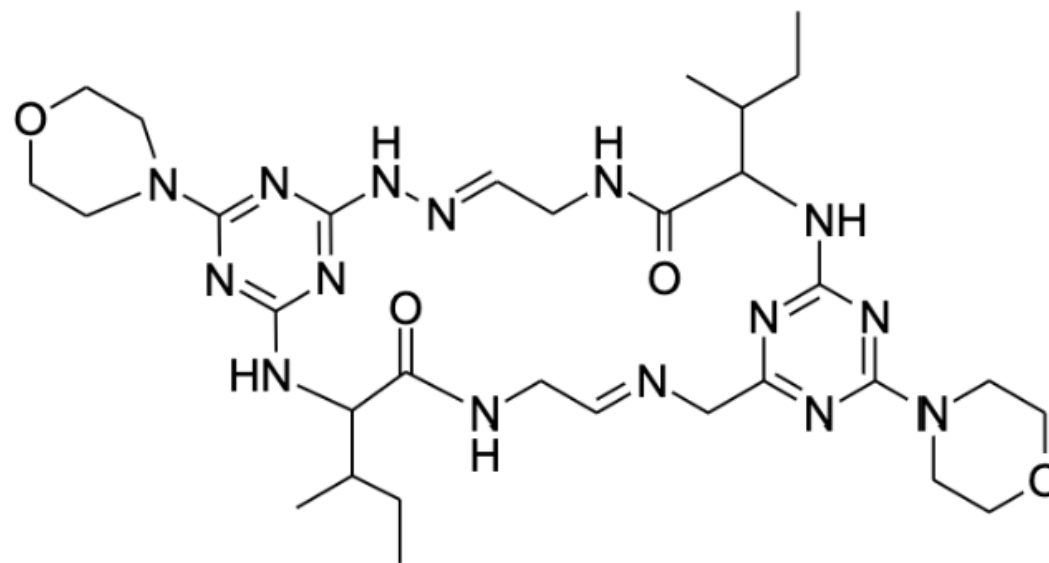
CAMRYN GLOOR  
DR. ERIC SIMANEK

# SYNTHESIS OF ISOLEUCINE BASED MACROCYCLES

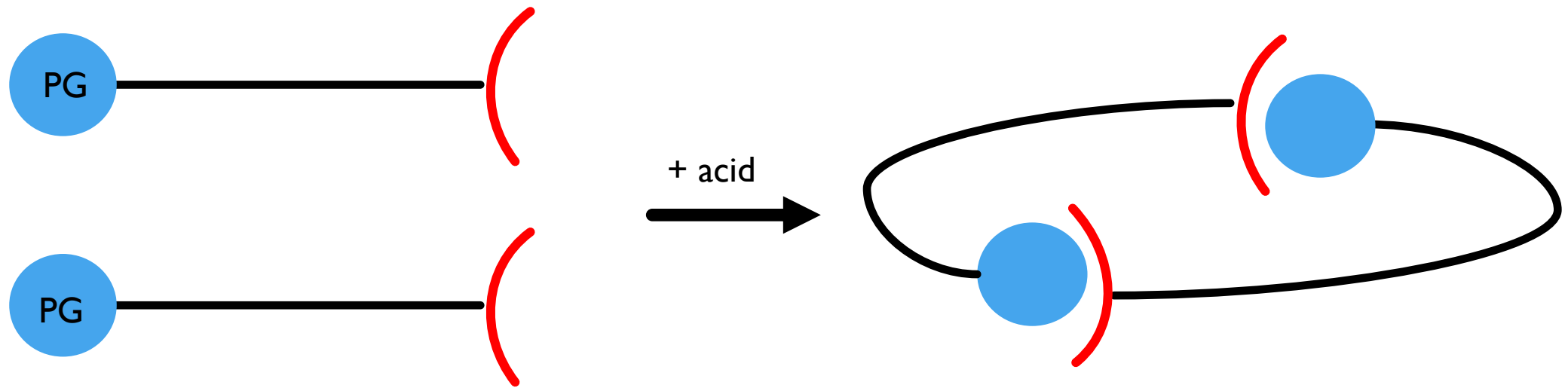
## THE “BIG” IDEA

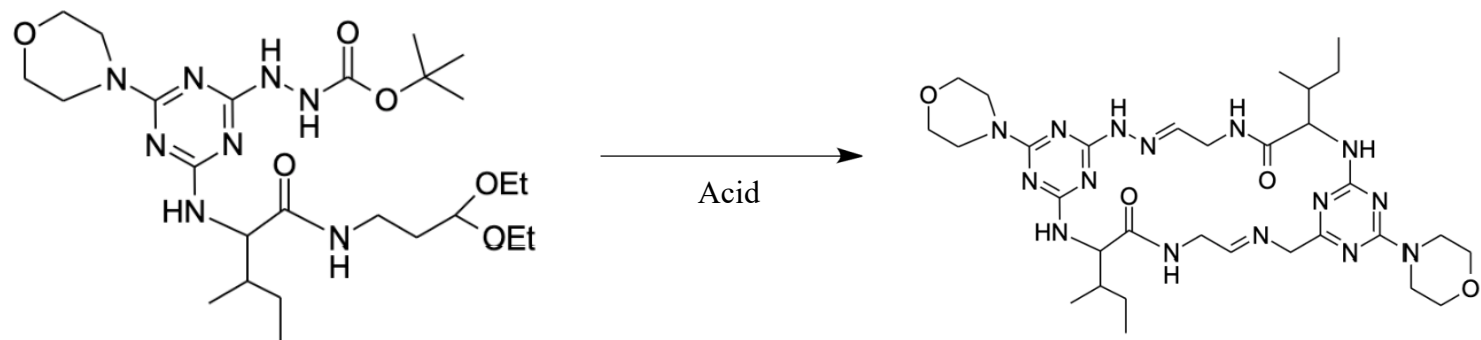
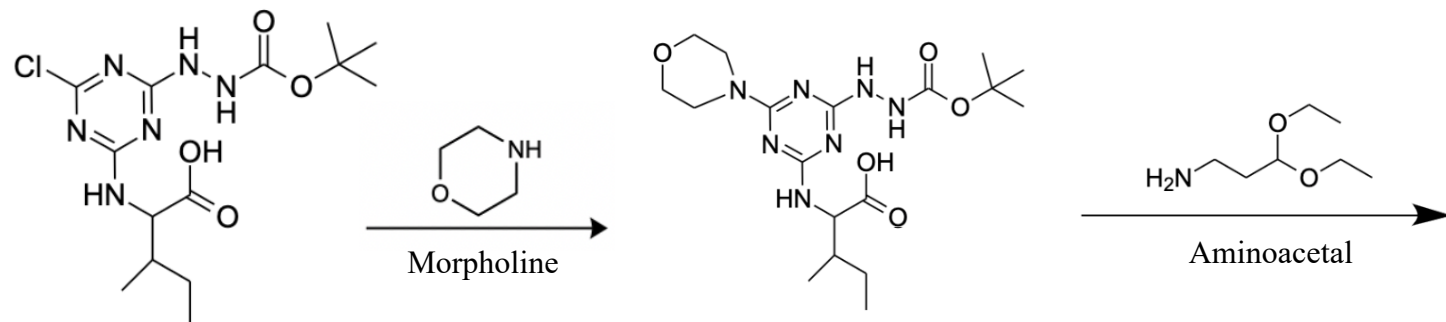
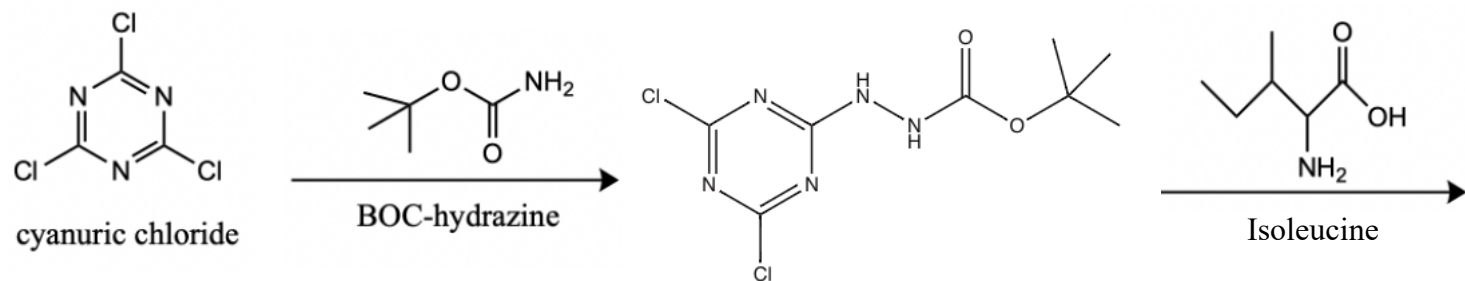
Finding efficient ways to make macrocycles (big rings)

- Reduce side products
- All performed in solution
- Less steps for purification



## HOW IT WORKS: SIMPLIFIED





# HOW IT WORKS

## FUTURE WORK

- reduce side products
- various amidation options
- increase purity and efficiency



THANK YOU!