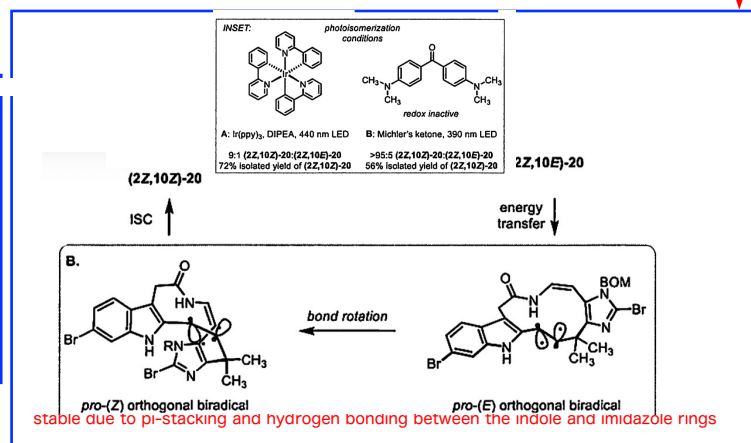
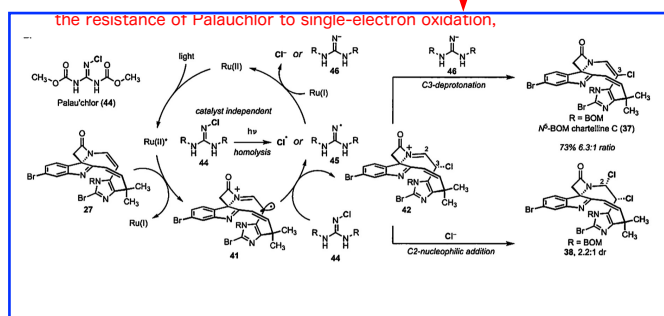
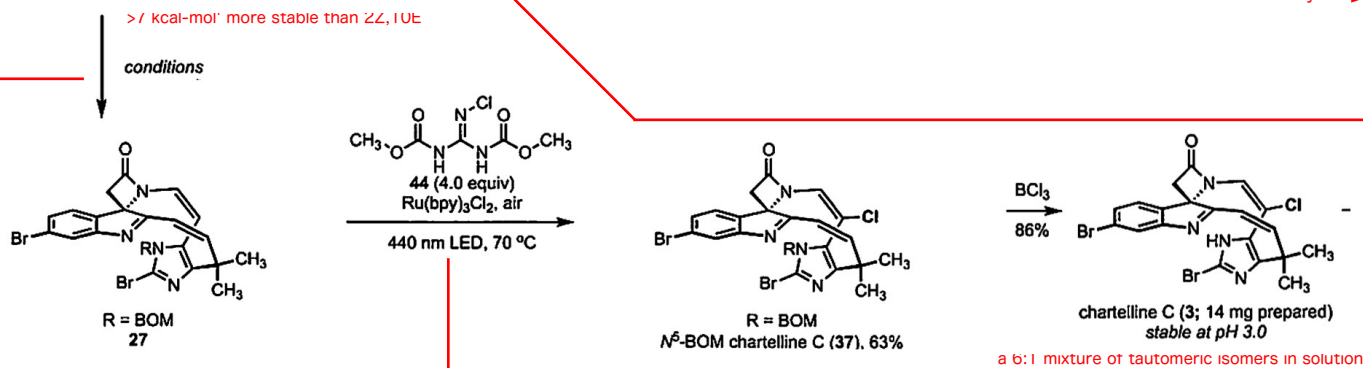
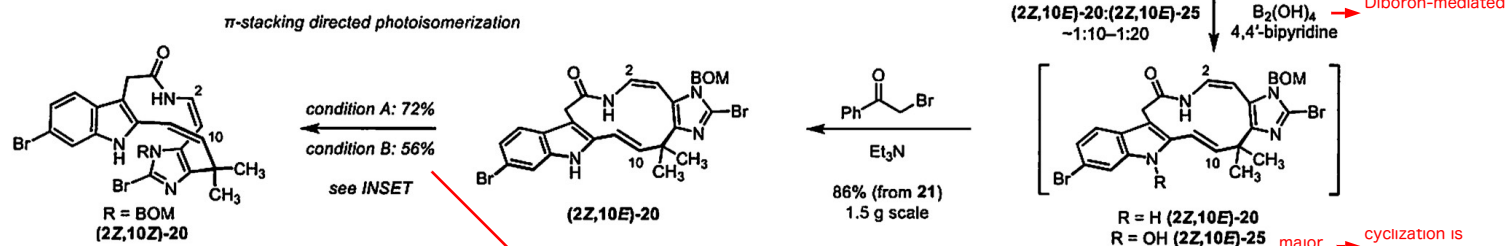
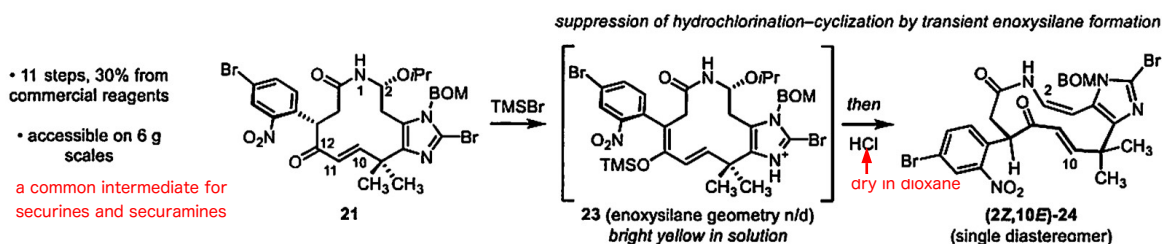
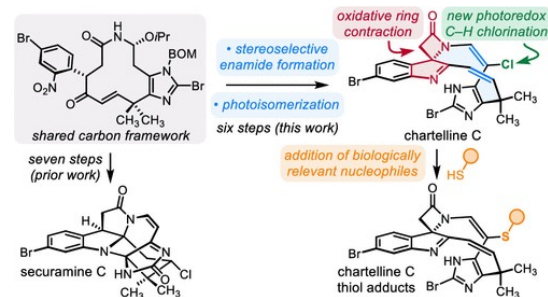


# Total Synthesis of Chartelline C

Noah M. Bartfield, Brandon W. Alexander, and Seth B. Herzon\*  
J. Am. Chem. Soc. 2025, 147, 24921-24931

imidazole and indolenine rings occupy a nearly parallel orientation, suggestive of a  $\pi$ -stacking interaction.

6 steps and 21% yield from the macrolactam 21



## Scheme 3. Analysis and Optimization of the $\beta$ -Lactam Formation Step

