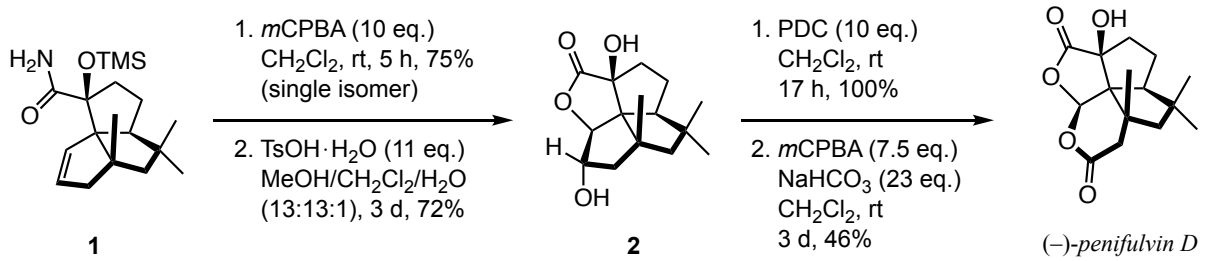
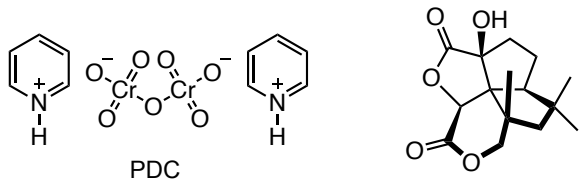
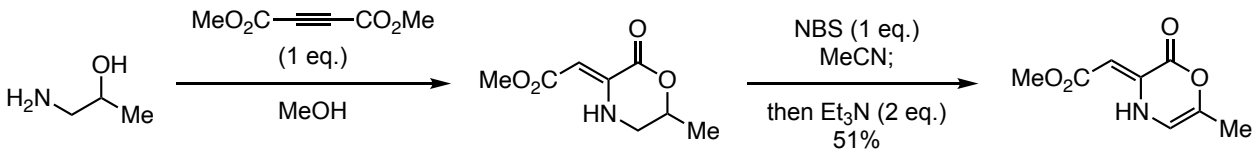
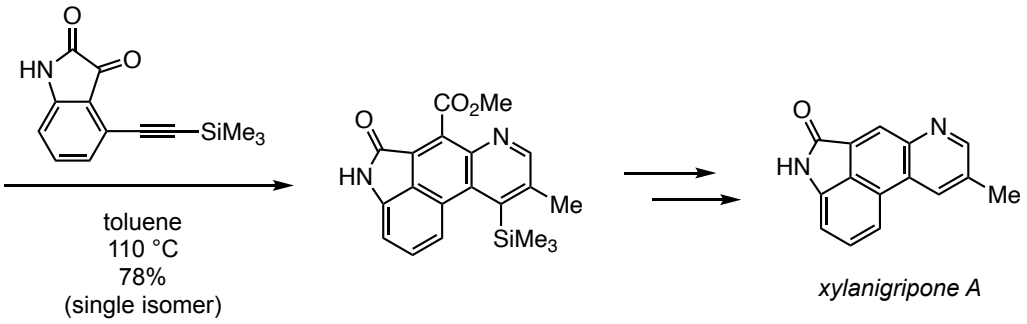
Propose reasonable arrow-pushing mechanisms.

20250118