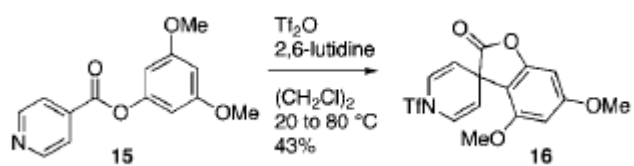Provide mechanisms for the following.

1)

2)