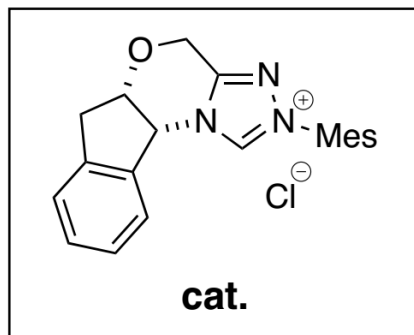
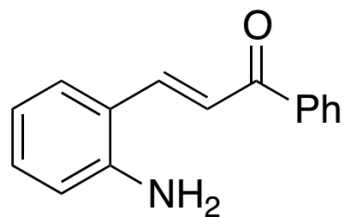


(1.5 eq.)

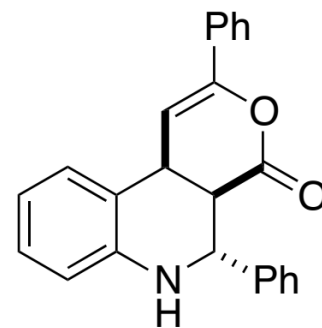
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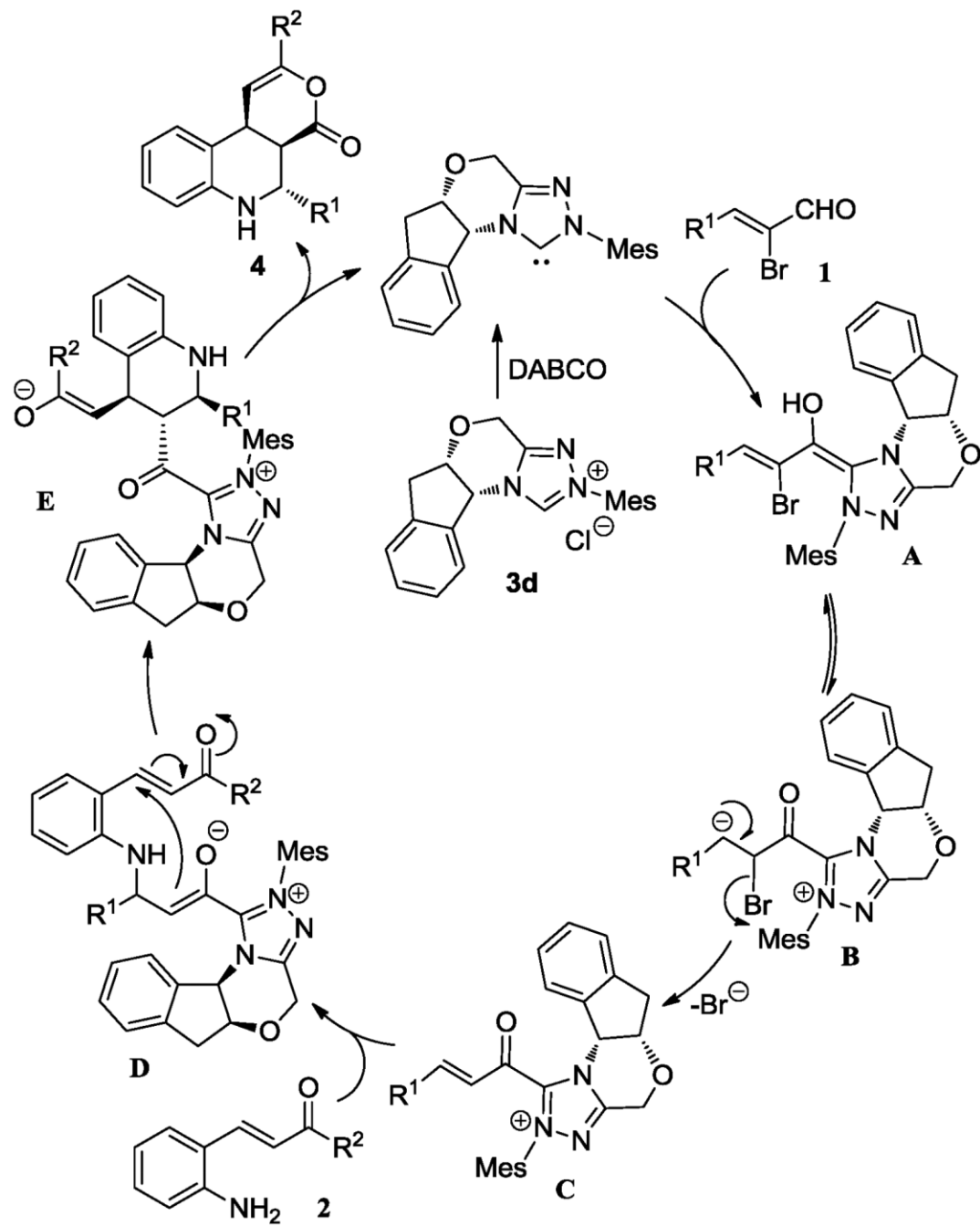


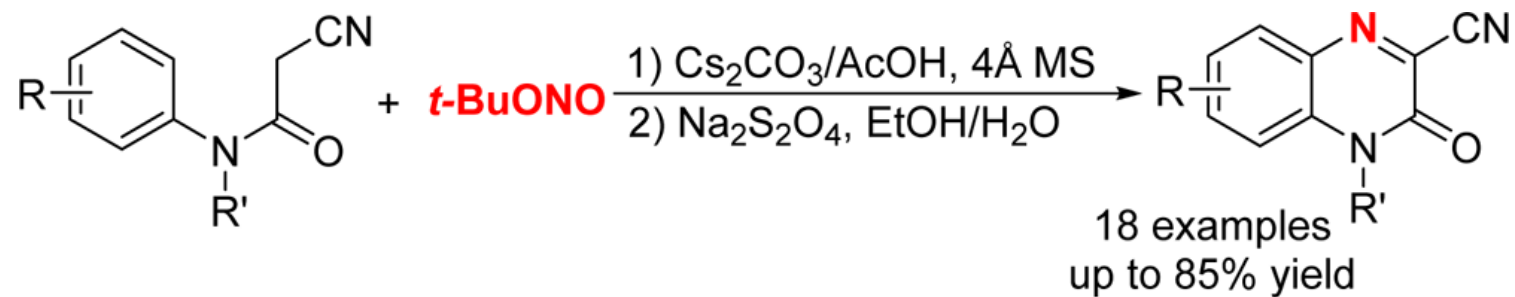
cat. (10 mol%)
DABCO

CH₂Cl₂
rt

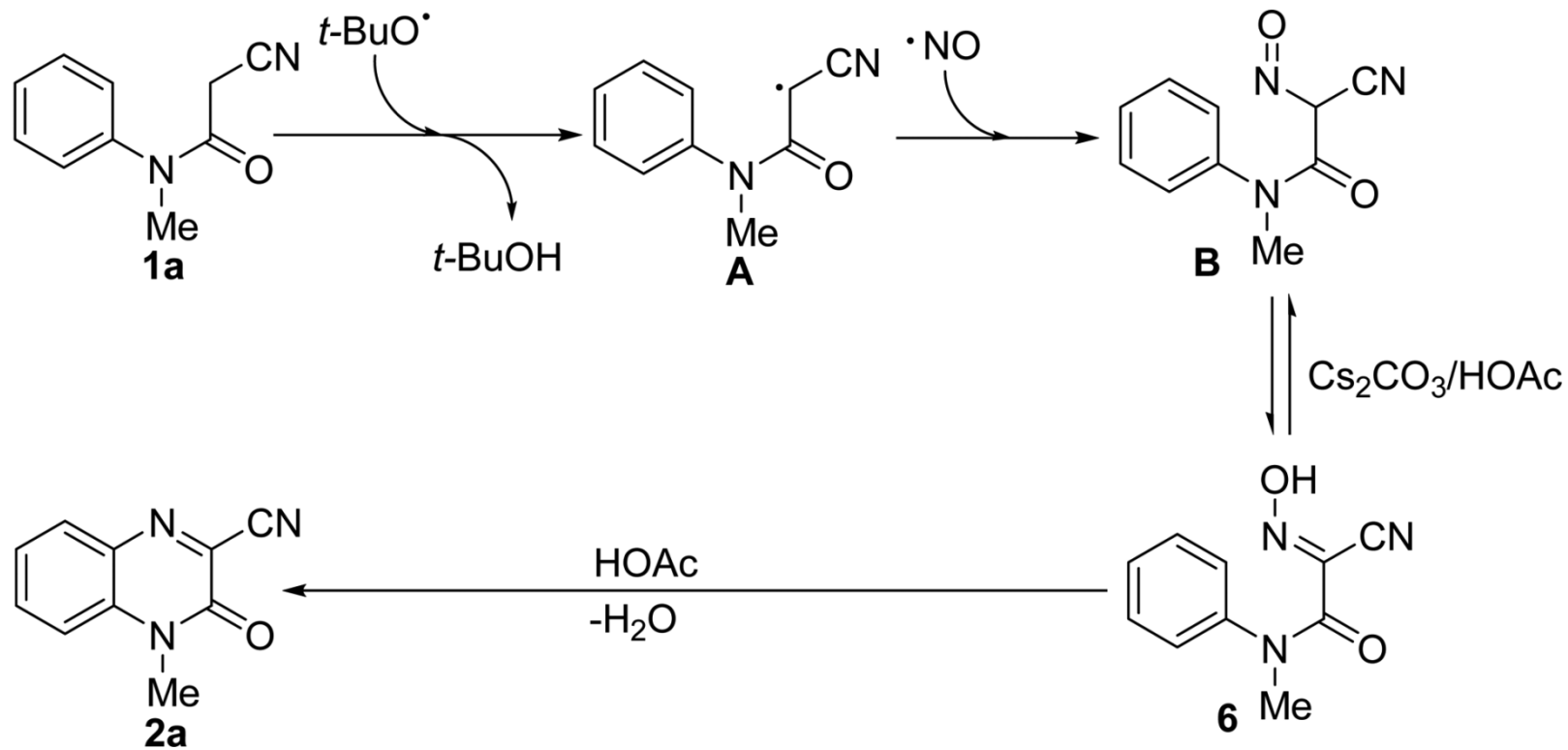
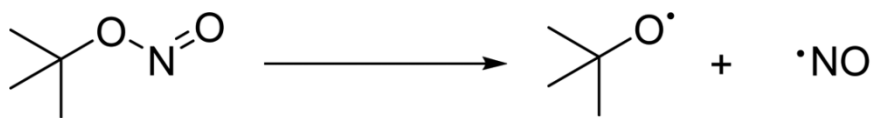
98%
dr > 25:1
97% ee

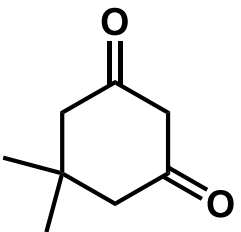




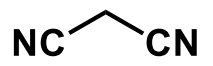


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