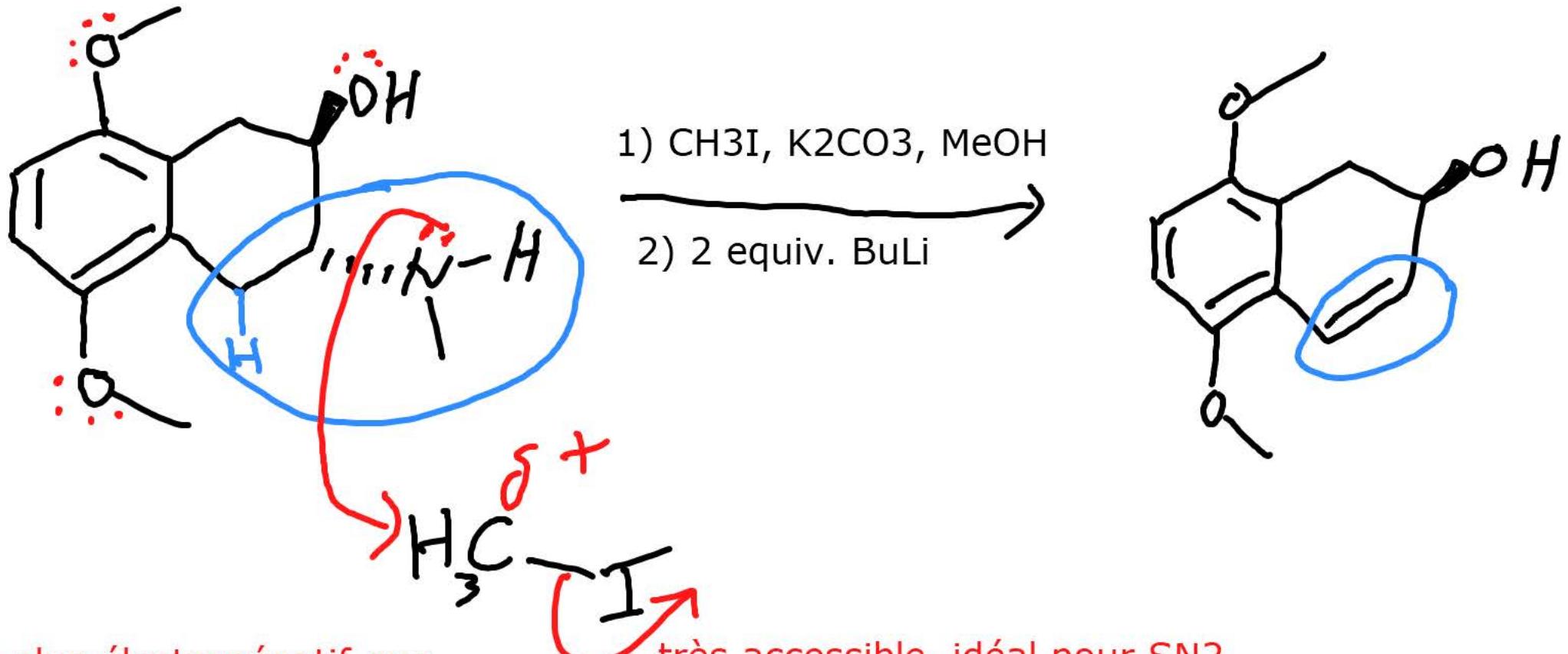


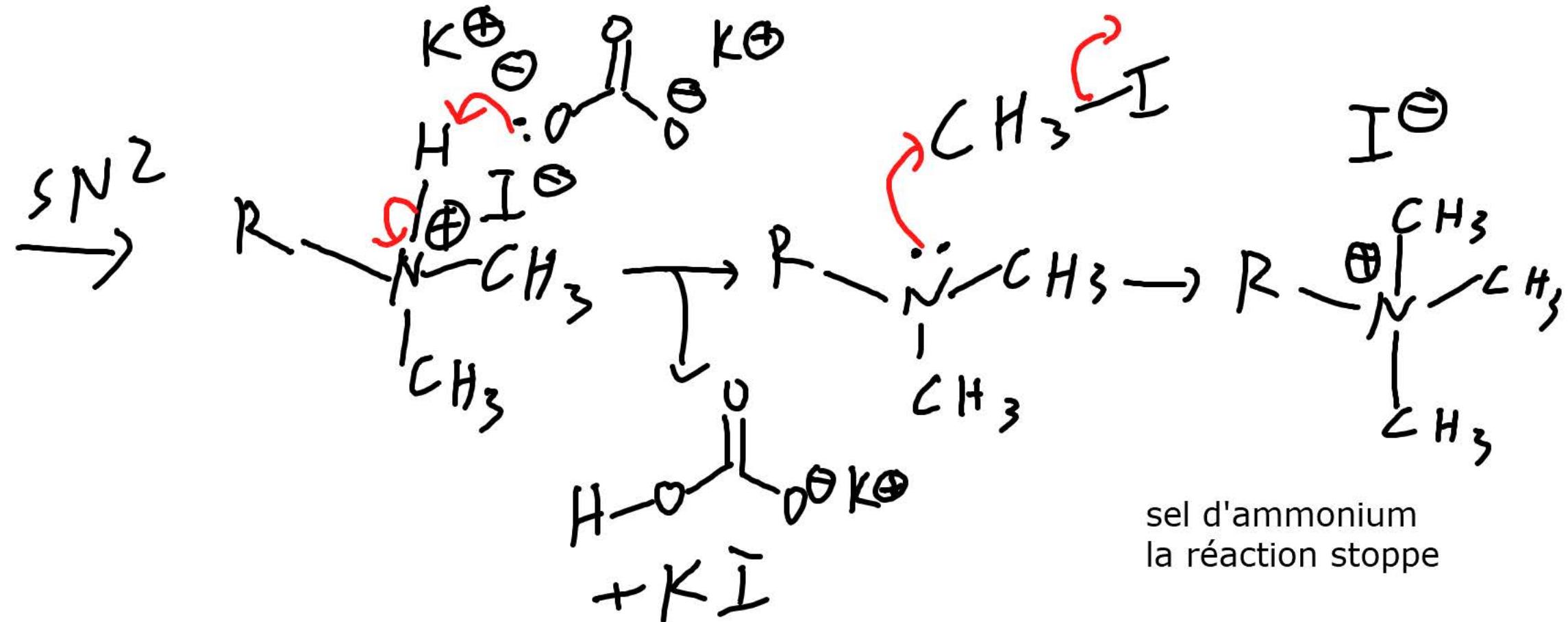
Elimination selon Hofmann (à partir des amines)



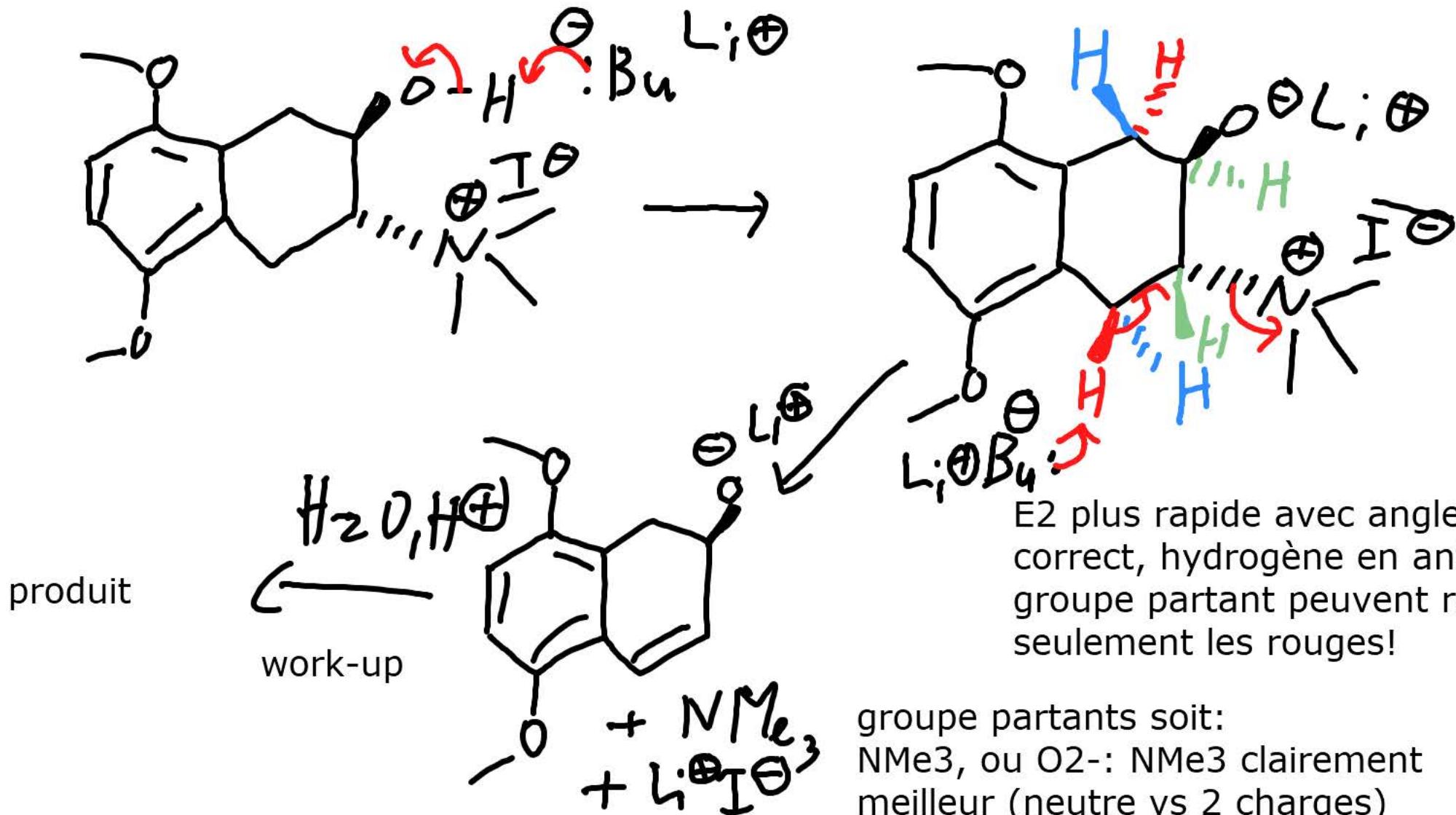
O est plus électronegatif que
N, donc N plus nucléophile

très accessible, idéal pour $\text{S}_{\text{N}}2$

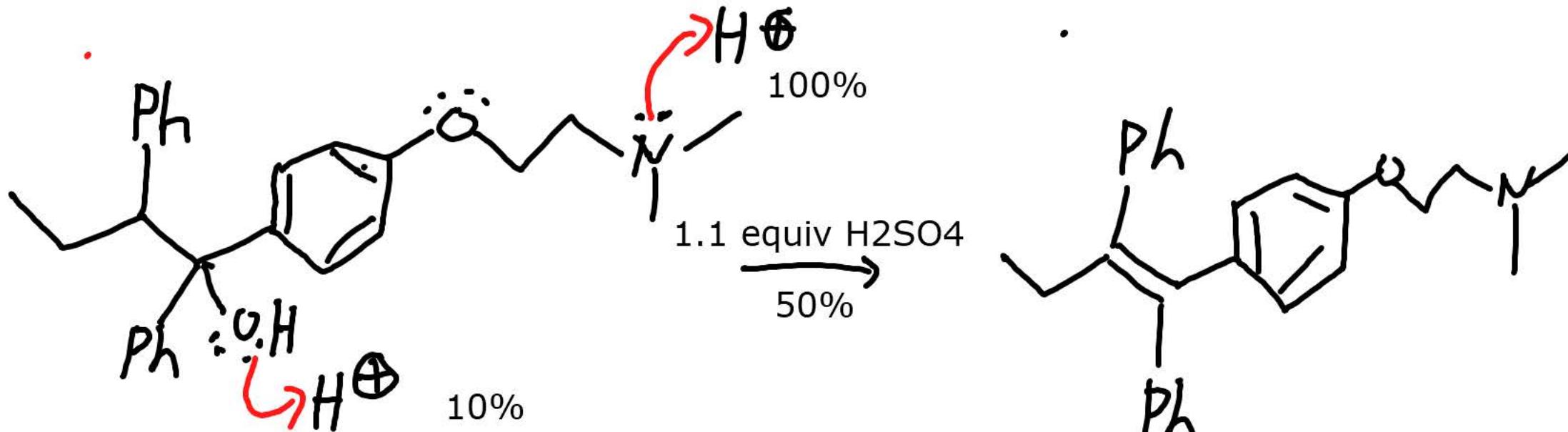
$\text{S}N^2$



sel d'ammonium
la réaction stoppe

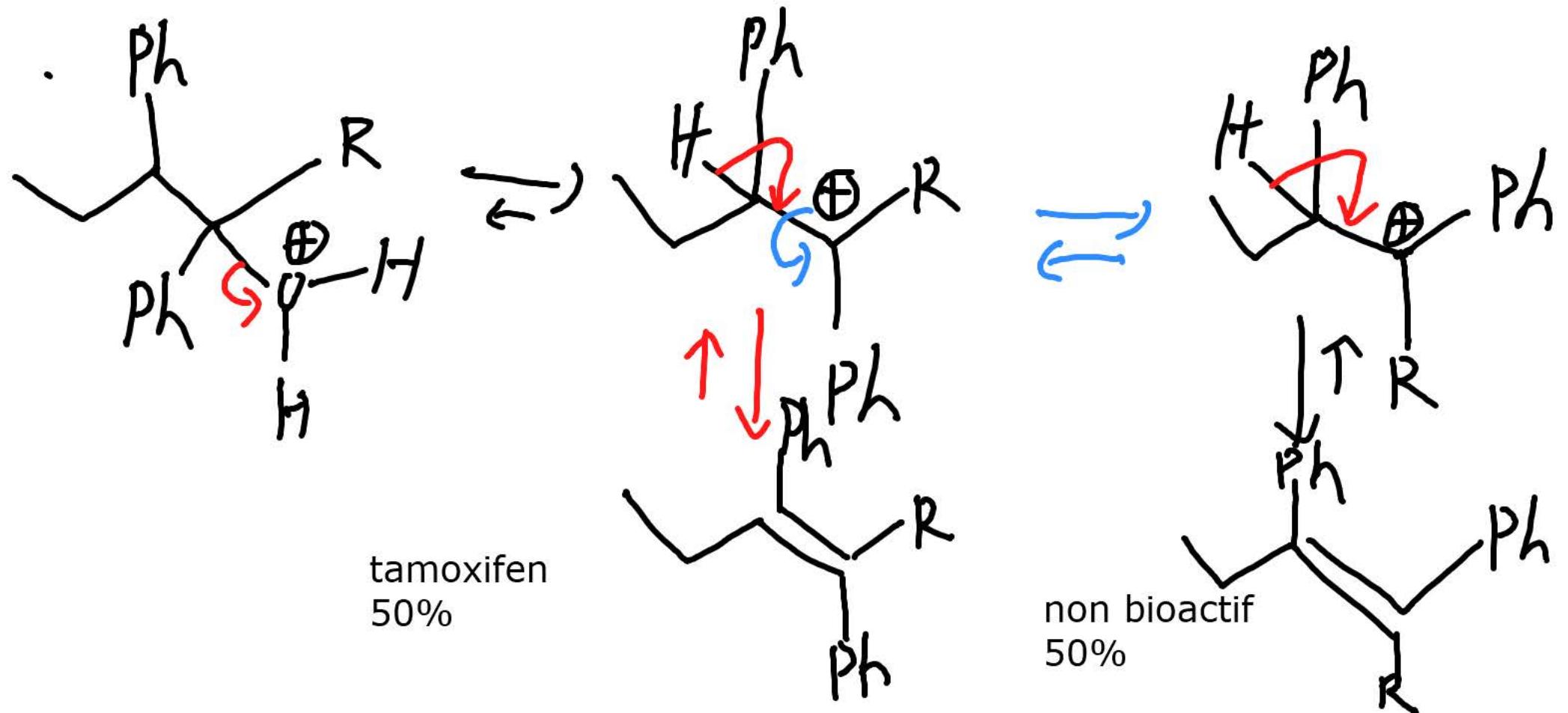


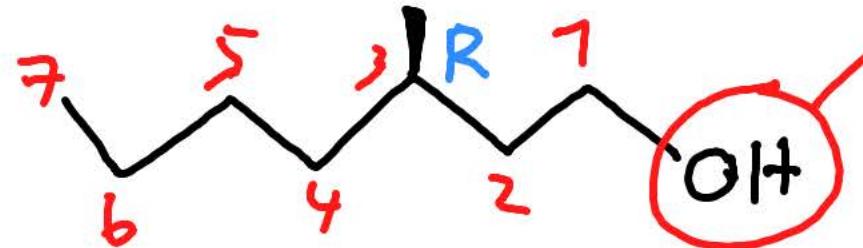
synthèse du tamoxifen (traitement du cancer du sein) par élimination E1



O plus électronégatif que N,
donc N plus basique

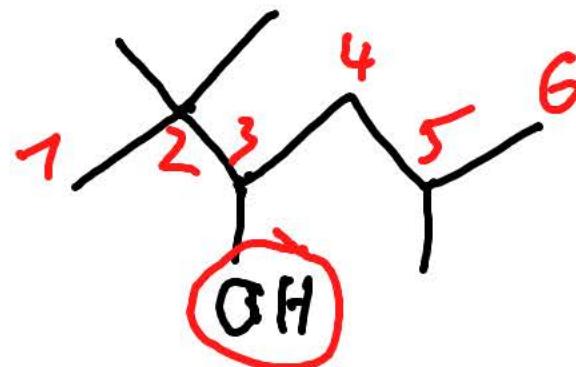
tamoxifen



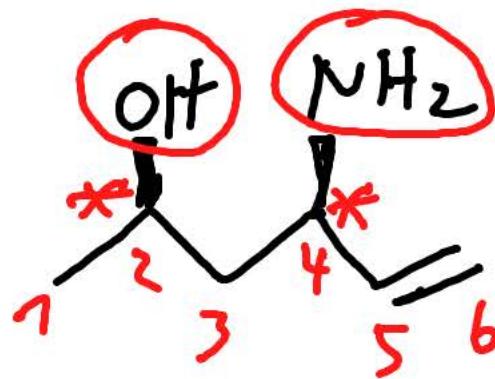


alcool

(R)-3-méthyl-heptan-1-ol

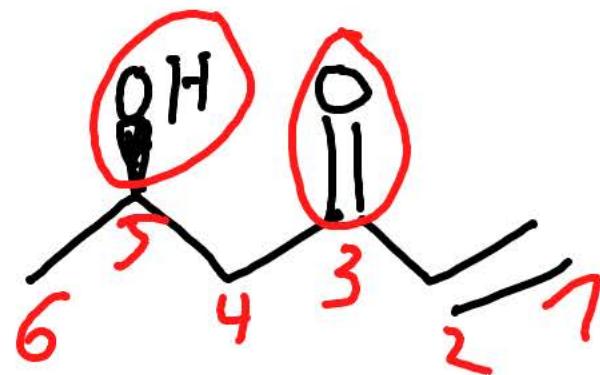


2,2,4-triméthyl-hexan-3-ol



alcool > amine

(2R, 4R)-4-amino-hex-5-en-2-ol



cétone > alcool

(R)-5-hydroxy-hex-1-en-3-one