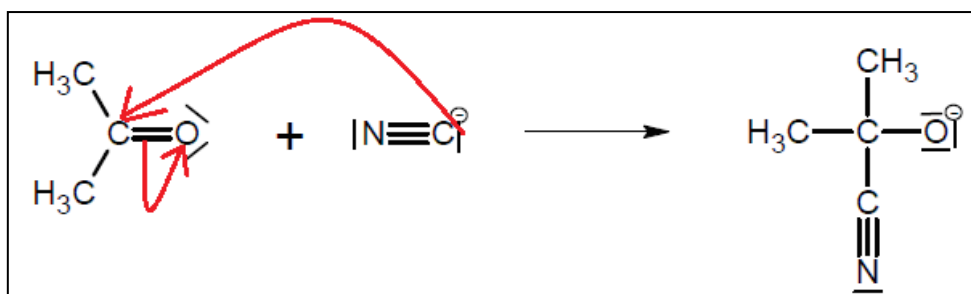
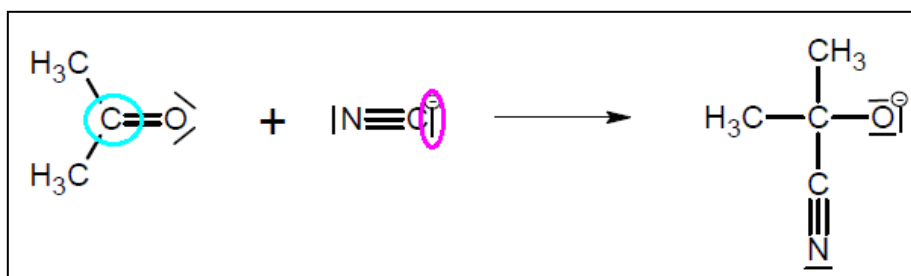
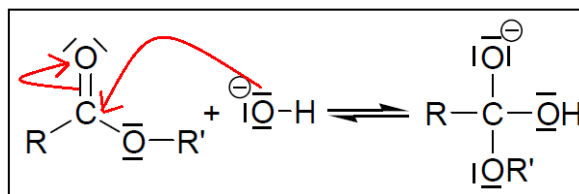
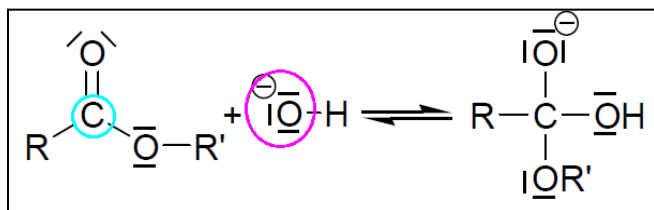
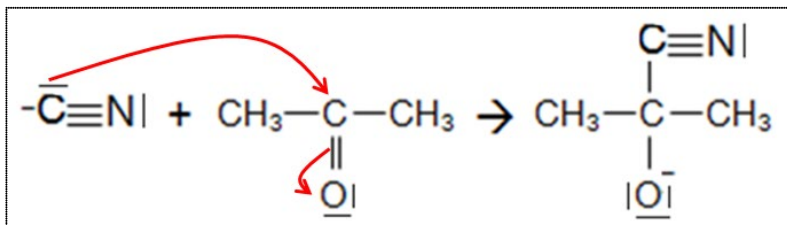
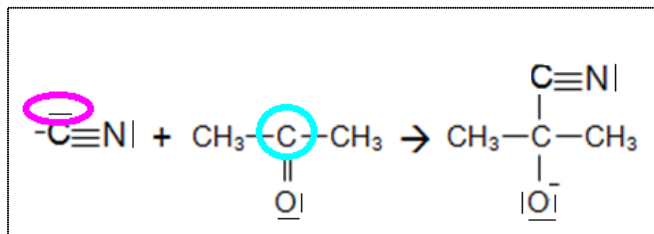


P3F4

## Les mécanismes réactionnels

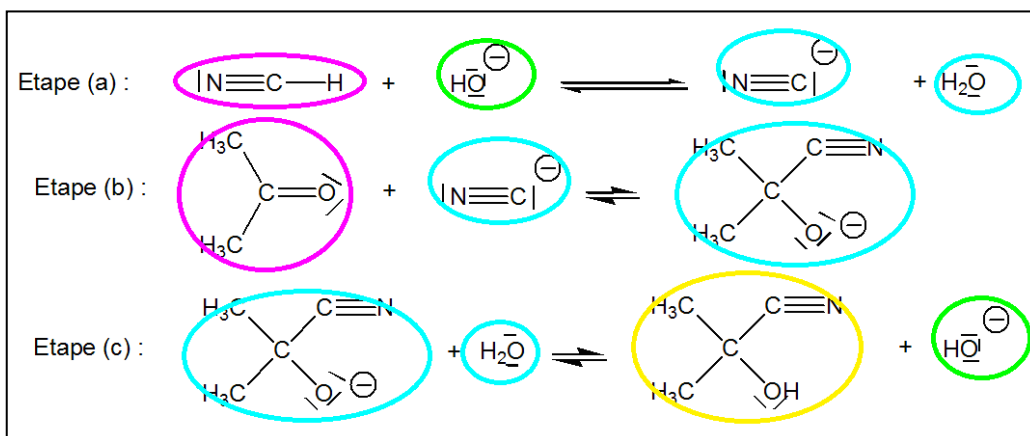
CORRECTION

EX1/ site nucléophile site électrophile Réactions d'addition

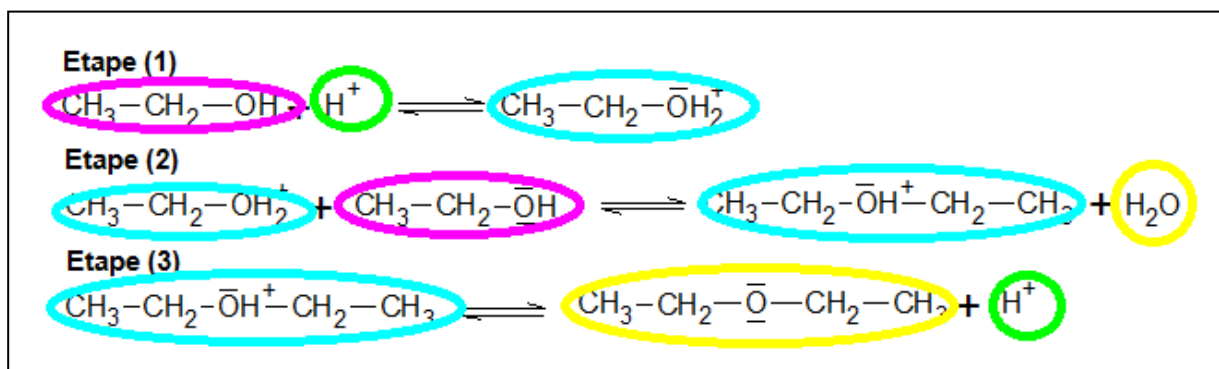
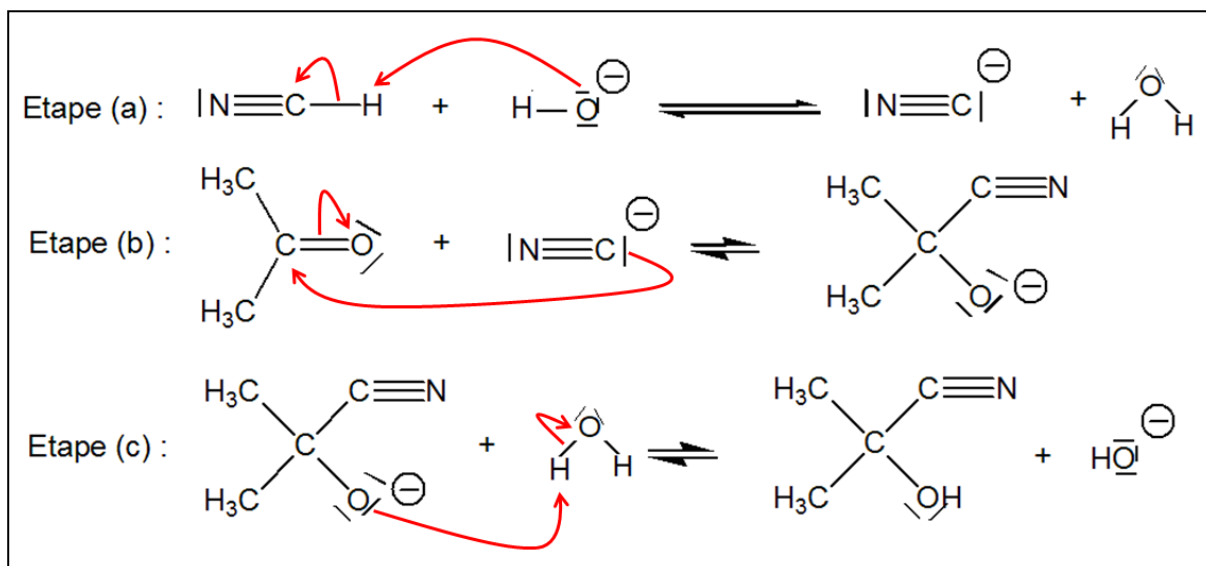


EX2/

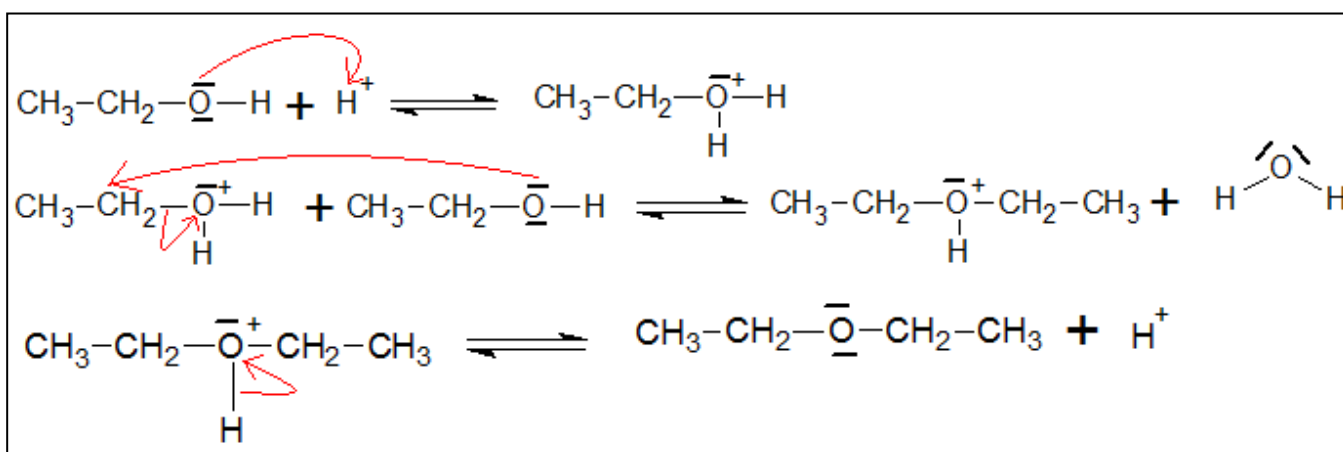
réactif(s) produit(s) le catalyseur les intermédiaires réactionnels



Etape (a) : réaction acide-base ; Etape (b) : addition ; Etape (c) : réaction acide-base

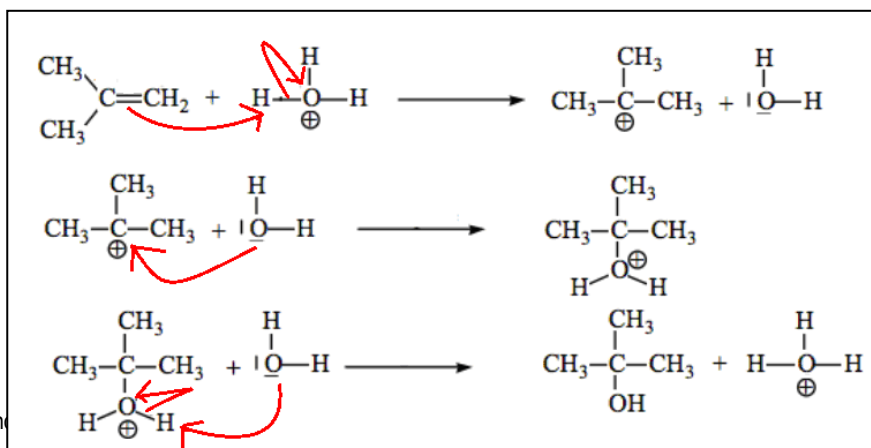
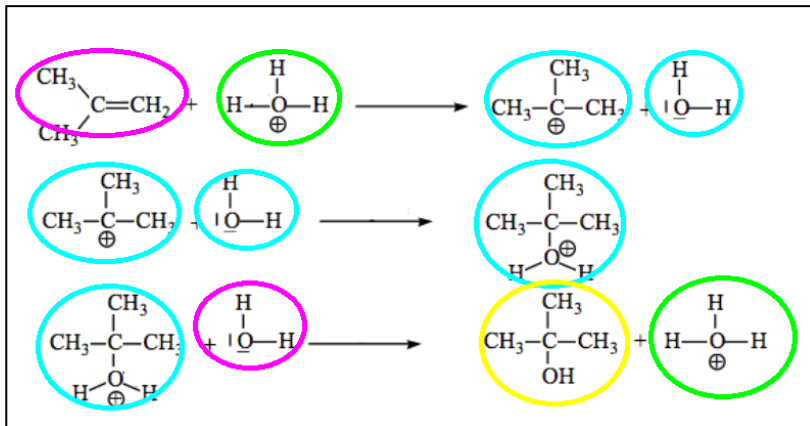
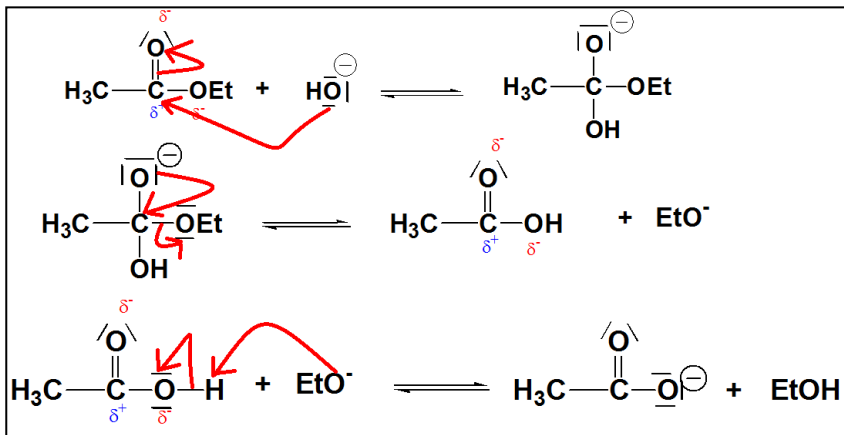
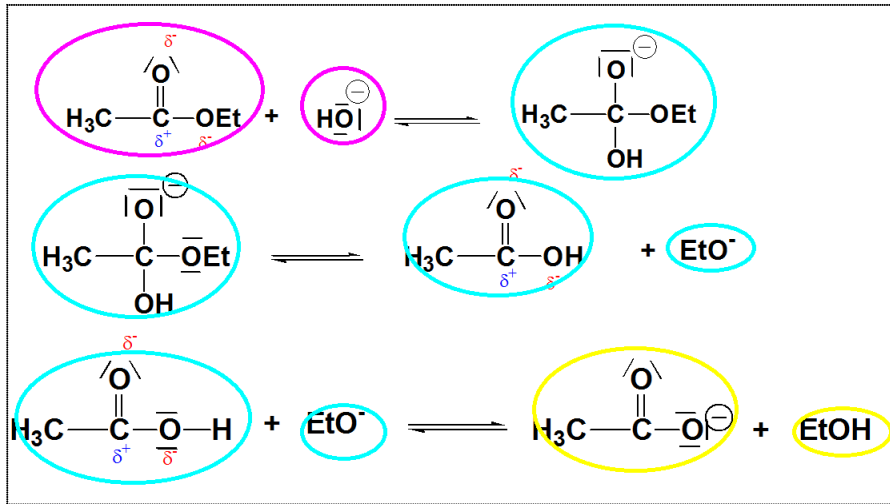


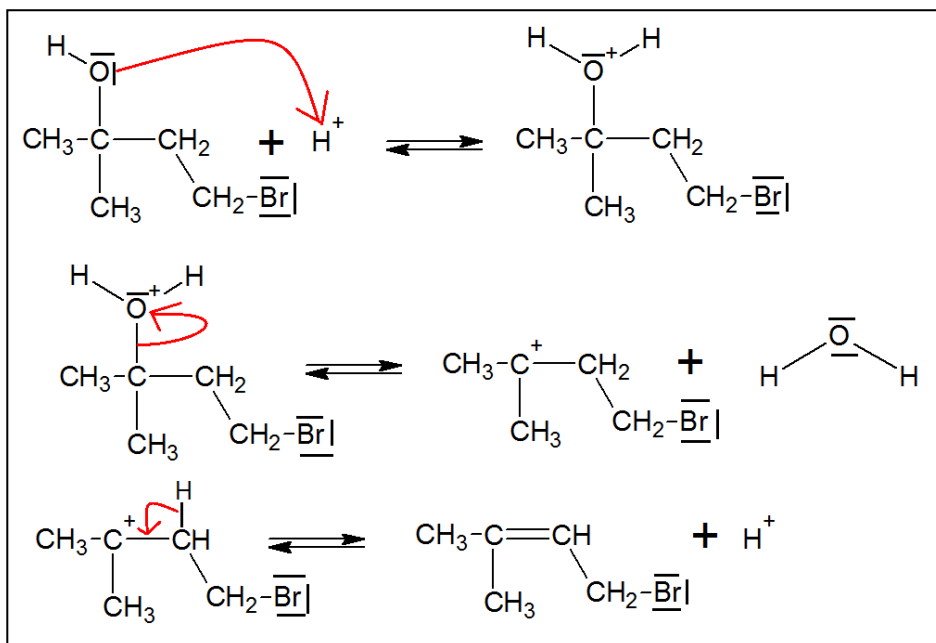
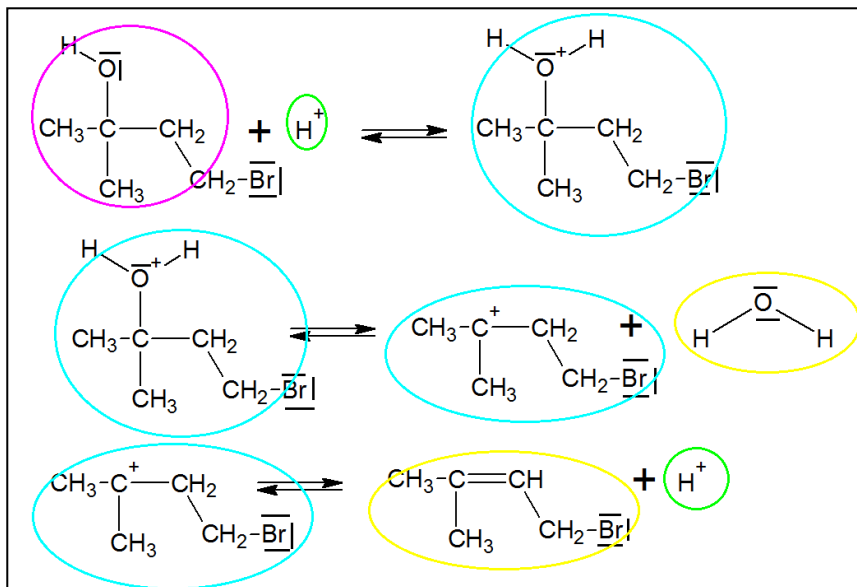
Etape (1) : réaction acide-base ; Etape (2) : substitution ; Etape (3) : réaction acide-base



**EX3/**

**réactif(s)**    **produit(s)**    **le catalyseur**    **les intermédiaires réactionnels**





EX4/

