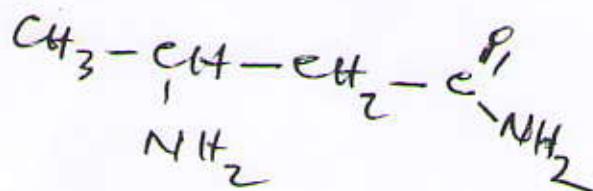
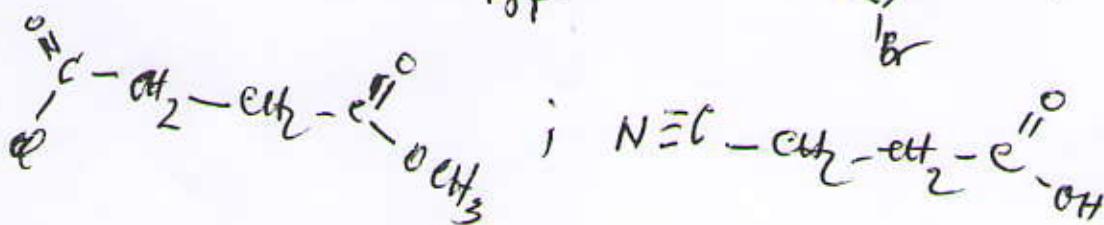
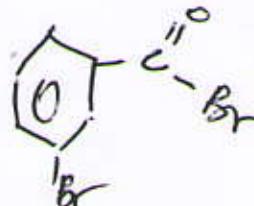
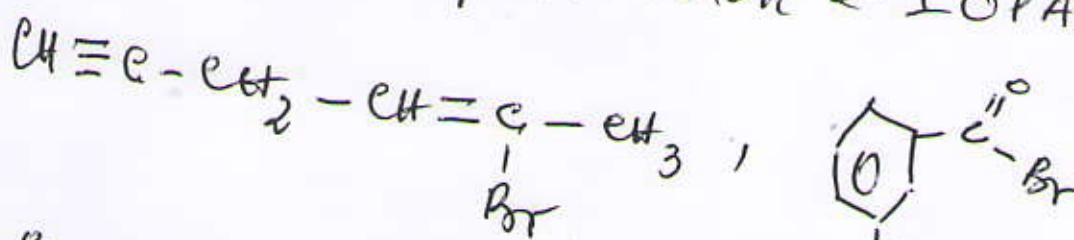


Examen de remplacement
Chimie organique

Exercice 1 : 5 points

Nommez les composés selon l'IUPAC.



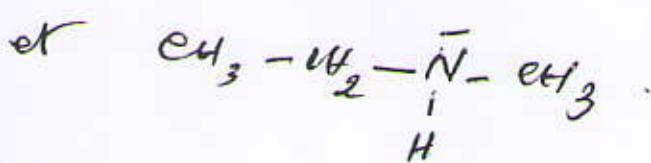
Exercice 2 : 5 points:

Ecrivez les formules développées des composés :

- Acide 4-formylbut-2-énique.
- N-éthyl-N-méthylaniline
- N-éthyl-N-méthylbutan-1-amine.
- 3-Caramoglutamate de méthyle
- phenoxypropane.

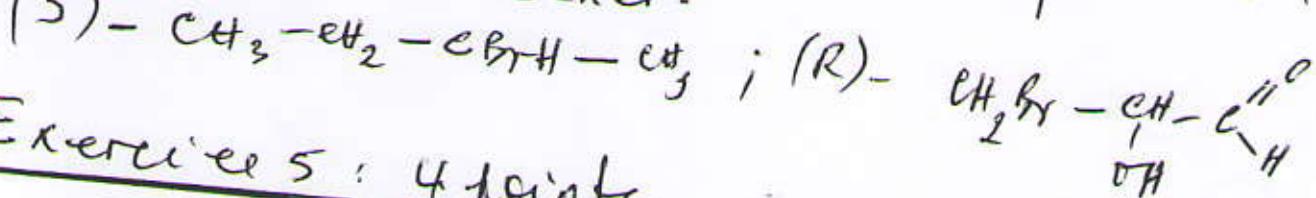
Exercice 3 : 2 points.

Comparez la basicité des produits :



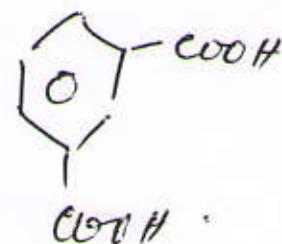
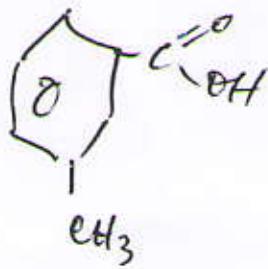
Exercice 4 : 4 points.

Ecrivez des formules développées des composés selon
(S)-Cram et Fischer:

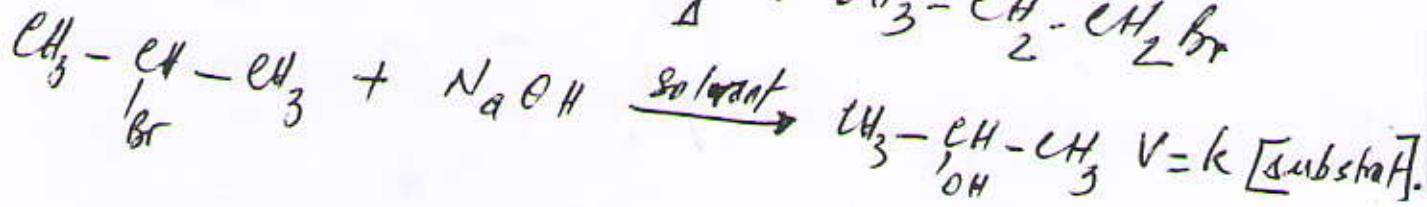
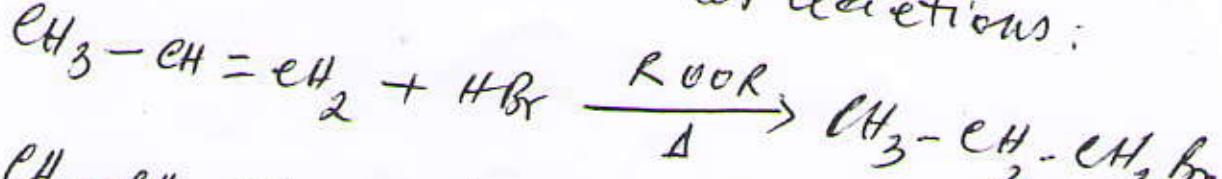


Exercice 5 : 4 points.

Préparez les composés suivants à partir du benzène et des réactifs de votre choix.



Ecrivez les mécanismes réactionnels selon lesquels se déroulent les réactions :



18/6/2012 -
2^e année.

Correction de rattrapage

W

Exercice 1:

- 5-bromohex-4-en-1-yne.

(1)

- bromure de m-bromobenzoyle.

(1)

3-chloroformylpropanoate de méthyle.

(1)

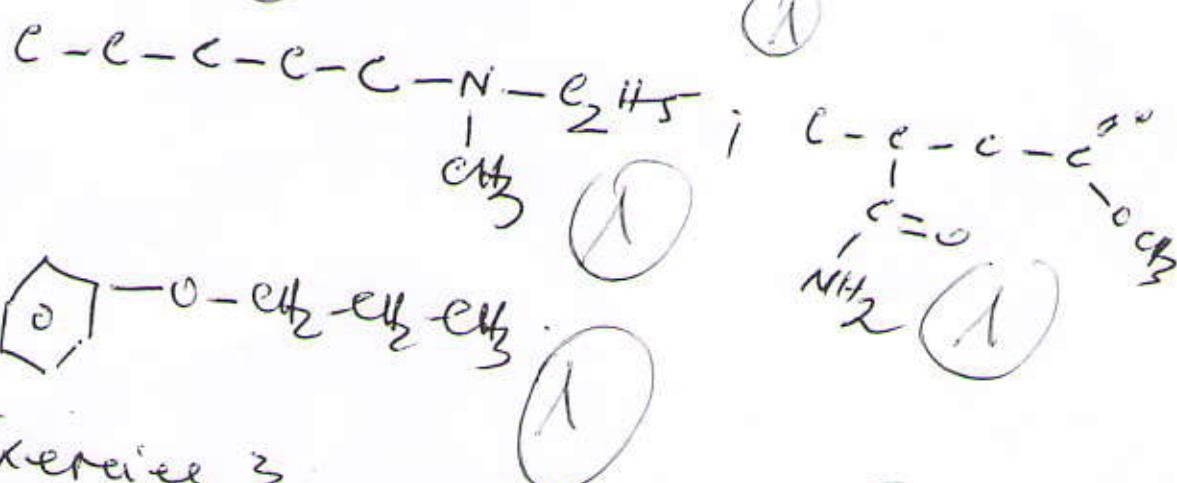
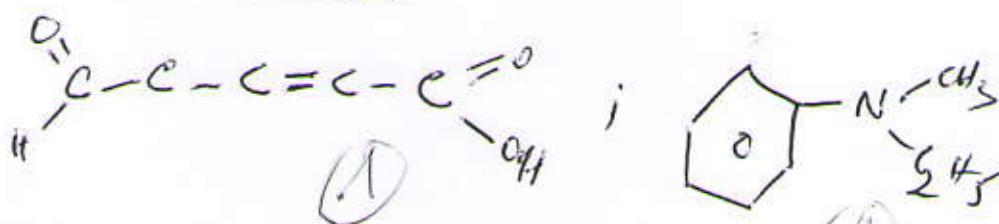
amide 3-cyanopropionique.

(1)

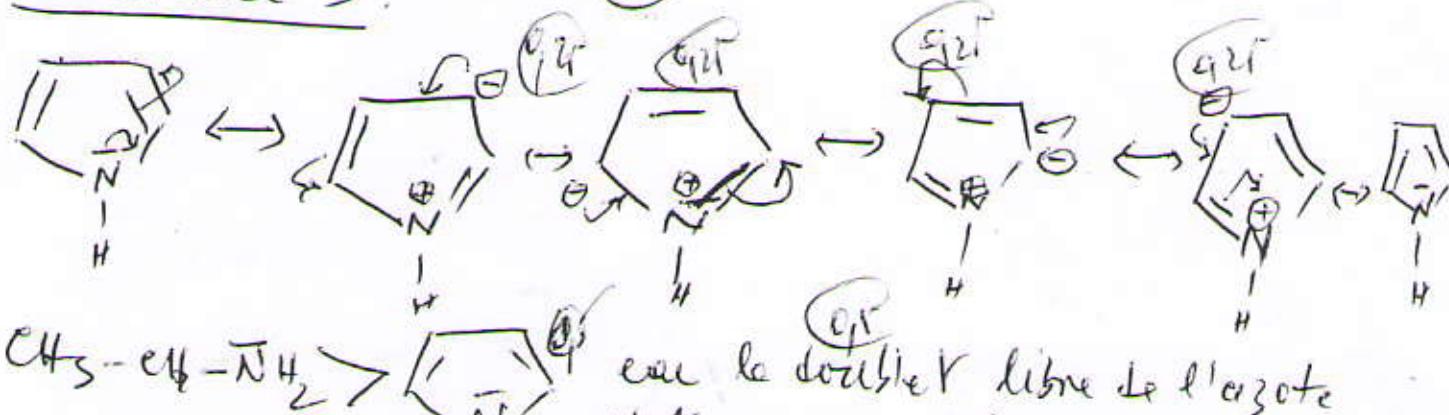
3-aminobutanamide.

(1)

Exercice 2



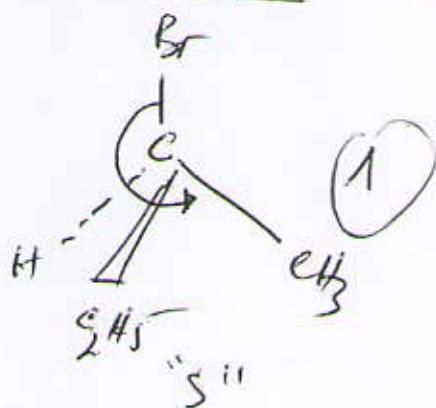
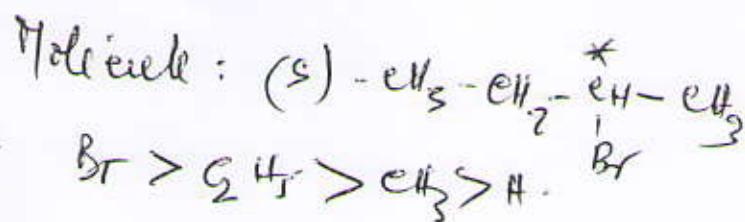
Exercice 3:



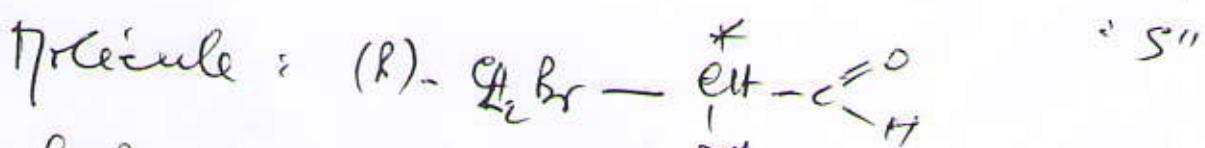
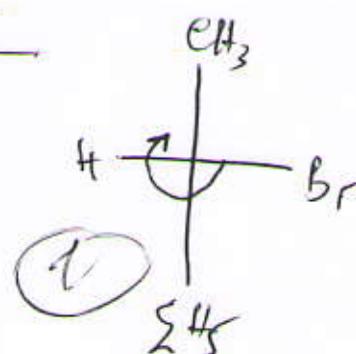
Exercice 4 :

(2)

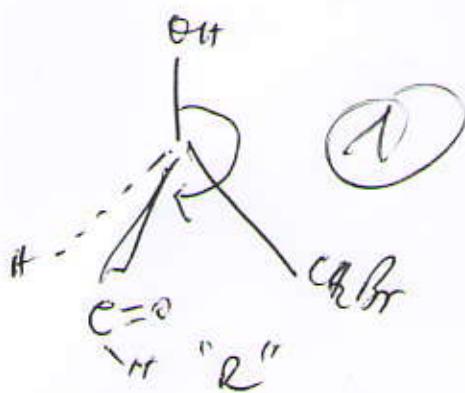
Selon Cram :



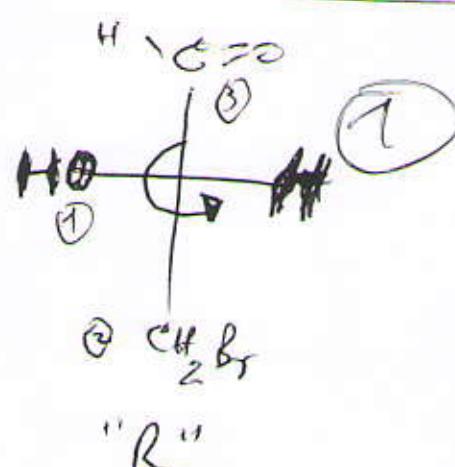
Selon Fischer



Selon Cram:

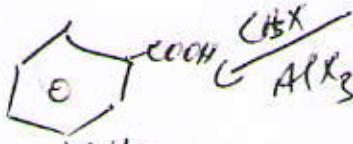
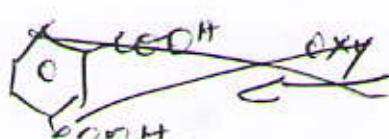
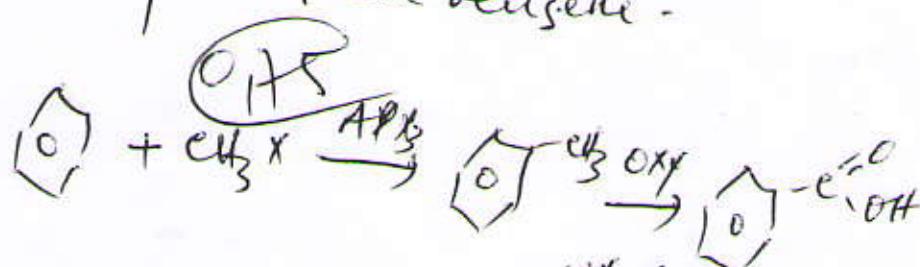
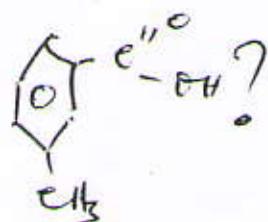


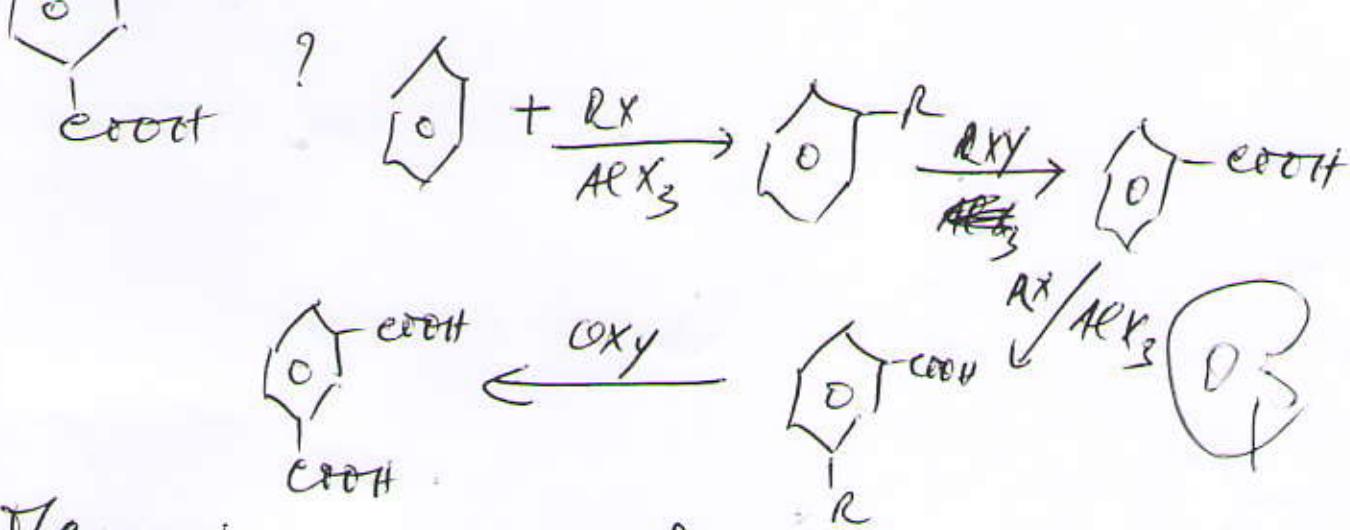
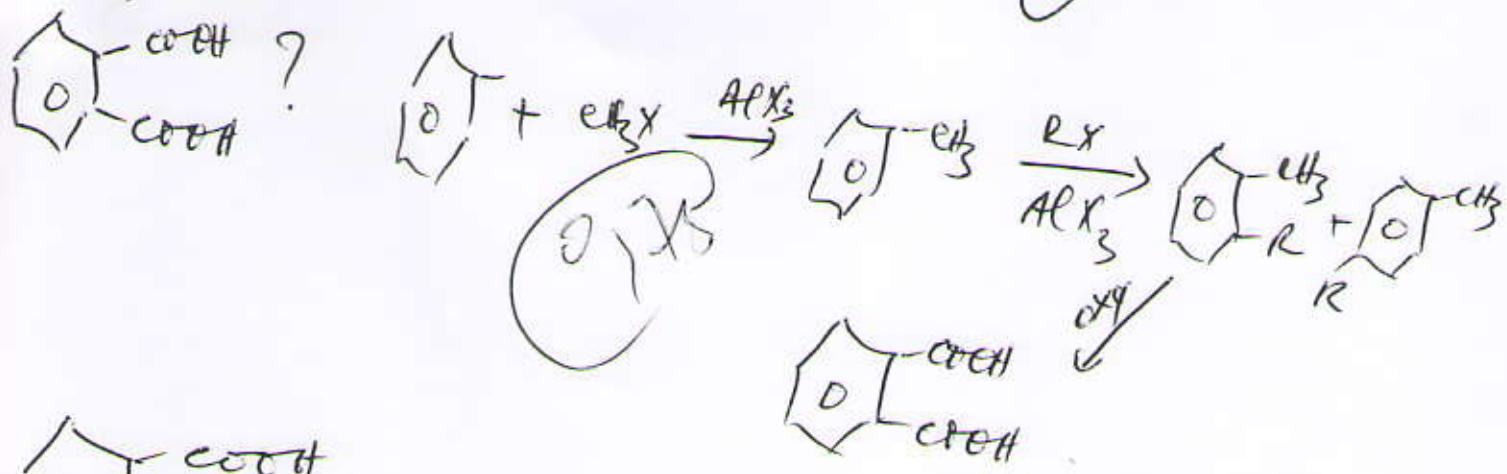
Selon Fischer



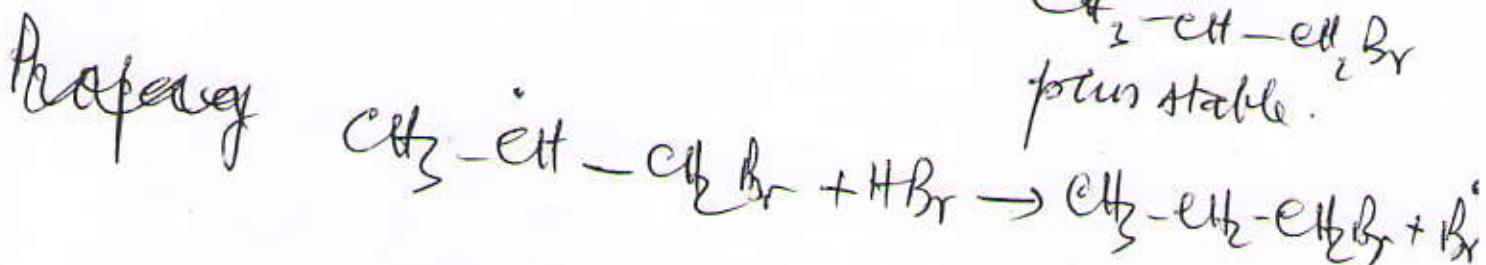
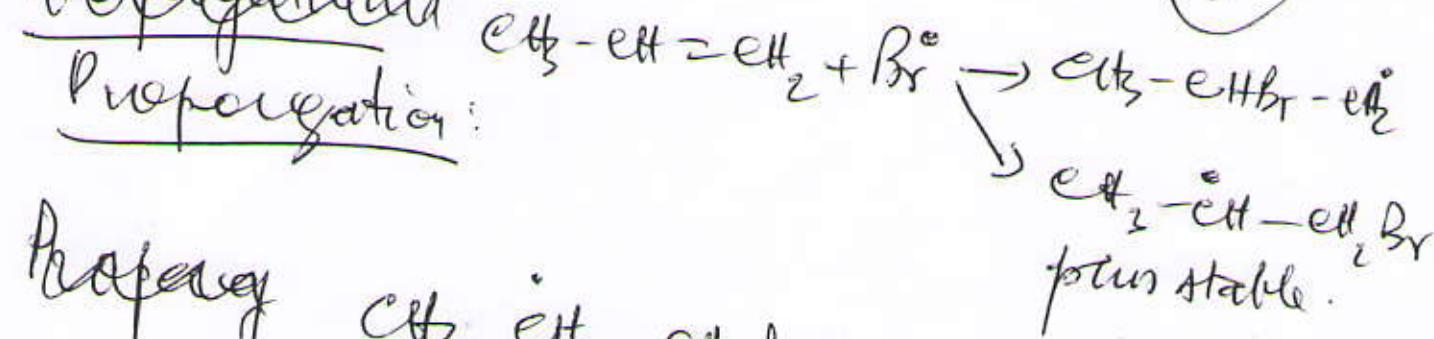
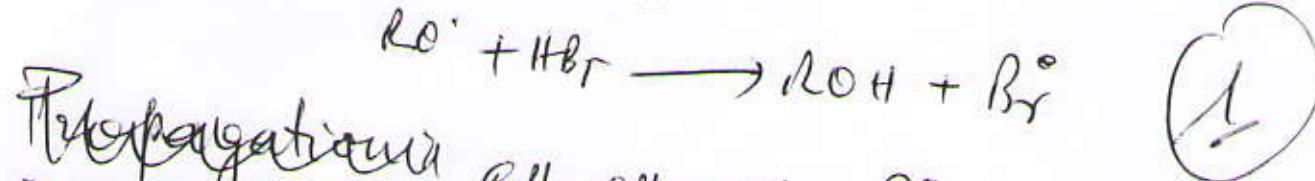
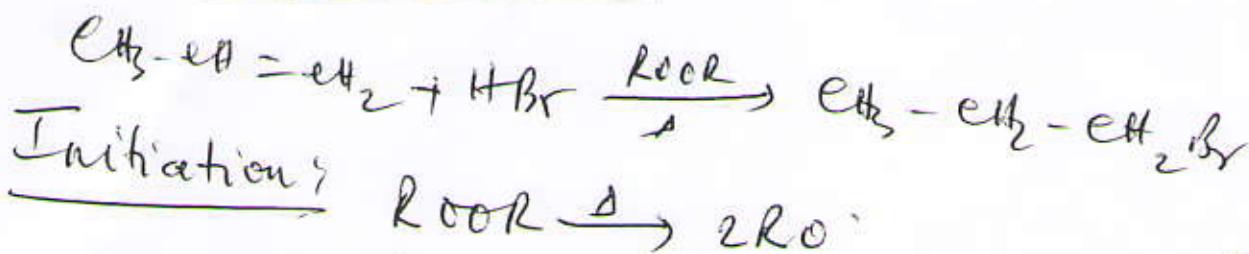
Exercice 5 :

Préparation des composés suivants
 à partir du benzène.

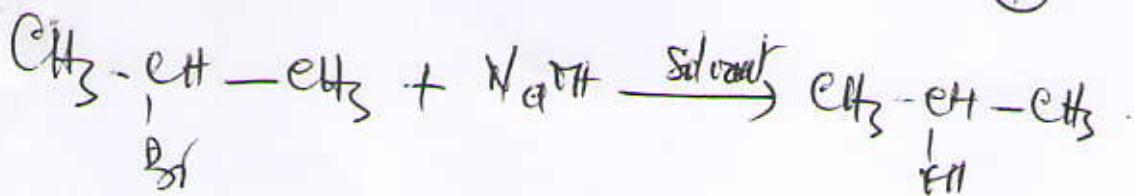




Mécanisme réactionnel:

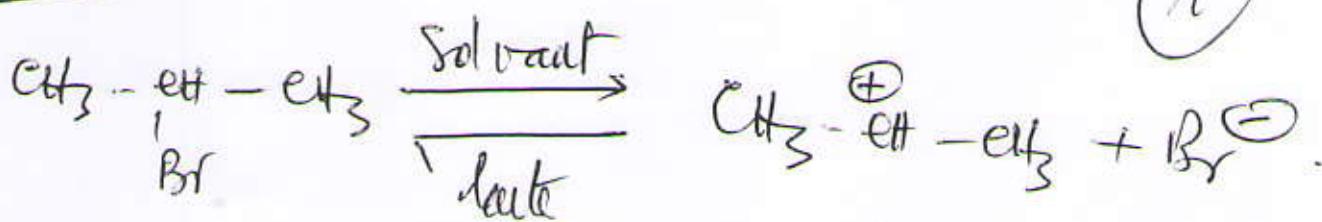


(4)



$V = k [\text{substrat}] \Leftrightarrow$ Substitution SN_1 .

Etape:



(1)

