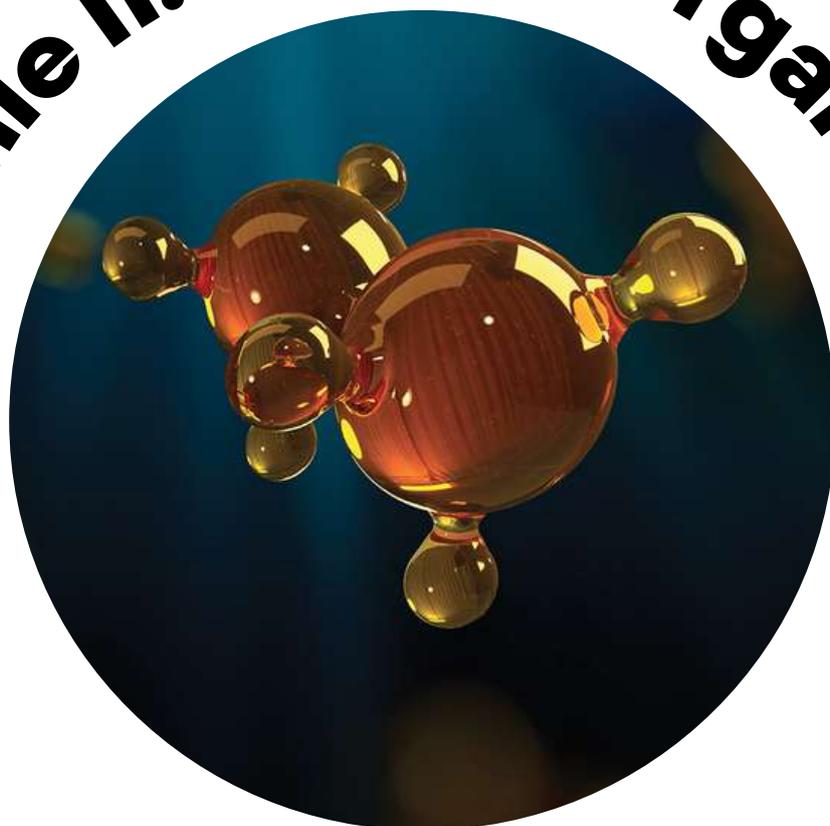


# Chimie II: Chimie Organique



SCIENCES DE LA  
VIE ET DE LA TERRE



## Shop



- Cahiers de Biologie + Lexique
- Accessoires de Biologie



## Etudier



Visiter [Biologie Maroc](http://www.biologie-maroc.com) pour étudier et passer des QUIZ et QCM en ligne et Télécharger TD, TP et Examens résolus.

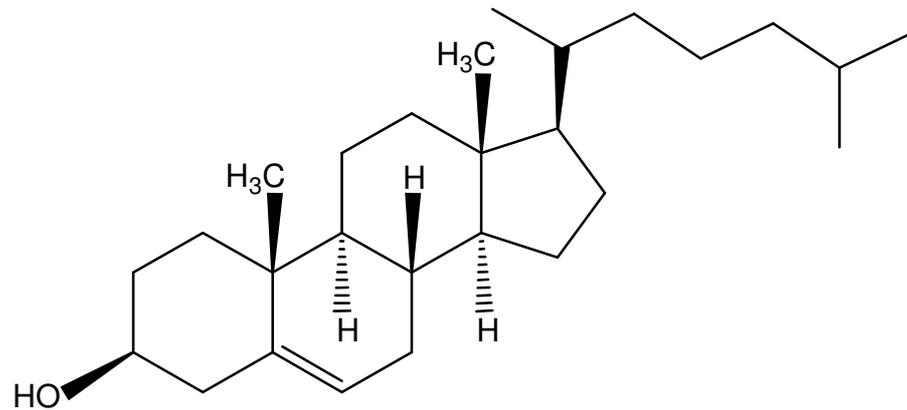


## Emploi

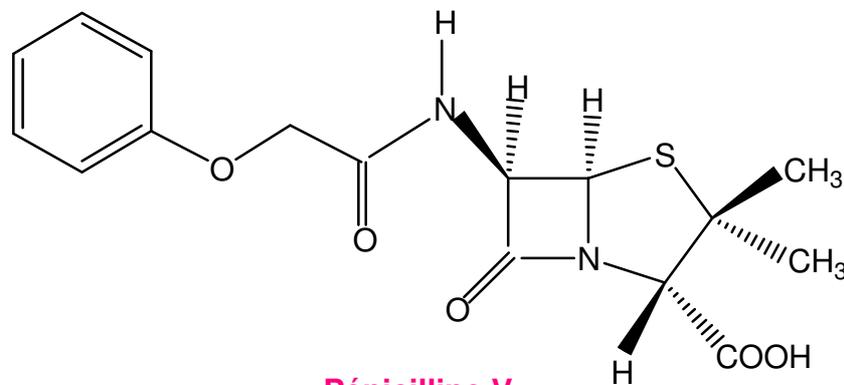


- CV • Lettres de motivation • Demandes...
- Offres d'emploi
- Offres de stage & PFE





Cholestérol

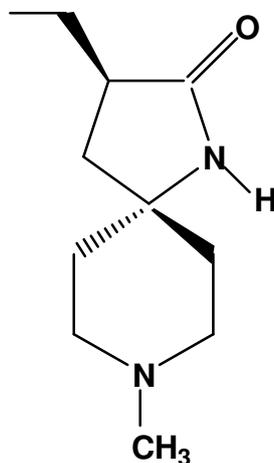


Pénicilline V

**Exercice n°3**

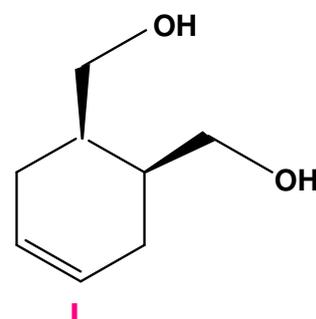
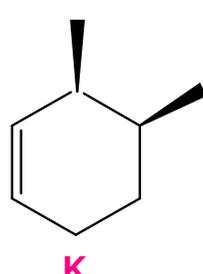
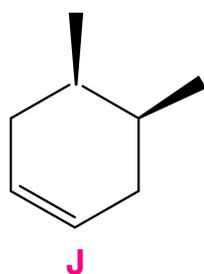
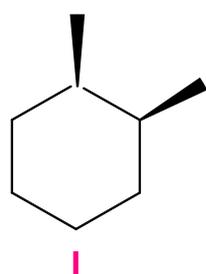
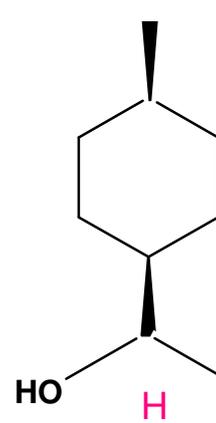
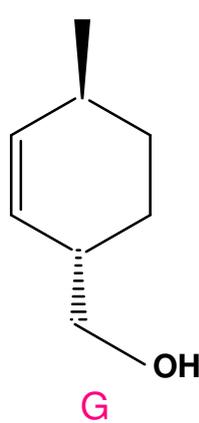
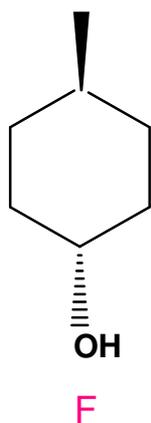
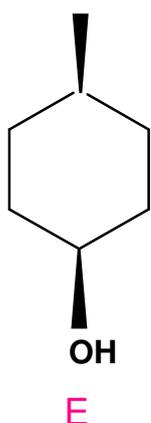
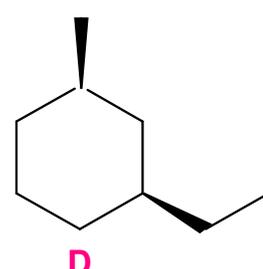
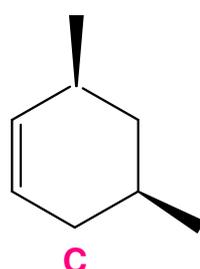
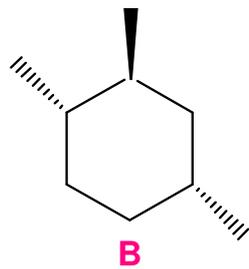
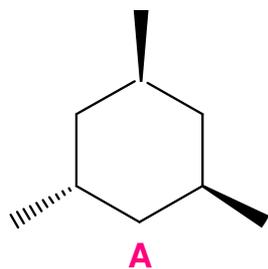
Soit la molécule suivante, utilisée comme traitement expérimental dans la maladie d'Alzheimer :

- Donner la configuration absolue (R, S) des carbones asymétriques présents;
- Dessiner l'énantiomère de la molécule.



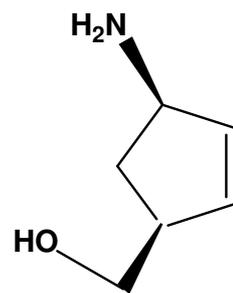
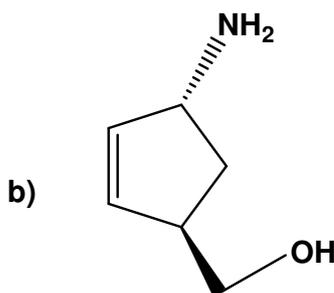
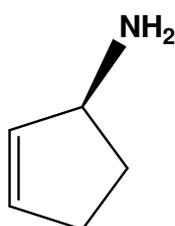
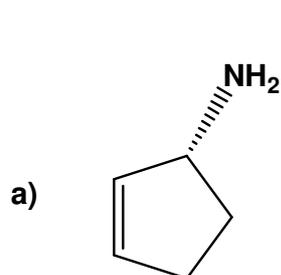
**Exercice n°4**

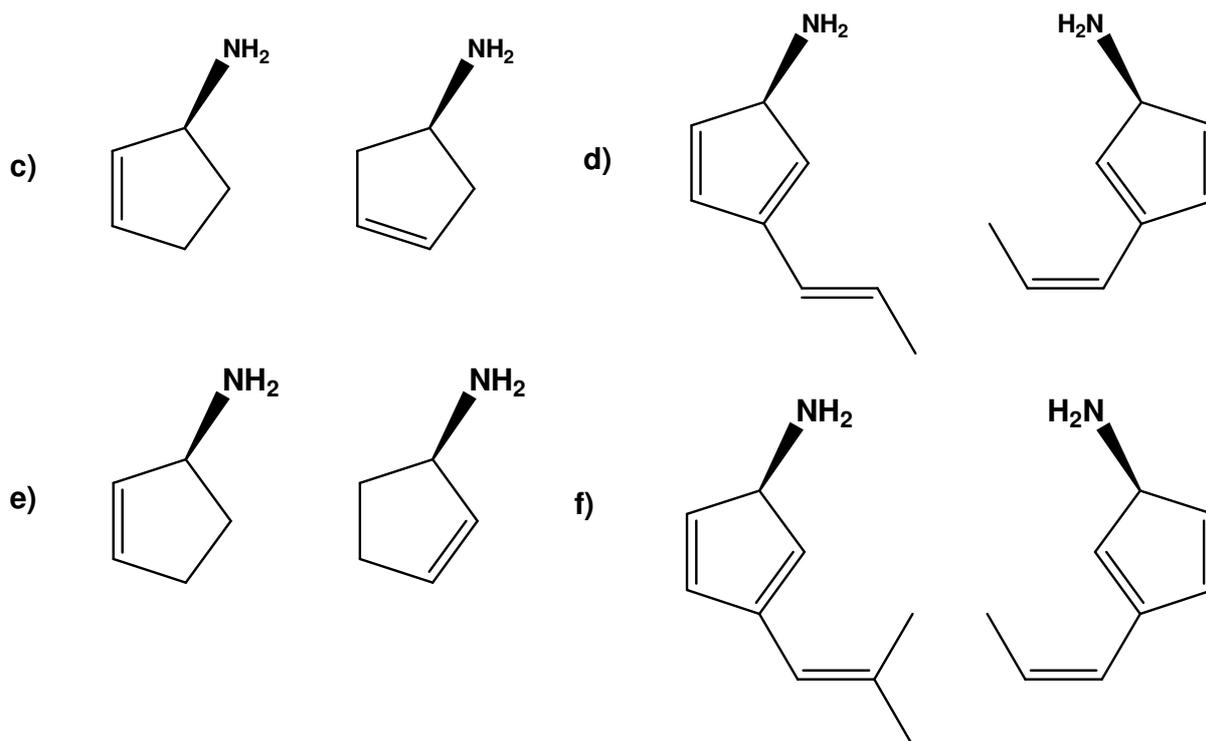
Les molécules suivantes sont-elle chirales ?



**Exercice n°5**

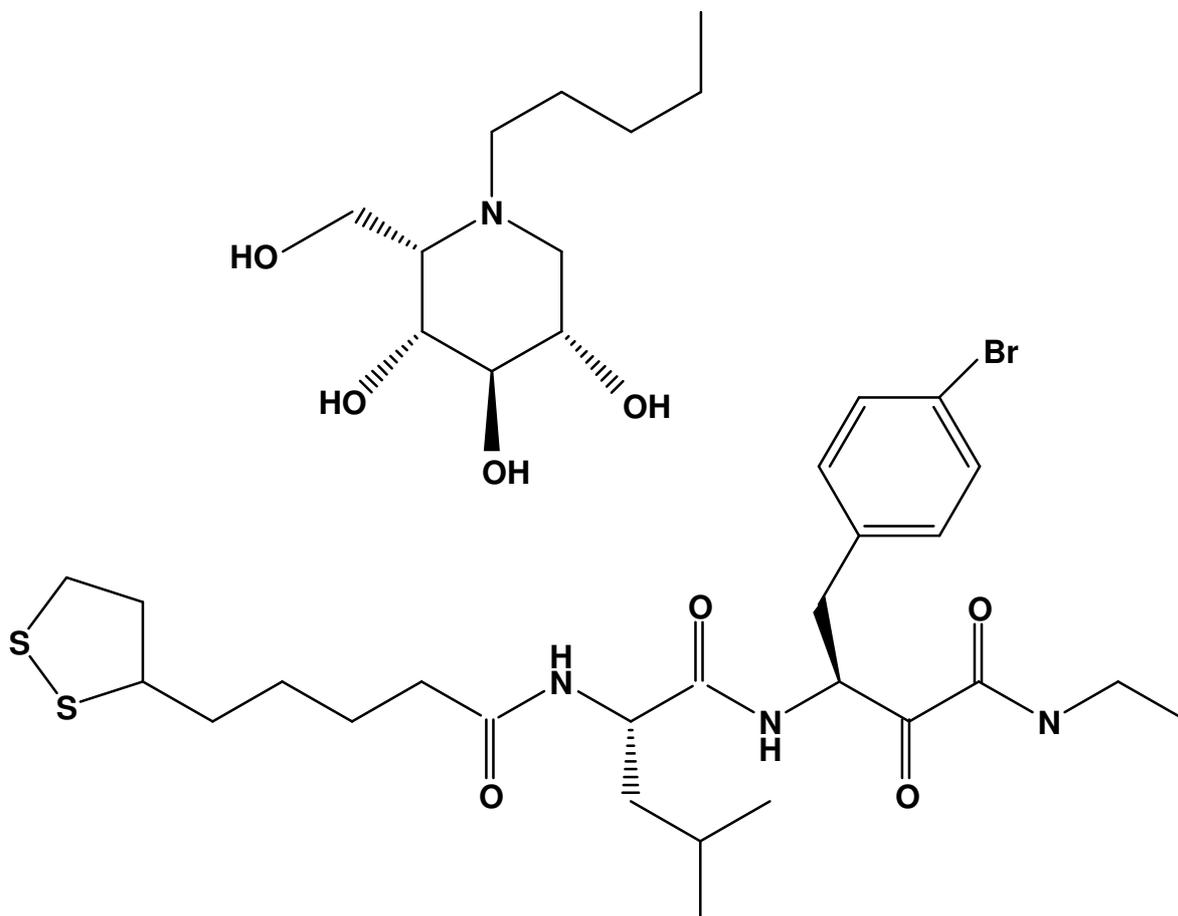
Quelle relation d'isomérisie existe-t-il pour chaque paire de molécules ? **I** (Identiques), **E** (Enantiomères), **D** (Diastéréoisomères), **C** (Isomères de Constitution) :





**Exercice n°6**

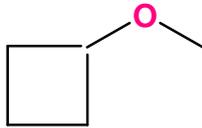
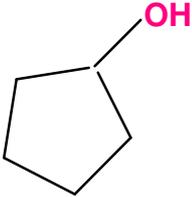
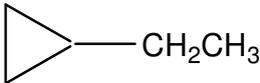
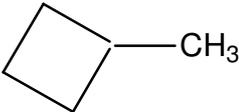
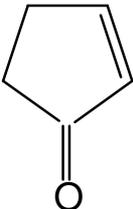
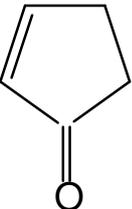
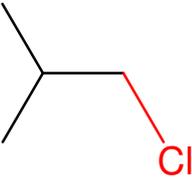
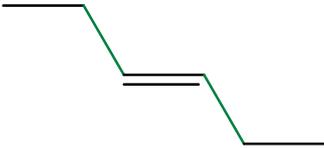
Donner la configuration absolue (R, S) des carbones asymétriques présents dans les 2 molécules suivantes :



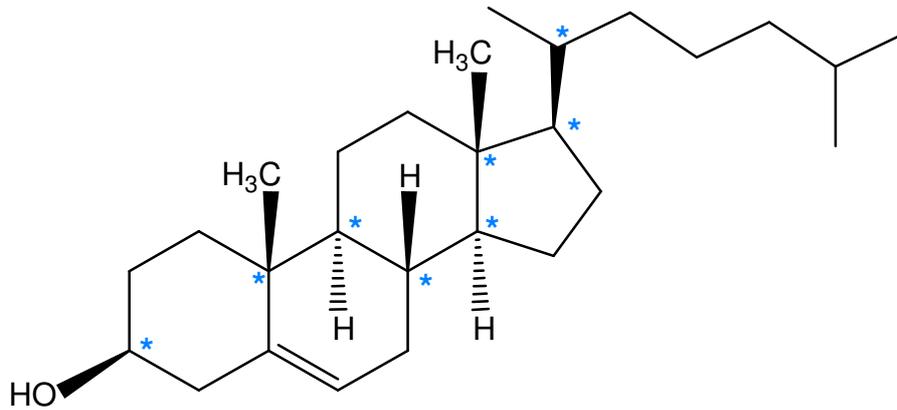
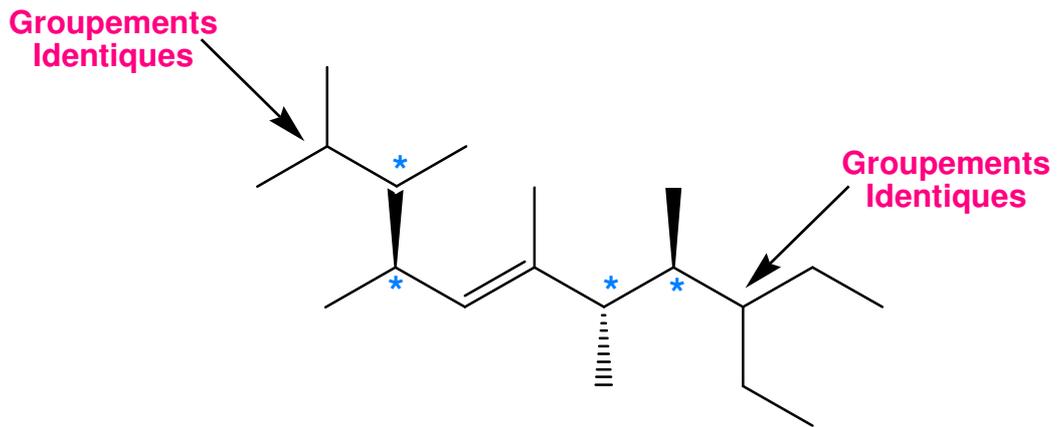
*Correction des Travaux dirigés (2015-2016)*

**Exercice n°1**

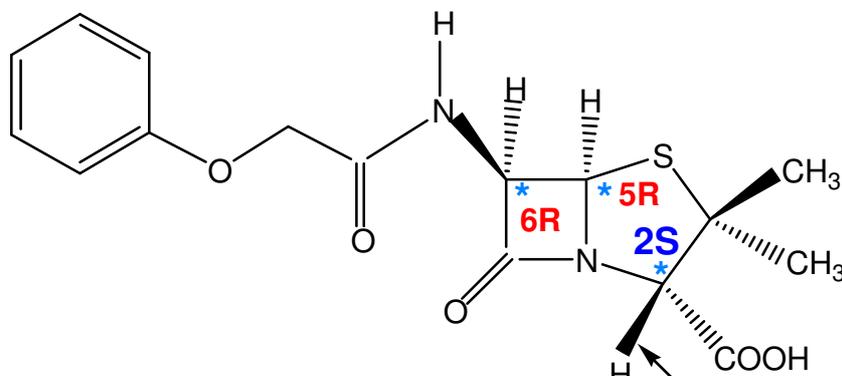
Quelle relation d'isomérie existe-t-il entre chaque paire de molécules ?

		<p><b>Isomères de fonction</b></p>
		<p><b>Isomères de chaîne</b></p>
		<p><b>Identiques</b></p>
		<p><b>Isomères de position</b></p>
		<p><b>Isomères géométriques</b></p>

**Exercice n°2**



**Cholestérol**  
8 C\*

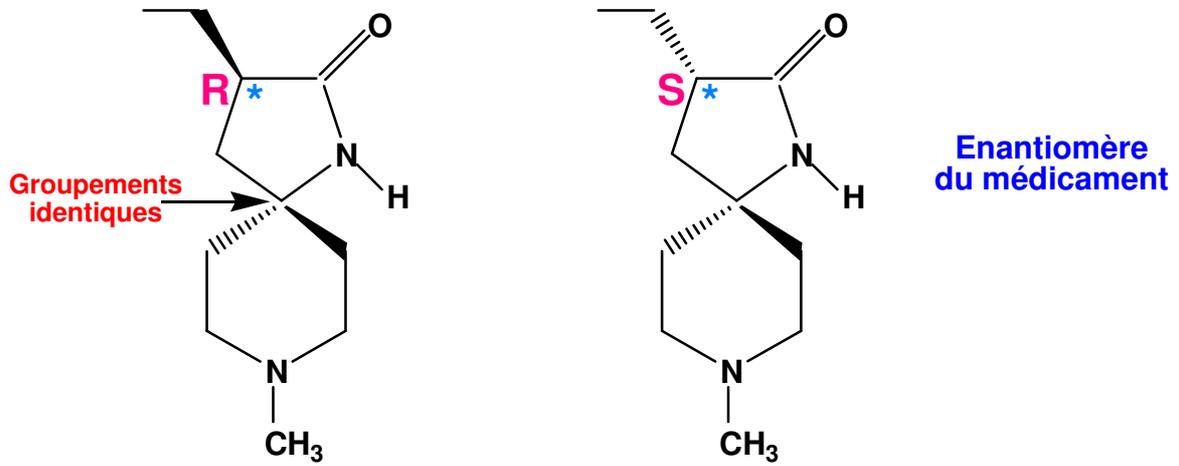


**Pénicilline V**  
3C\*

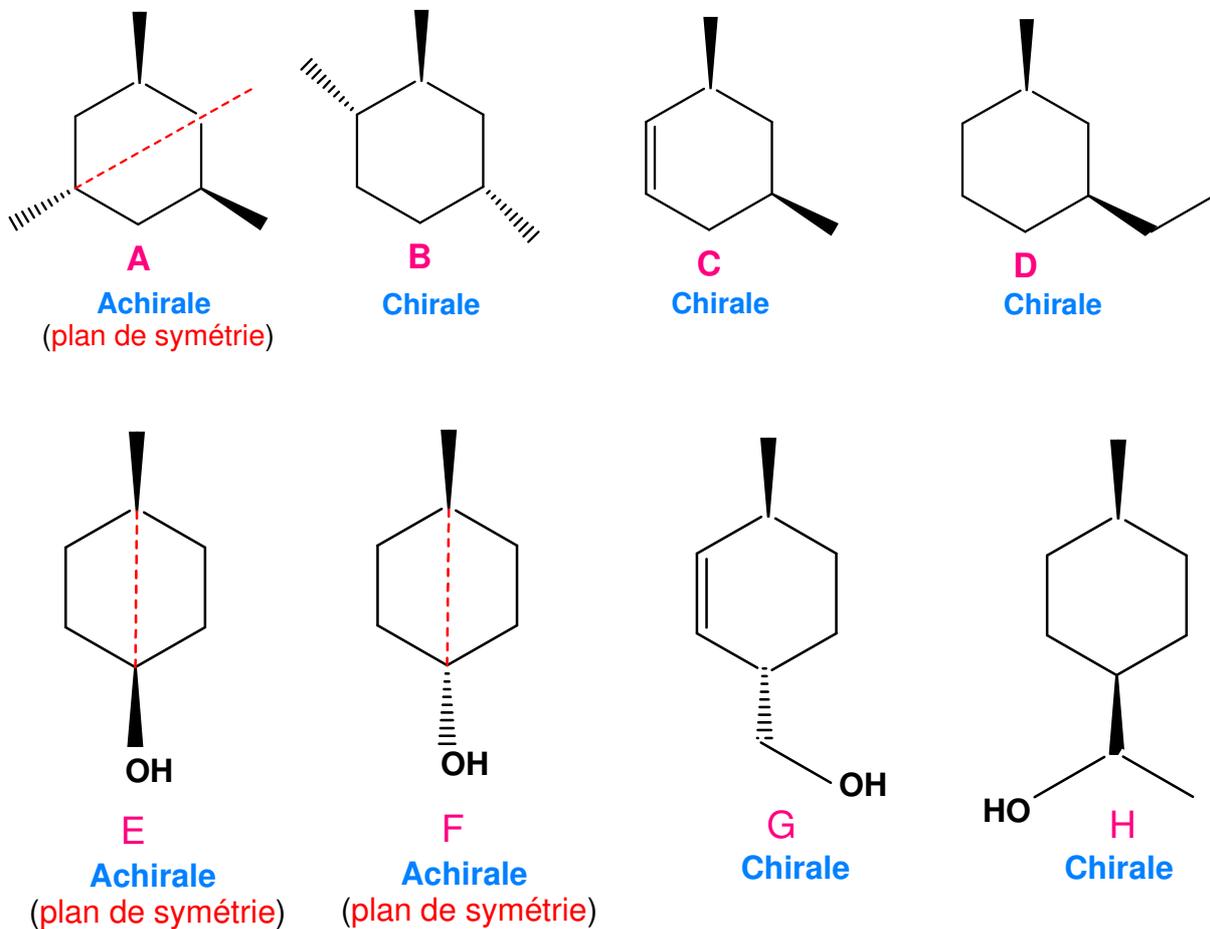
H devant

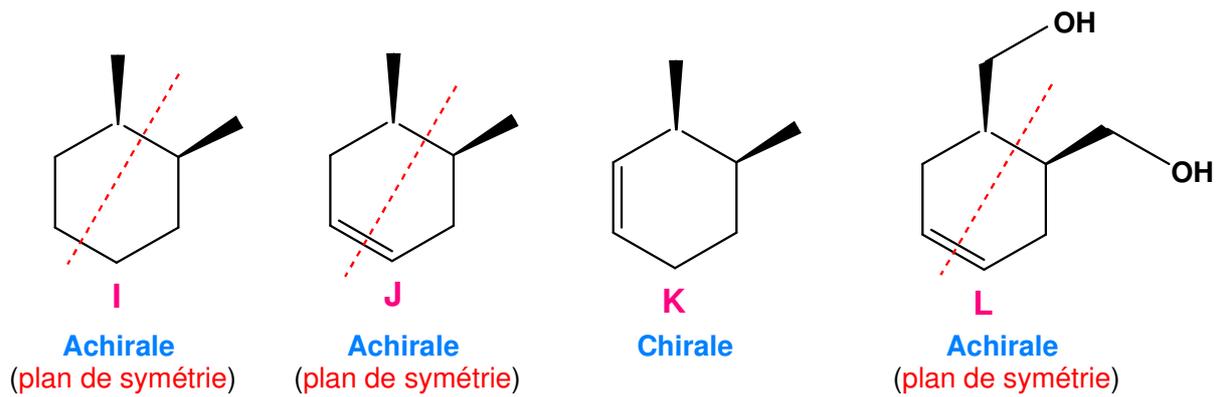
**Exercice n°3**

Configuration absolue : il y a 1 seul carbone asymétrique de configuration R ; son énantiomère a donc, la configuration S.

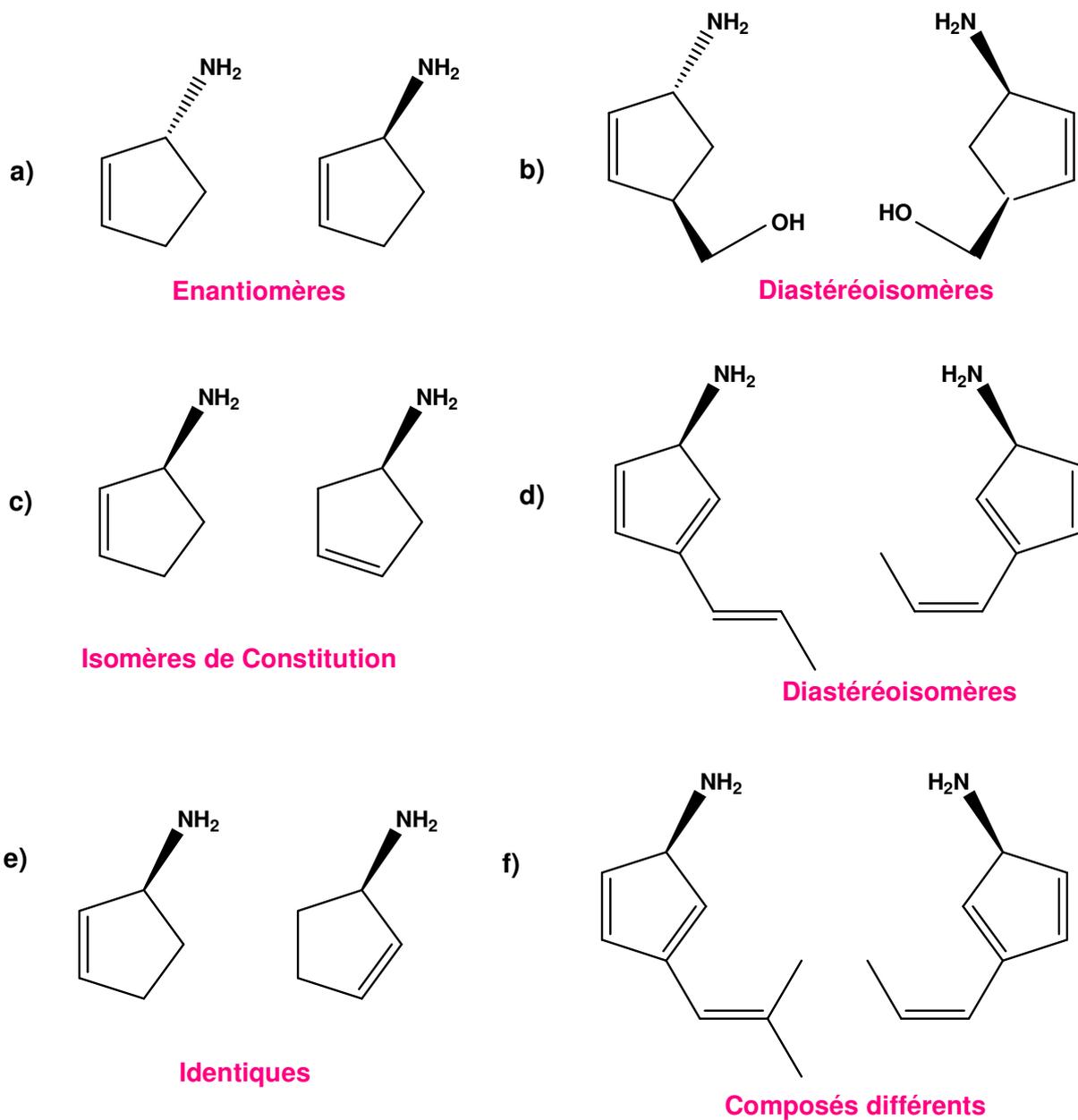


**Exercice n°4**

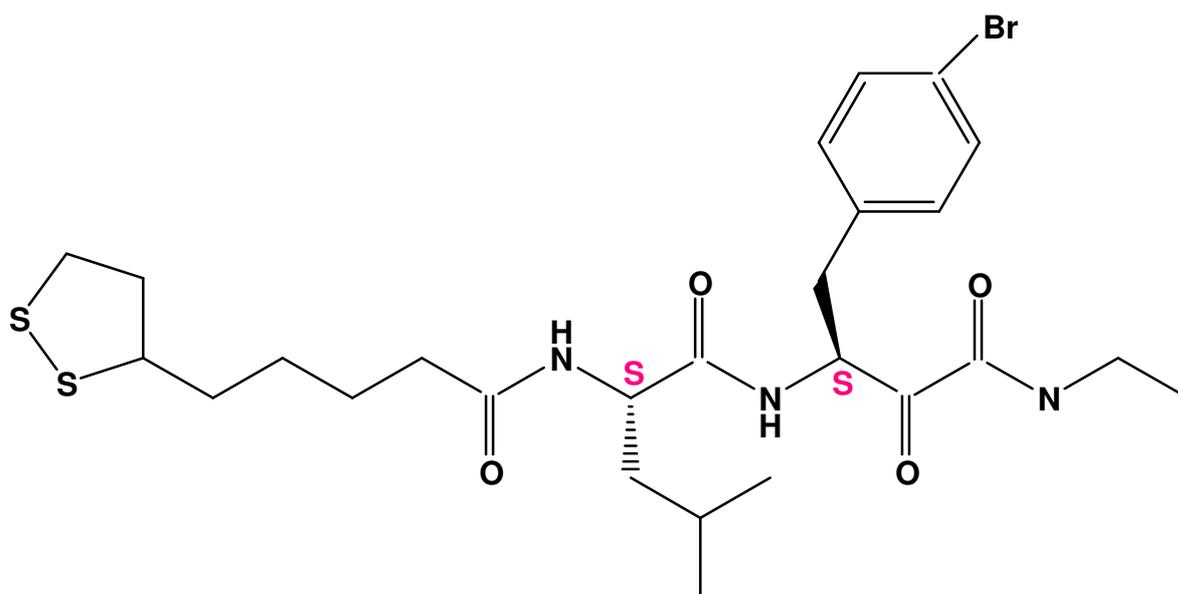
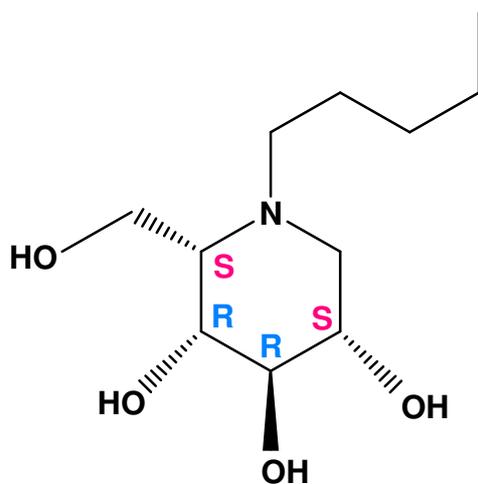




**Exercice n°5**



Exercice n°6



# Bon courage



## LIENS UTILES 🙌

### Visiter :

1. <https://biologie-maroc.com>

- Télécharger des cours, TD, TP et examens résolus (PDF Gratuit)

2. <https://biologie-maroc.com/shop/>

- Acheter des cahiers personnalisés + Lexiques et notions.
- Trouver des cadeaux et accessoires pour biologistes et géologues.
- Trouver des bourses et des écoles privées

3. <https://biologie-maroc.com/emploi/>

- Télécharger des exemples des CV, lettres de motivation, demandes de ...
- Trouver des offres d'emploi et de stage

