

TD N° 3 : Partie II / Chimie Organique

La nomenclature des molécules organiques

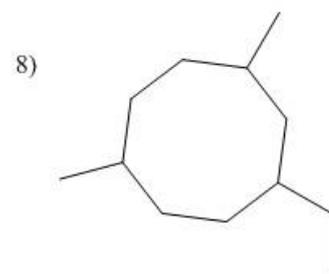
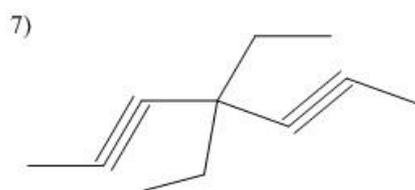
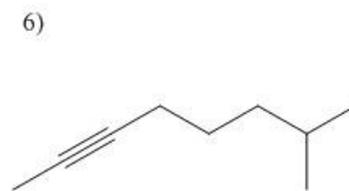
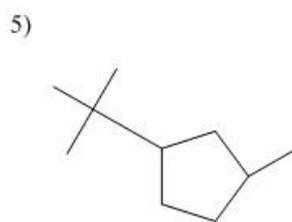
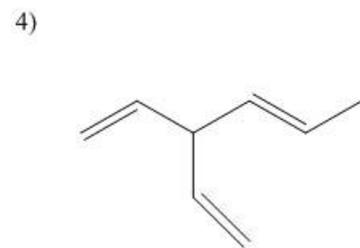
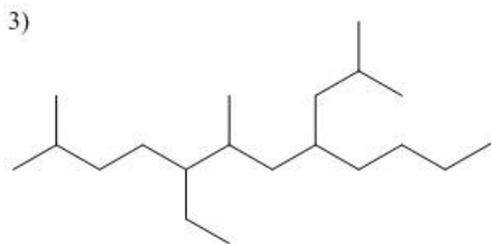
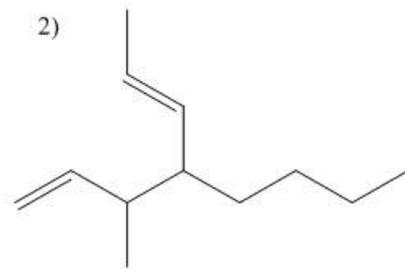
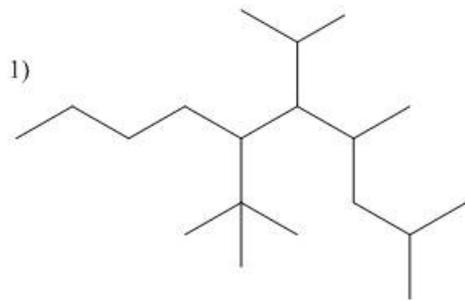
Exercice 1 :

Donner la formule topologique des molécules dont le nom est indiqué ci-dessous :

- 1) 2-méthylheptane
- 2) 4-butyl-3,4-dipropyldécane
- 3) 3-cyclobutyl-1-cyclopropyl pentane
- 4) 1,1,2-triméthylcyclopropane
- 5) 7-isopropyl-5-(1,2-diméthylpropyl)-3,6-diméthyldécane
- 6) 3-méthylpen-2-ène
- 7) 4-méthyl-5-vinyl nona-1,6-diène
- 8) 5-éthyl-2-méthylhept-3-yne
- 9) 3-éthyl hepta-1,6-diyne

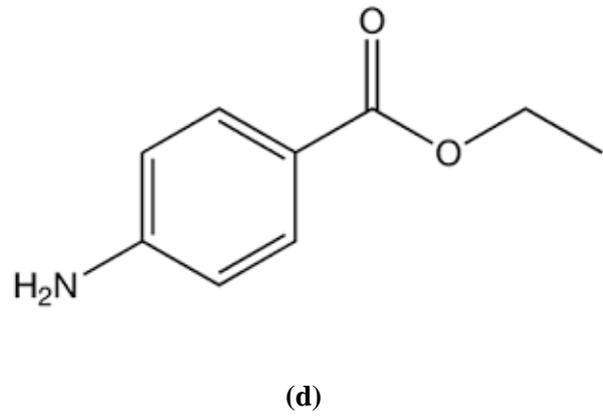
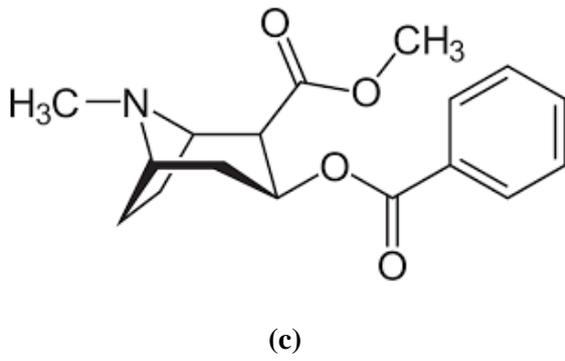
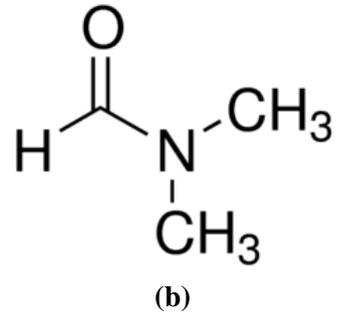
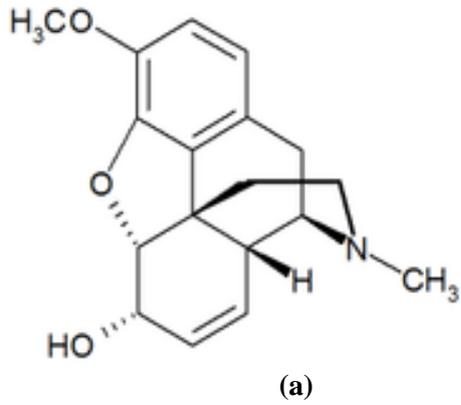
Exercice 2 :

Nommer les hydrocarbures suivants :



Exercice 3 :

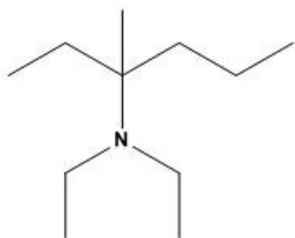
Identifiez les fonctions organiques dans les molécules suivantes :



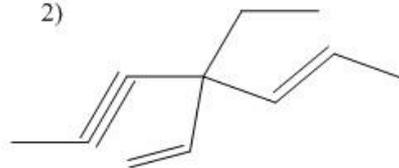
Exercice 4 :

Nommer les molécules suivantes :

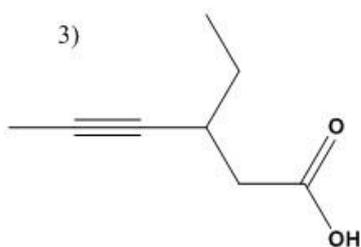
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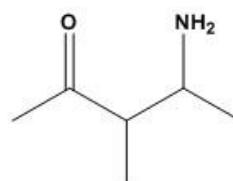
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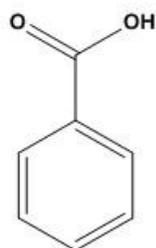
3)



4)



5)



6)

