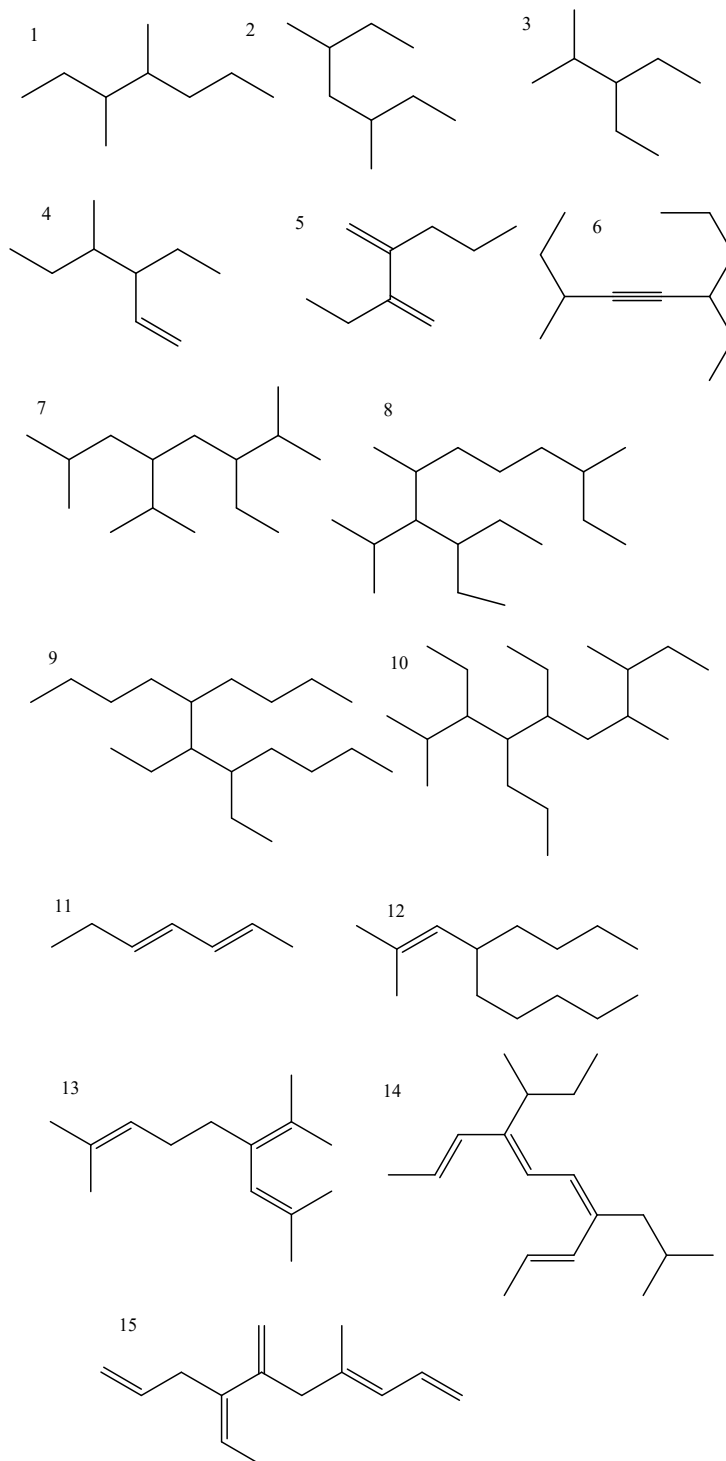


TD 02

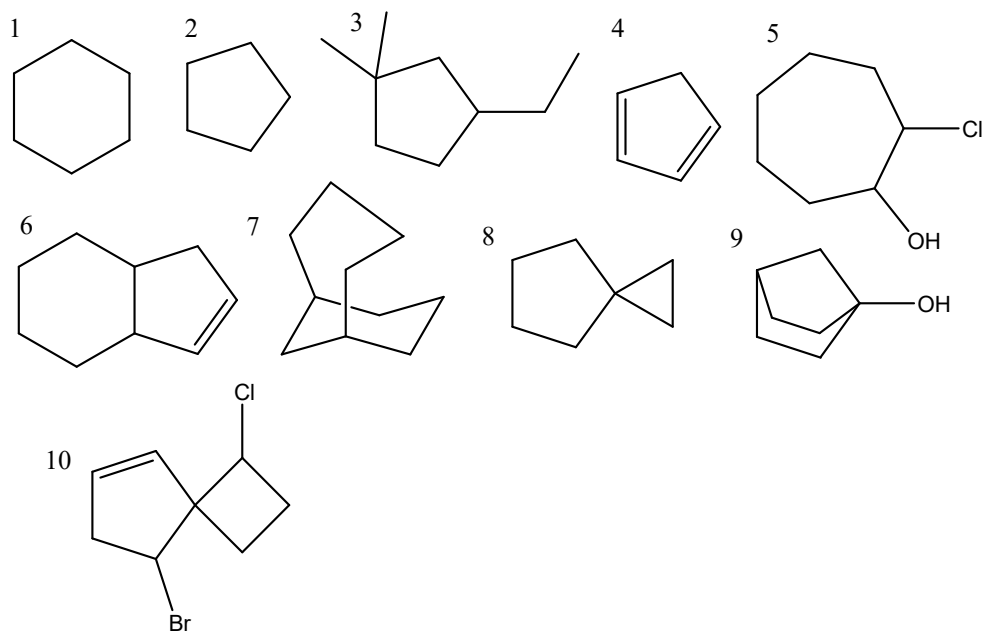
Exercice 1 :

Nommer les molécules ci-dessous :



Exercice 02 :

Donner les noms des composés cycliques suivants :

**Exercice 3 :**

Représenter la structure des composés suivants et rectifier le nom s'il y a lieu :

- 1- 4-éthyl-5-méthyl octane
- 2- 4-isopropyl-5-propyl octane
- 3- 4-éthyl-3,3-diméthyl heptane
- 4- 7-(1,2-diméthylheptyl)-5-éthyl tridécane
- 5- 6-(méthylbutyl)-8-(2-méthylbutyl) tridécane
- 6- 4-vinylhepta-1-èn-5-yne
- 7- 4-méthyl-5(1'méthyl prop-2-ényl) undéca-6,9-dièn-1-yne
- 8- 5-vinyl hepta-1, 3,6-triène
- 9- 3-propyl nonane
- 10- 2-fluoro-3-oxo butane
- 11- Benzoate du 4-hydroxy phényle
- 12- Méthyl pent-3-èn-2-one
- 13- 4-bromo-3,5-diméthoxyphénol
- 14- Pent-3-yn-2-ol
- 15- Cyclopent-1-en-3-ol
- 16- Benzyl vinyl cétone

- 17- N butyl propanamide
- 18- Acide-4-oxo butanoïque
- 19- Acide-2-bromo-3-isopropyl but-3-én oïque
- 20- Cyclohexane carboxylate de méthyle
- 21- Cyclopentane carboxamide
- 22- 2-méthoxy carbonyl cyclohexane carboxylate de vinyle
- 23- Spiro [4,5] déca-1,6-diène
- 24- Bicyclo [4,3,2] undéca-1,6-diène
- 25- 2-bromo bicyclo [6,2,0]

Corrigé TD 02

Exercice 1

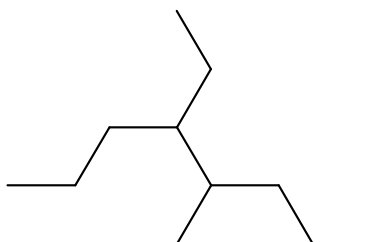
- 1- 3,4 -diméthyl heptane
- 2- 3,5 -diméthyl heptane
- 3- 3-éthyl 2-méthylpentane
- 4- 3-éthyl 4-méthyl hex-1-ène
- 5- 2,3- diéthyl but-1,3-diène
- 6- 6-éthyl 3-méthyl non-4-yne
- 7- 3-éthyl 5-isopropyl 2,7- diméthyl octane
- 8- 3- éthyl 4-isopropyl 5,9 -diméthyl undecane
- 9- Butyl 5 diethyl 6,7 undecane
- 10- 3,5-diethyl- 2,7,8 –triméthyl-4- propyl decane
- 11- Heta-2,4-diène
- 12- 4-butyl 2-méthyl non-2-ène
- 13- 2,8-diméthyl-4-isopropanylidène nona-2,7-diène
- 14- 4-isobutyl 7-(1'-méthyl propyl) deca-2,4,6,8-tétraène
- 15- 7-éthylidène 4-méthyl 6-méthylène deca-1,3,9-triène

Exercice 2 :

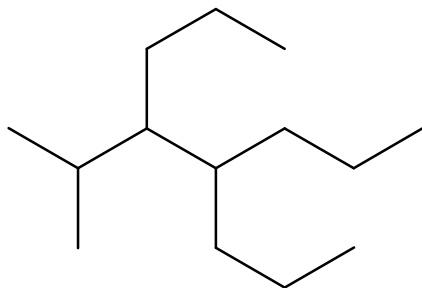
- 1- Cyclohexane
- 2- Cyclopentane
- 3- 1-éthyl 3,3-diméthyl cyclopentane
- 4- Cyclopent-1,3-diène
- 5- Cyclo 2-chloro heptanol
- 6- Bicyclo [4,3,0] dec-7-ène
- 7- Bicyclo [4,3,0] decane
- 8- Spiro [2,4] heptane
- 9- Bicyclo [2,2,1] heptanol
- 10- 1-chloro 8-bromo spiro [3,4] oct-5-ène

Exercice 3 :

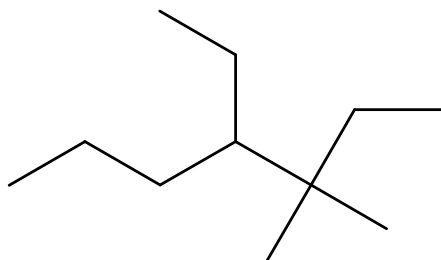
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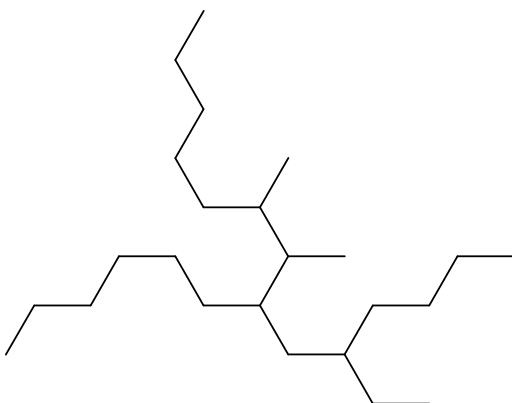
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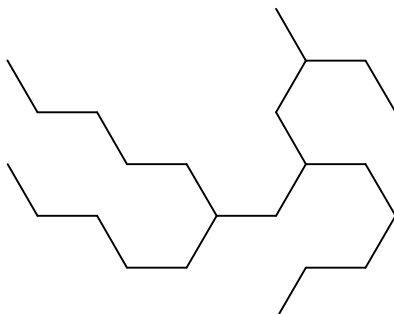
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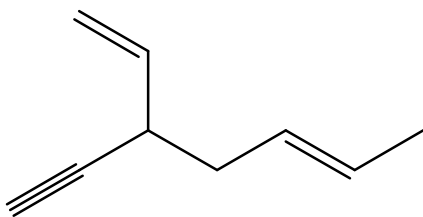
4- Correction : 5-éthyl 7-hexyl 8,9-diméthyl tétradecane



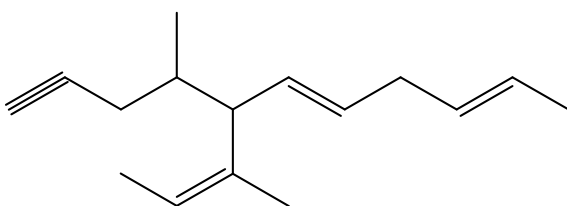
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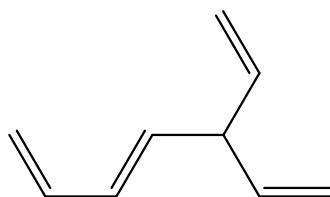
6- Correction : 3-vinylhept-5-en-1-yne



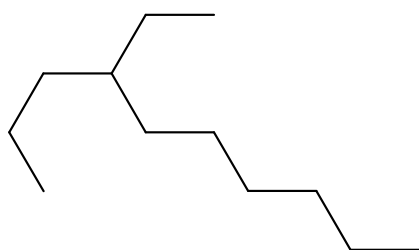
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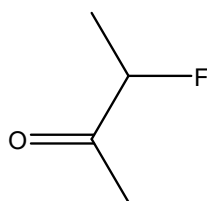
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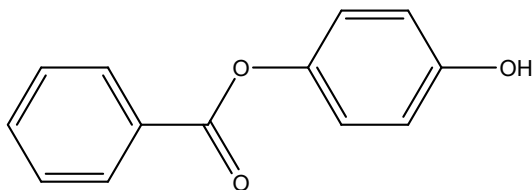
9- Correction : 4-ethyl decane



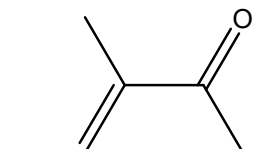
10- Correction : 3-fluor butan-2-one



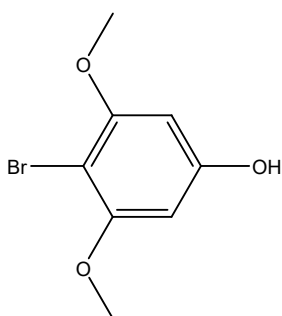
11- Correction : 4-hydroxy phényl benzoate



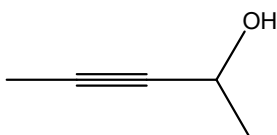
12- Correction : 3-methyl pent-3-en-2-one



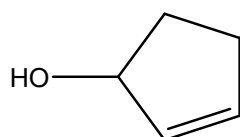
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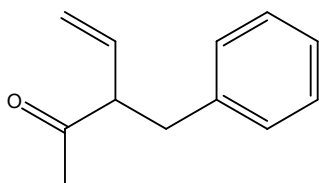
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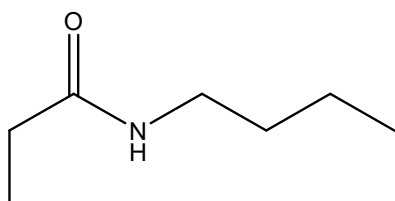
15- Correction : cyclopent-2-en-1-ol



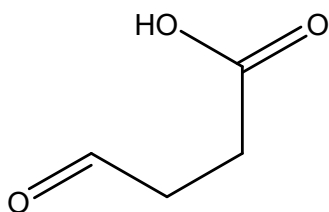
16- Correction : 3-benzyl pent-4-en-2-one



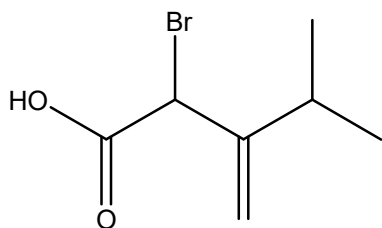
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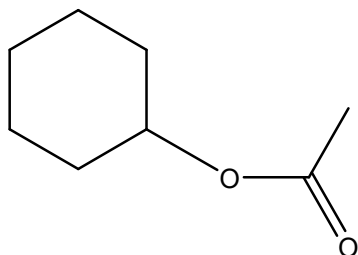
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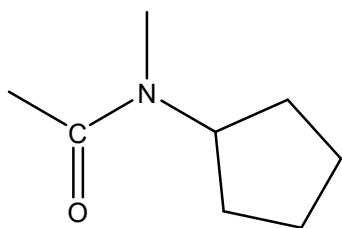
19- Correction : acide-2-bromo-4-méthyl-3-méthylène pentanoïque



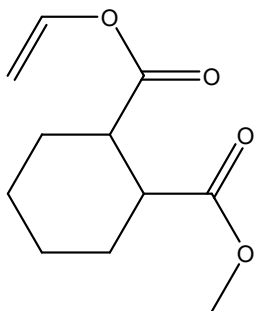
20- Correction: cyclohexyl acetate



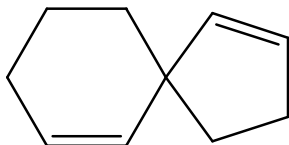
21- Correction: N-cyclopentyl-N-methylacetamide



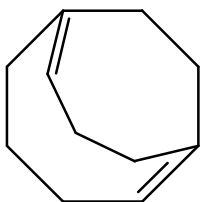
22- Correction: 1-methyl 2-vinyl cyclohexane-1,2-dicarboxylate



23-



24-



25-

