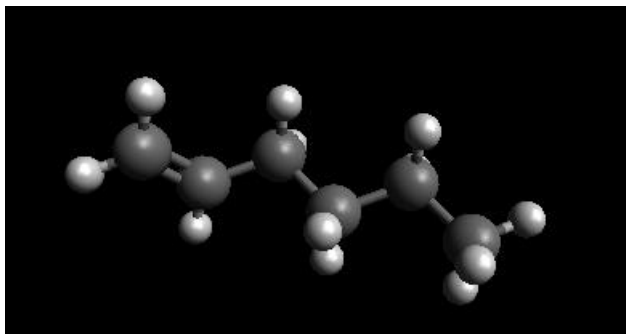


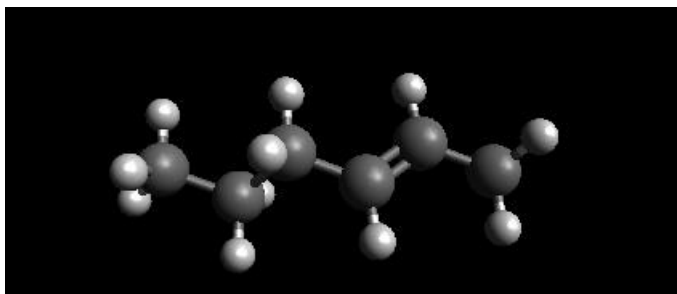
## Hexeno

Isômeros do hexeno desenhados:

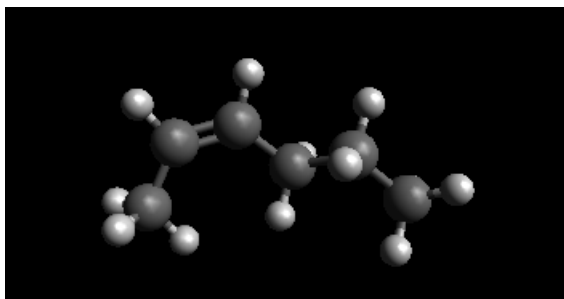
- 1-Hexeno



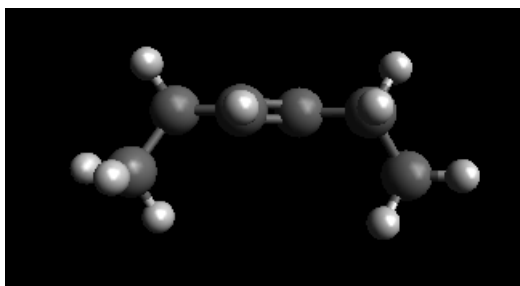
- (E)-2-Hexeno



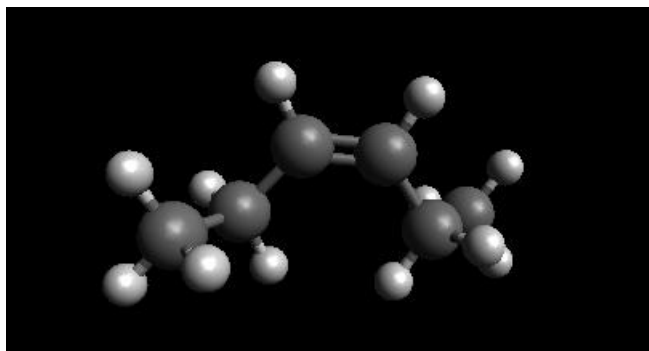
- (Z)-2-Hexeno



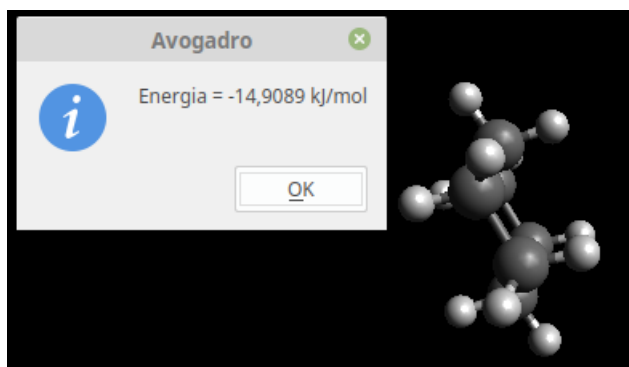
- (E)-3-Hexeno



- (Z)-2-Hexeno



Ciclo-Hexano

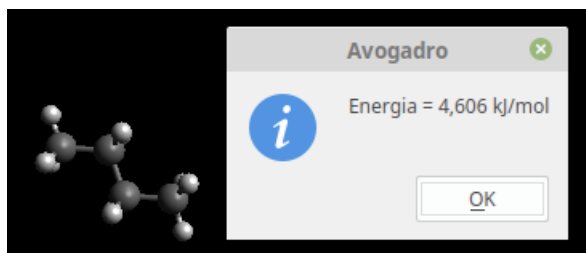


Comparar das energias :

Molécula	Energia (KJ/mol)
1-Hexeno	21,1004
(E)-2-Hexeno	14,9294
(Z)-2-Hexeno	22,0311
(E)-3-Hexeno	11,1267
(Z)-3-Hexeno	16,7911
Ciclo-hexano	-14,909

B)

Butano:

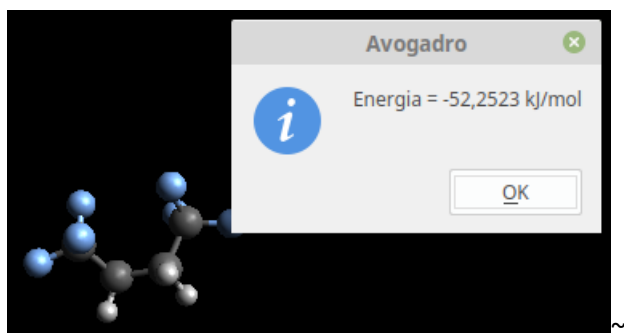


#### E N E R G Y

TOTAL BOND STRETCHING ENERGY = 0.148 kJ/mol  
TOTAL ANGLE BENDING ENERGY = 0.438 kJ/mol  
TOTAL TORSIONAL ENERGY = 0.029 kJ/mol  
TOTAL IMPROPER-TORSIONAL ENERGY = 0.000 kJ/mol  
TOTAL VAN DER WAALS ENERGY = 2.396 kJ/mol  
TOTAL ELECTROSTATIC ENERGY = 1.594 kJ/mol

TOTAL ENERGY = 4.606 kJ/mol

Hexafluorobutano:



#### E N E R G Y

TOTAL BOND STRETCHING ENERGY = 0.692 kJ/mol  
TOTAL ANGLE BENDING ENERGY = 7.053 kJ/mol  
TOTAL TORSIONAL ENERGY = 1.779 kJ/mol  
TOTAL IMPROPER-TORSIONAL ENERGY = 0.000 kJ/mol  
TOTAL VAN DER WAALS ENERGY = 8.367 kJ/mol  
TOTAL ELECTROSTATIC ENERGY = -70.142 kJ/mol

TOTAL ENERGY = -52.252 kJ/mol