

PROJETO CRTA

Material Didático-pedagógico de Química

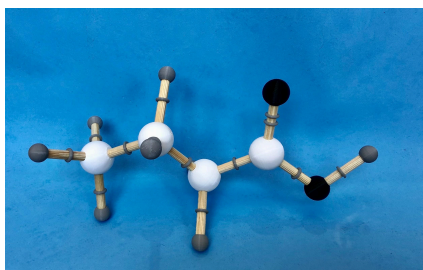
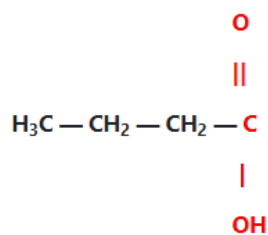
Descrição do material:

- esferas maiores = átomos de Carbono
- esferas médias = átomos de Oxigênio
- esferas menores = átomos de Hidrogênio
- peça de madeira com uma argola = ligação simples
- peça de madeira com 2 argolas = ligação dupla

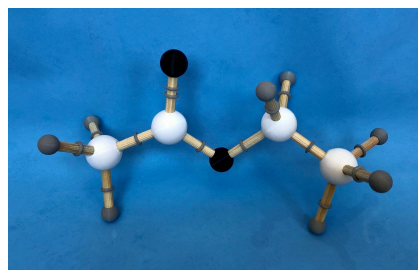
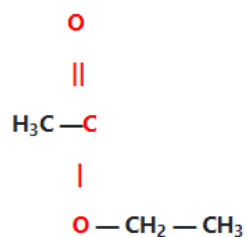
Conteúdo: Isomeria

1. Isômeros de função:

Ácido butanoico:

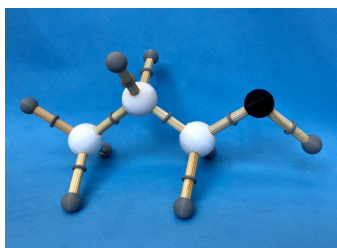
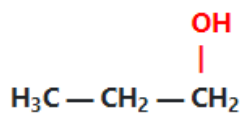


Etanoato de etila:

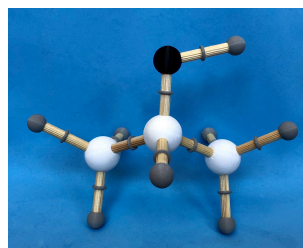
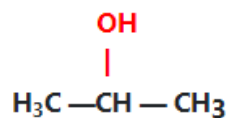


2. Isômeros de posição:

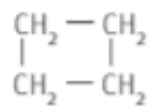
Propan-1-ol



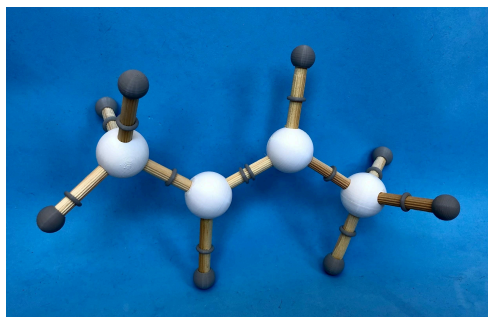
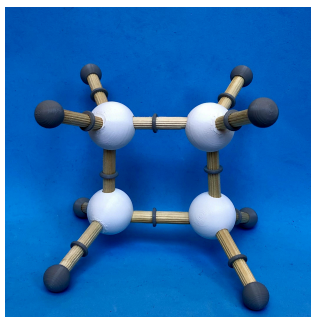
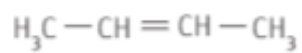
Propan-2-ol



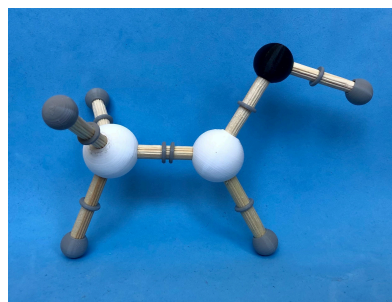
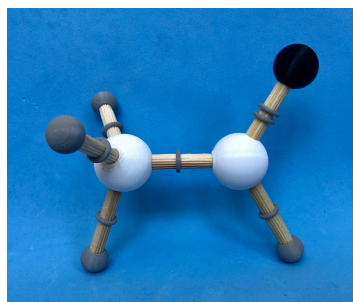
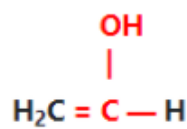
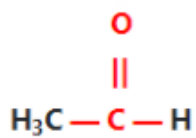
3. Isômeros de cadeia:



e



4. Isômeros de dinâmica ou tautomeria:



5. Isomeria geométrica ou cis-trans:

