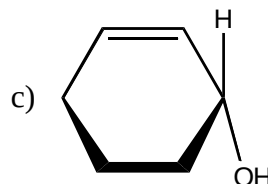
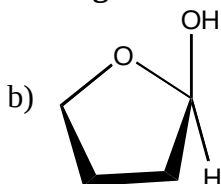
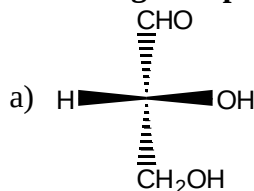


Disciplina: QF0341 - Estrutura e Propriedades de Compostos Orgânicos
Lista de exercícios Estereoquímica

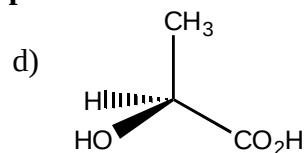
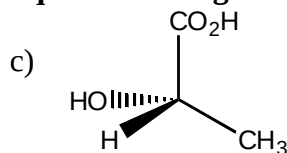
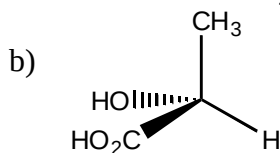
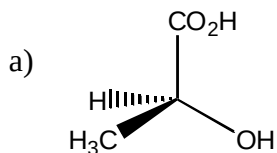
1. Quais compostos abaixo contém estereocentros ?

a) 2-cloropentano; b) 3-cloropentano; 3-cloro-1-penteno; d) 1,2-dicloropropano.

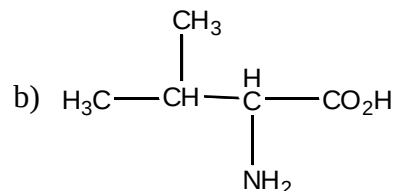
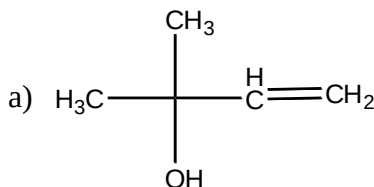
2. Desenhe a imagem especular para as seguintes moléculas:



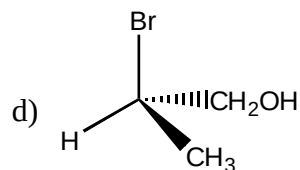
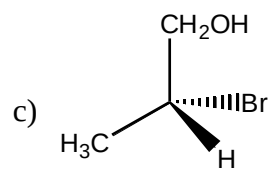
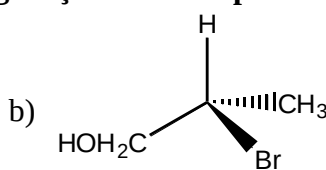
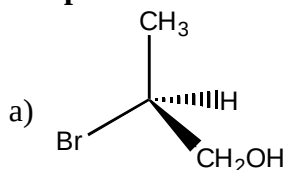
3. As estruturas abaixo são 4 representações tridimensionais do ácido láctico. Quais das estruturas são idênticas à estrutura a) e quais são imagens especulares desta.



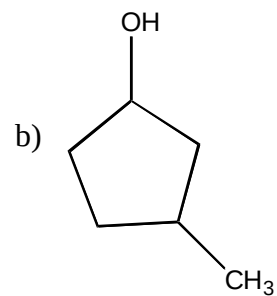
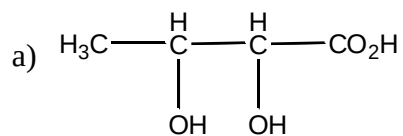
4. Marque cada estereocentro nas moléculas abaixo com um asterisco.



5. Apresente as configurações dos compostos abaixo.



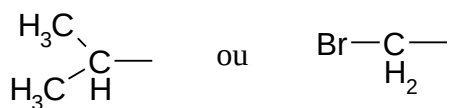
6. Marque cada estereocentro nas moléculas abaixo com um asterisco. Quantos estereoisômeros são possíveis para cada molécula ?



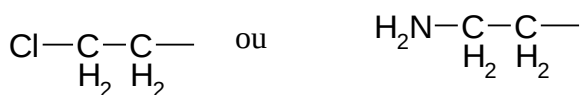
7. Quais, dentre os substituintes dos pares abaixo, têm maior prioridade.

a) Cl ou HOCH₂

b)



c)



8. Demonstre que ambos compostos possuem a configuração R.

