

Today

Review for Exam 4

How many structural isomers does C_3H_8 have?

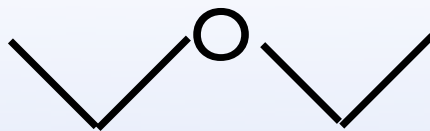
A. 1 ←

B. 2

C. 3

D. 4

E. 5



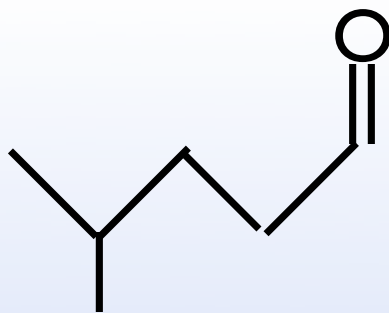
name this molecule

A. 3-oxy-butane

B. ethyl-3-ethylther

C. diethyl ether ←

D. pentan-3-one



name this molecule

- A. 2 methyl pentanal
- B. 4 methylpentanal ←
- C. 1,1 dimethyl butanone
- D. 4 methyl pentan-1-one

Amide bond is formed by the reaction of

- A. a carboxylic acid and an alcohol
- B. a primary amine and an alcohol
- C. a primary amine and a carboxylic acid ←
- D. an alcohol and an another alcohol
- E. and ester and an alcohol

In a polysaccharide what functional group links the sugars?

A. an ether ←

B. an alcohol

C. a secondary amine

D. an ester

E. a primary amine

Which fatty acids are solids at room temperature?

A. saturated ←

B. unsaturated

C. bis-saturated

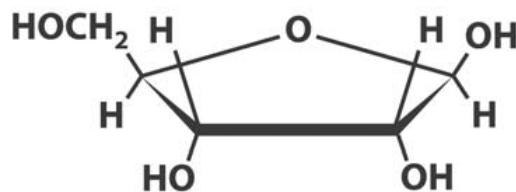
D. deoxy-saturated

Structurally what is different between RNA and DNA

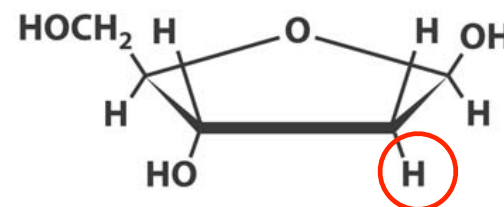
A. the phosphate

B. the sugar ←

C. the base



20 Ribose, $C_5H_{10}O_5$



21 Deoxyribose, $C_5H_{10}O_4$