

RELATED PROBLEM

Q1)

α -D-glucose and β -D-glucose are examples of:

A enantiomers

B tautomers

C anomers

D epimers

SOLUTION

Correct option is C)

α -D-glucose and β -D-glucose is example of anomers

An Anomer of a saccharide only differs in its structure at the anomeric carbon. Anomeric carbon being the functional group of the carbohydrate, which is usually the carboxyl group attached to it.

Epimeres, differ at only one chiral center, not the anomeric carbon.