

1. Draw the Haworth projection of α -D-glucose. Number the carbons.

2. For the reaction $A \rightarrow B$, $\Delta G = \Delta G^\circ = -5$ kcal/mole at 310 K.

Check all that apply to $A \rightarrow B$:

unfavorable

favorable

spontaneous

non-spontaneous

$[B]_{eq} < [A]_{eq}$

$[B]_{eq} > [A]_{eq}$

$[B] < [A]$

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