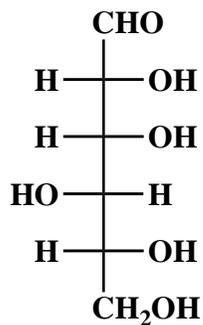


Quiz #3

1. Draw the most stable conformation of the β -anomer of the pyranose hemiacetal of D-(-)-gulose. Denote all 1,3-diaxial interactions clearly.



2. Draw the specific reagents necessary to effect the transformation shown. Be certain to distinguish individual steps clearly, and draw all stable synthetic intermediate compounds. (N.B. Do **not** draw mechanisms.) Explain clearly why the final product is racemic.

