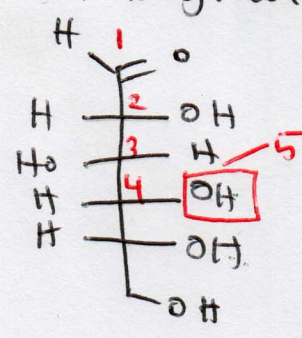


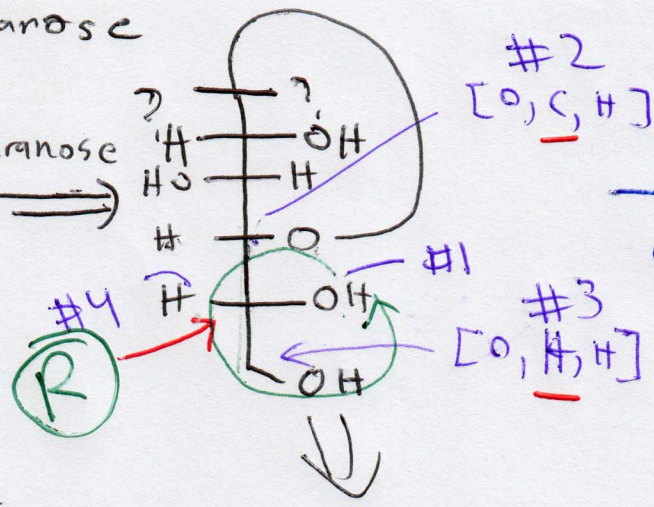
5/18/12

Sucrose: 2-O-(α -D-glucopyranosyl)- β -D-fructofuranoside

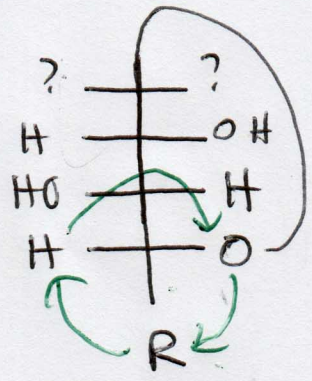
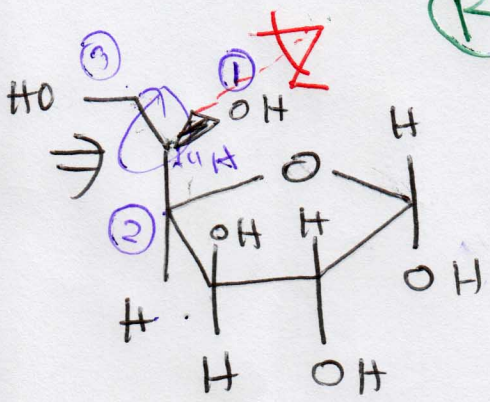
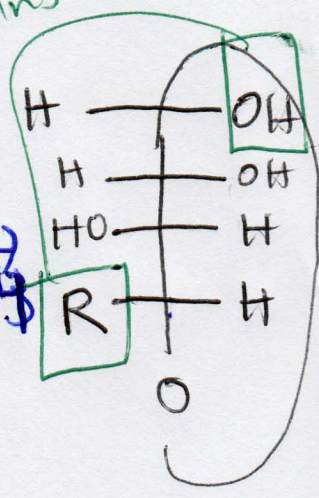
α -D-glucofuranose



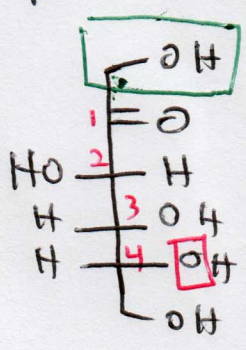
furanose



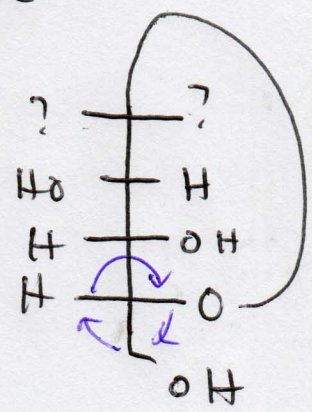
rotate
Carbon #4



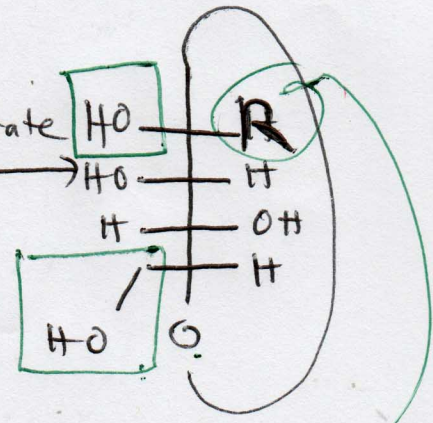
β -D-fructofuranose



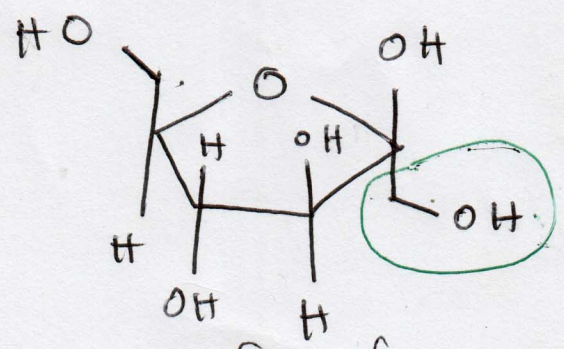
ring



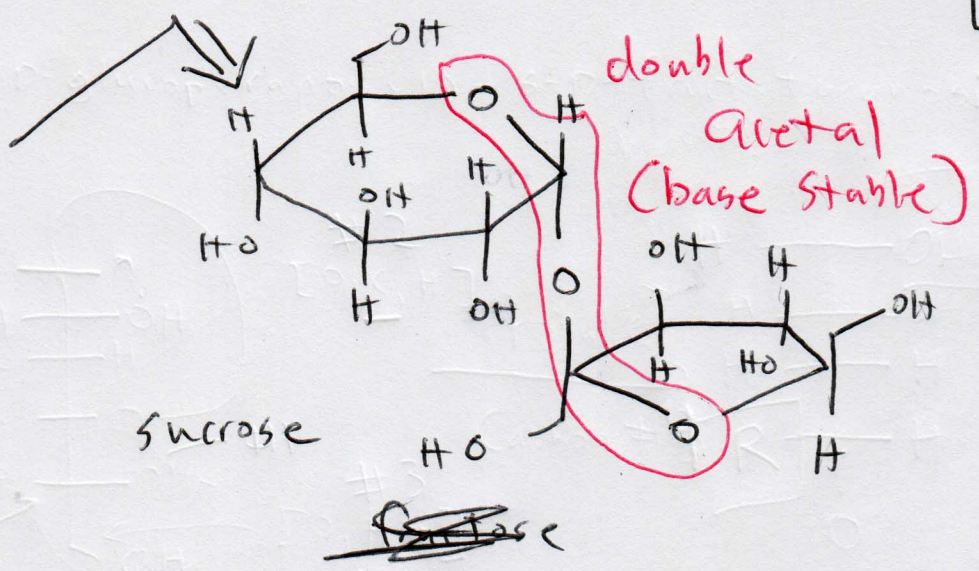
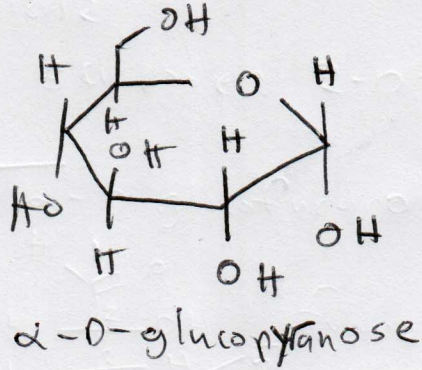
rotate



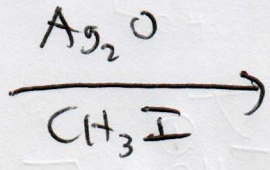
β -D-fructose



β -D-fructofuranose



exhaustive alkylation



(excess)

