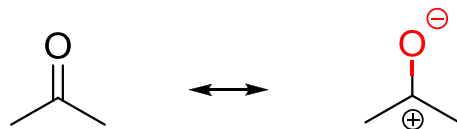
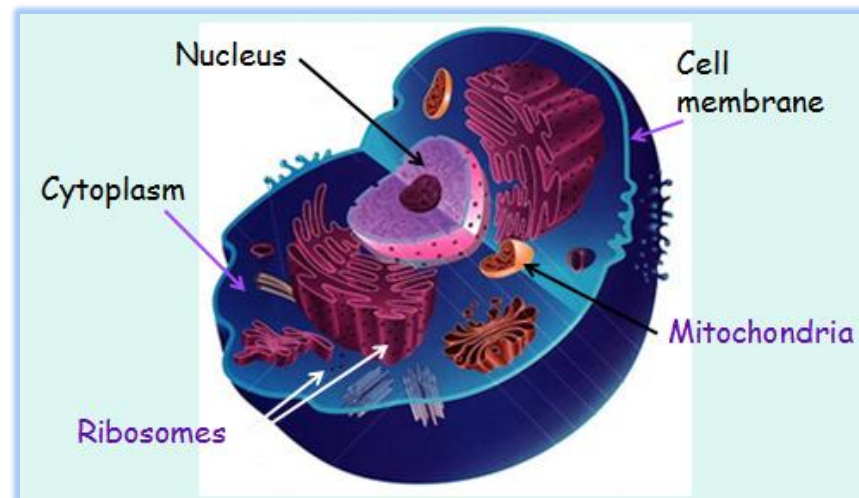
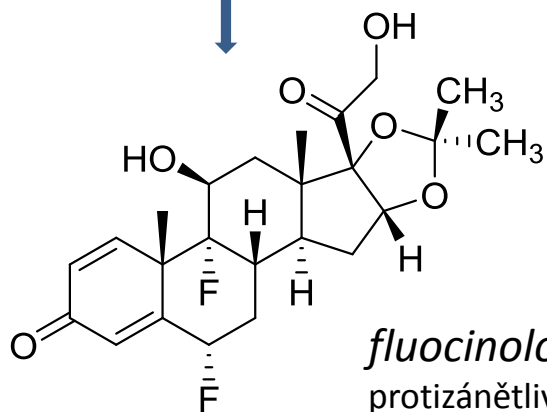
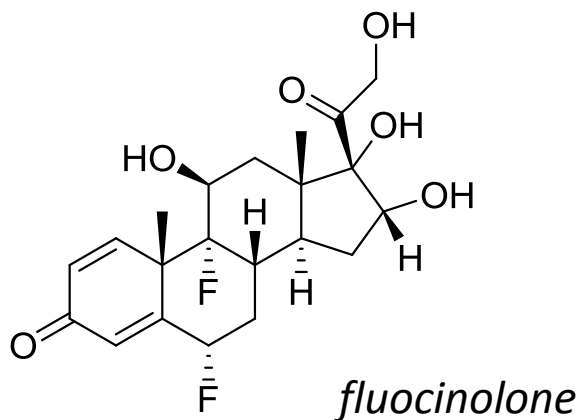


3. Aldehydy a ketony





- maskování (příliš) polárních skupin v léčivech: “prodrugs”
- kompenzace příliš hydrofilních částí molekuly - lepší schopnost projít buněčnou membránou

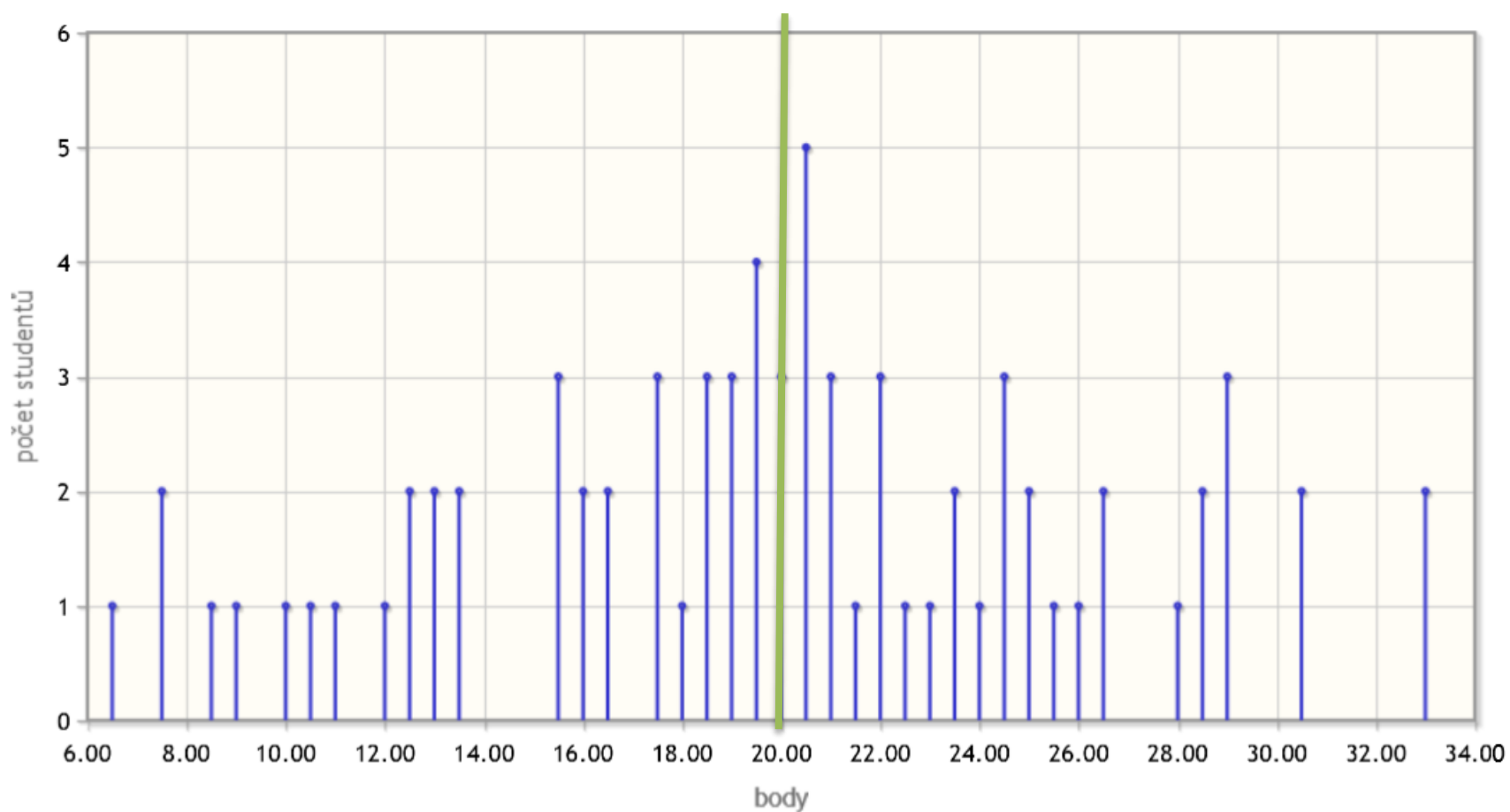


1. Průběžný test

[medián = 20 bodů]

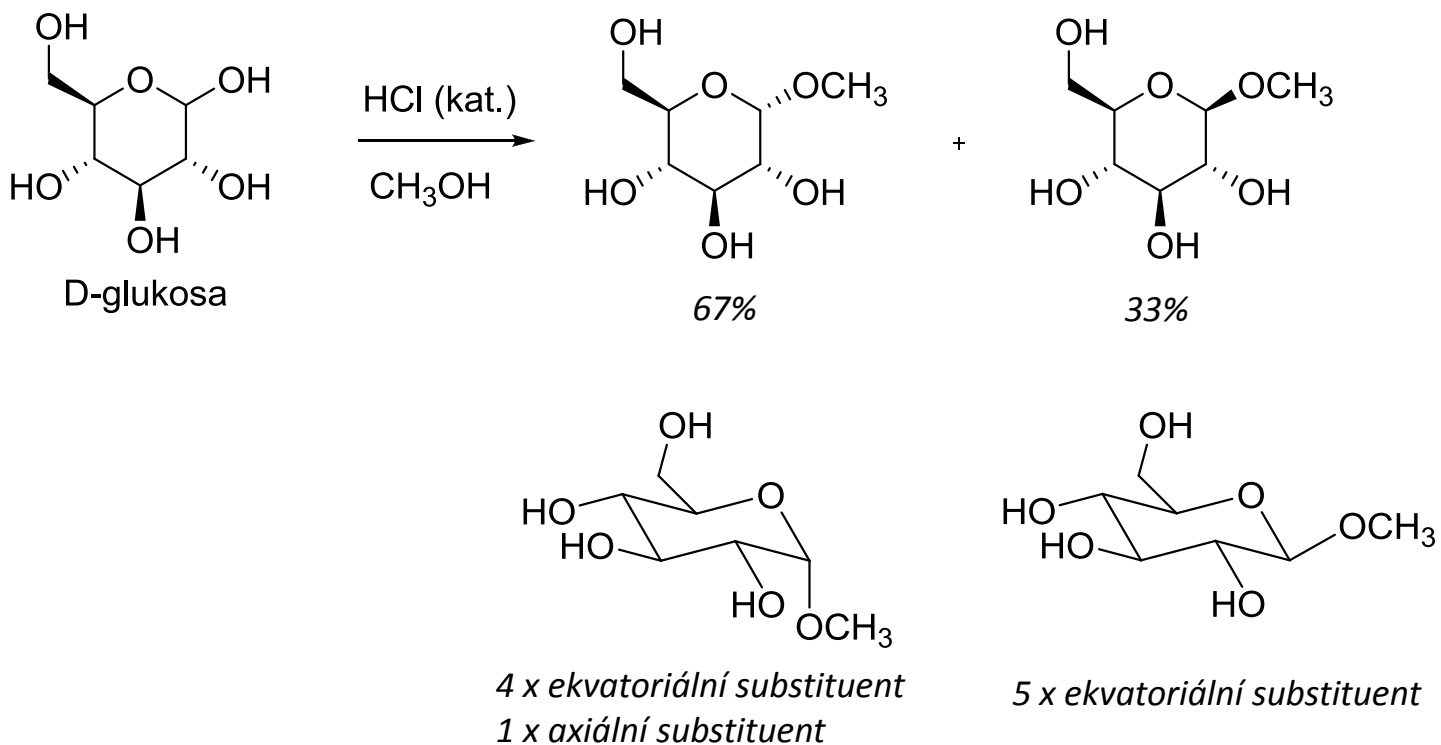
C3050 Organická chemie II

1. průběžný test (12. 10. 2016) C3050 (82 stud.)





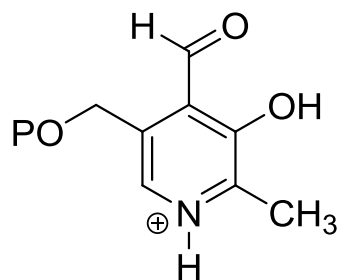
▪ Anomerní efekt



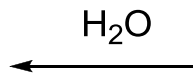
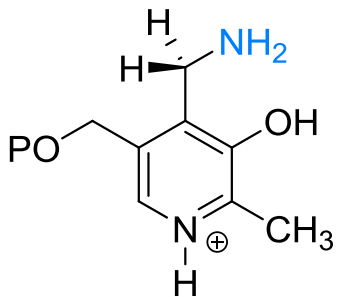
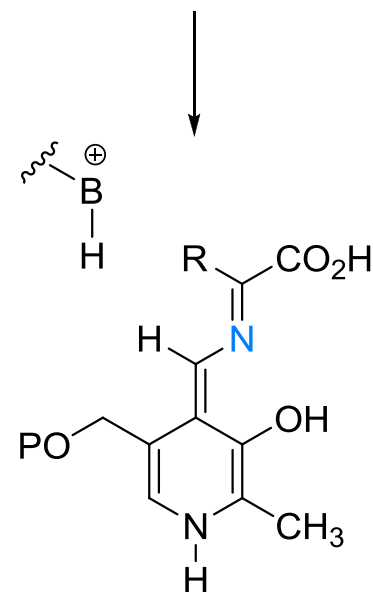
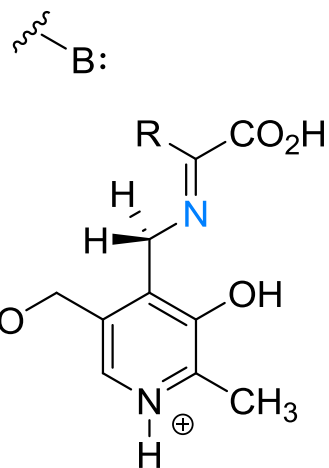
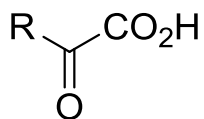
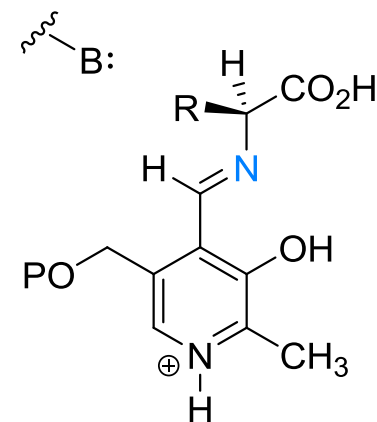
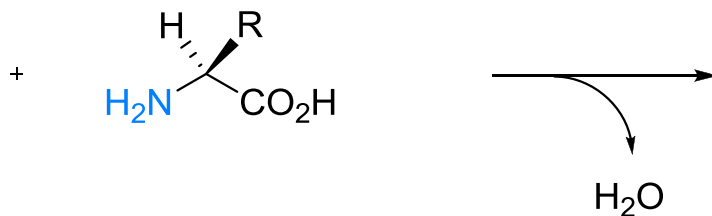
stabilnější ?

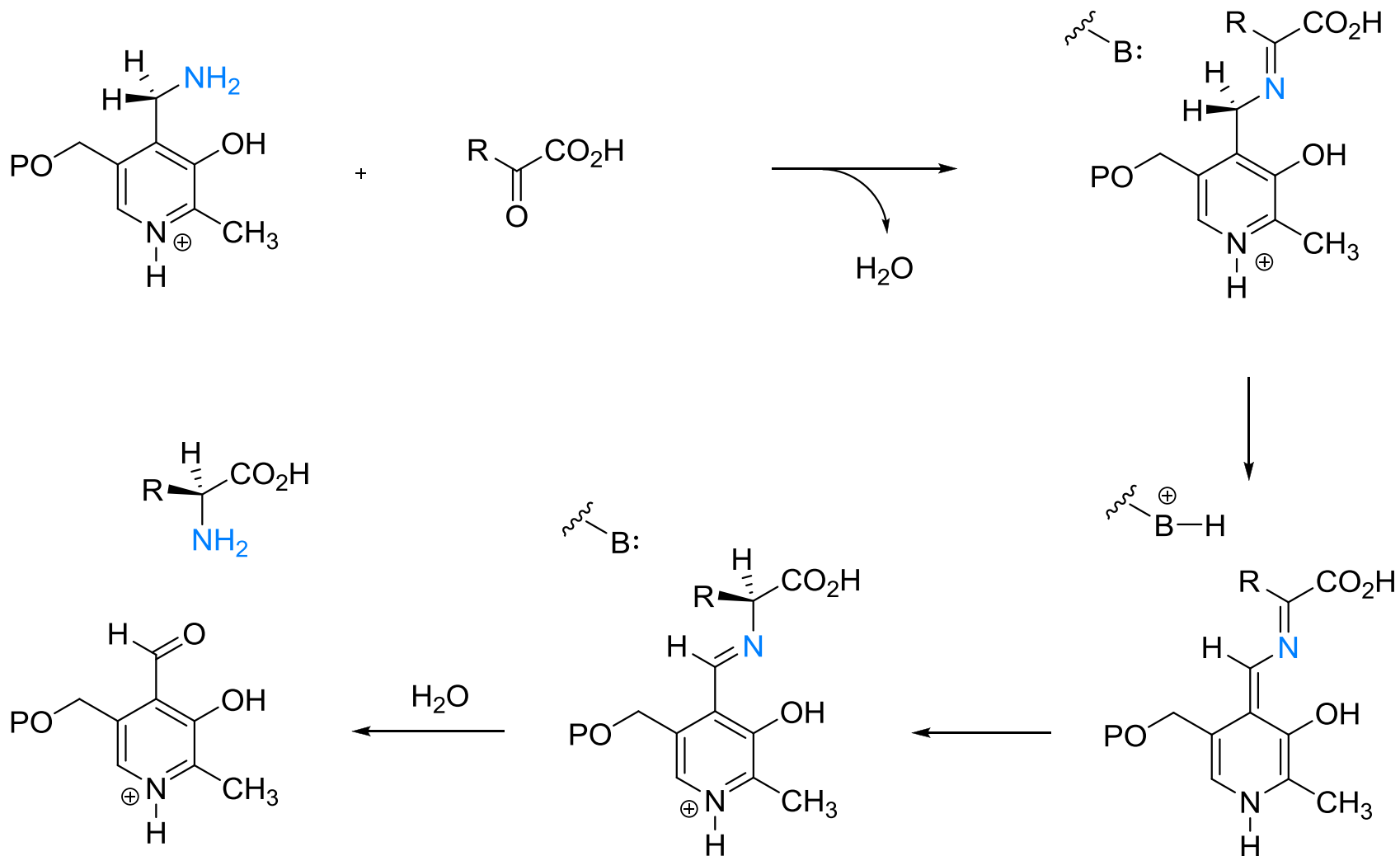
Konformační analýza substituovaného cyklohexanu nesouhlasí s experimentálním pozorováním

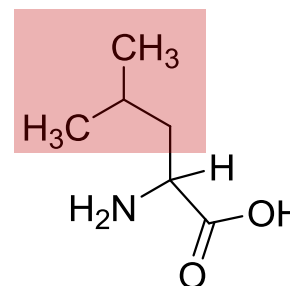
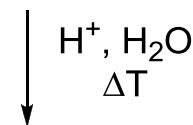
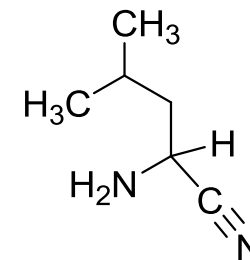
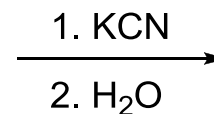
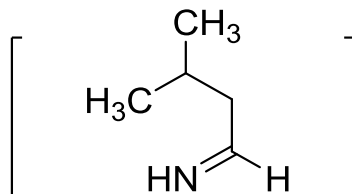
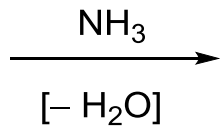
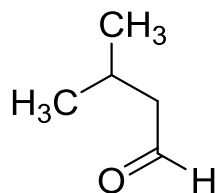
Jiný než pouze sterický efekt ?



Pyridoxal-5- fosfát
(‘vitamin B6’)

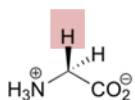
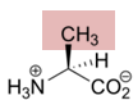
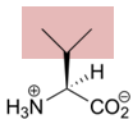
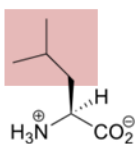
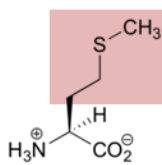
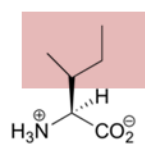




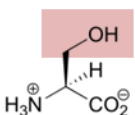
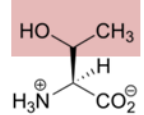
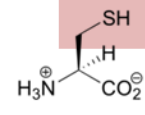
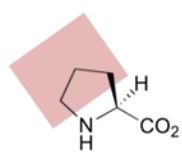
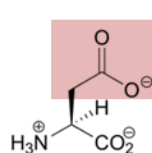
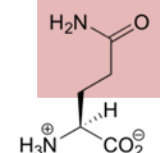


Leucin

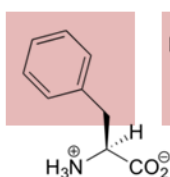
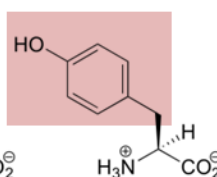
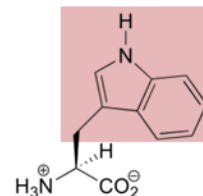
Nonpolar, aliphatic side groups

Glycine
Gly, GAlanine
Ala, AValine
Val, VLeucine
Leu, LMethionine
Met, MIsoleucine
Ile, I

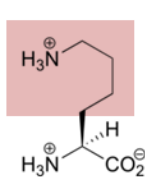
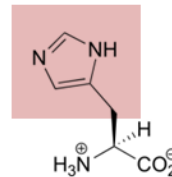
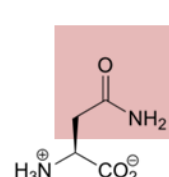
Polar, uncharged side groups

Serine
Ser, SThreonine
Thr, TCysteine
Cys, CProline
Pro, PAspartate
Asp, DGlutamine
Gln, Q

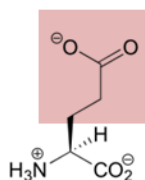
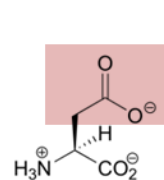
Aromatic side groups

Phenylalanine
Phe, FTyrosine
Tyr, YTryptophan
Trp, W

Positively charged side groups

Lysine
Lys, KHistidine
His, HAsparagine
Asn, N

Negatively charged side groups

Glutamate
Glu, EAspartate
Asp, D