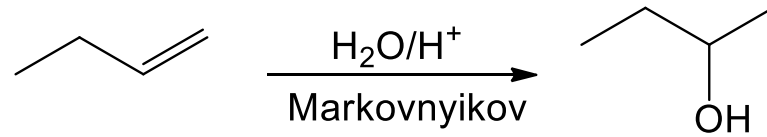
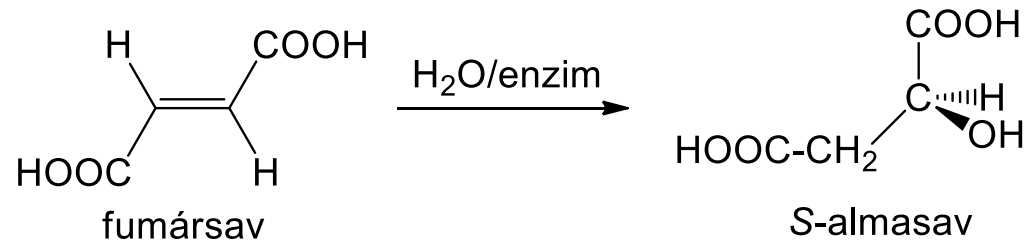


Szelektivitás kémiai reakciókban

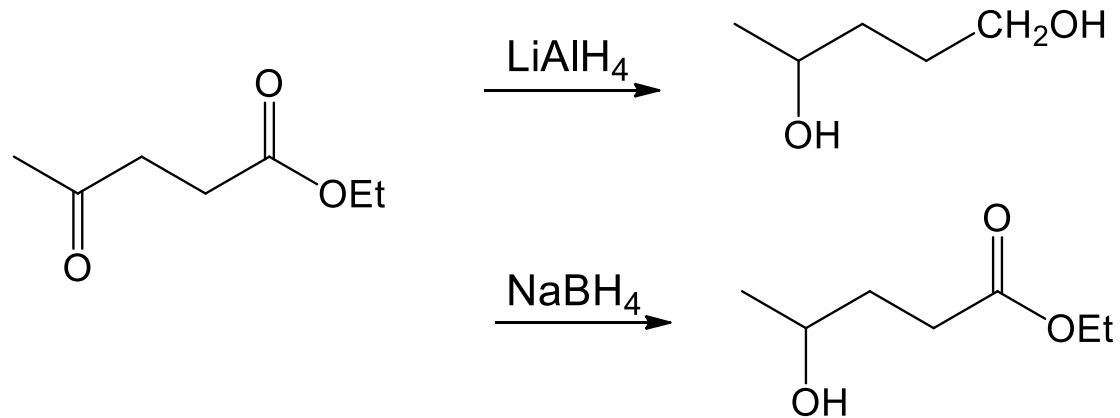
Regioszelektivitás



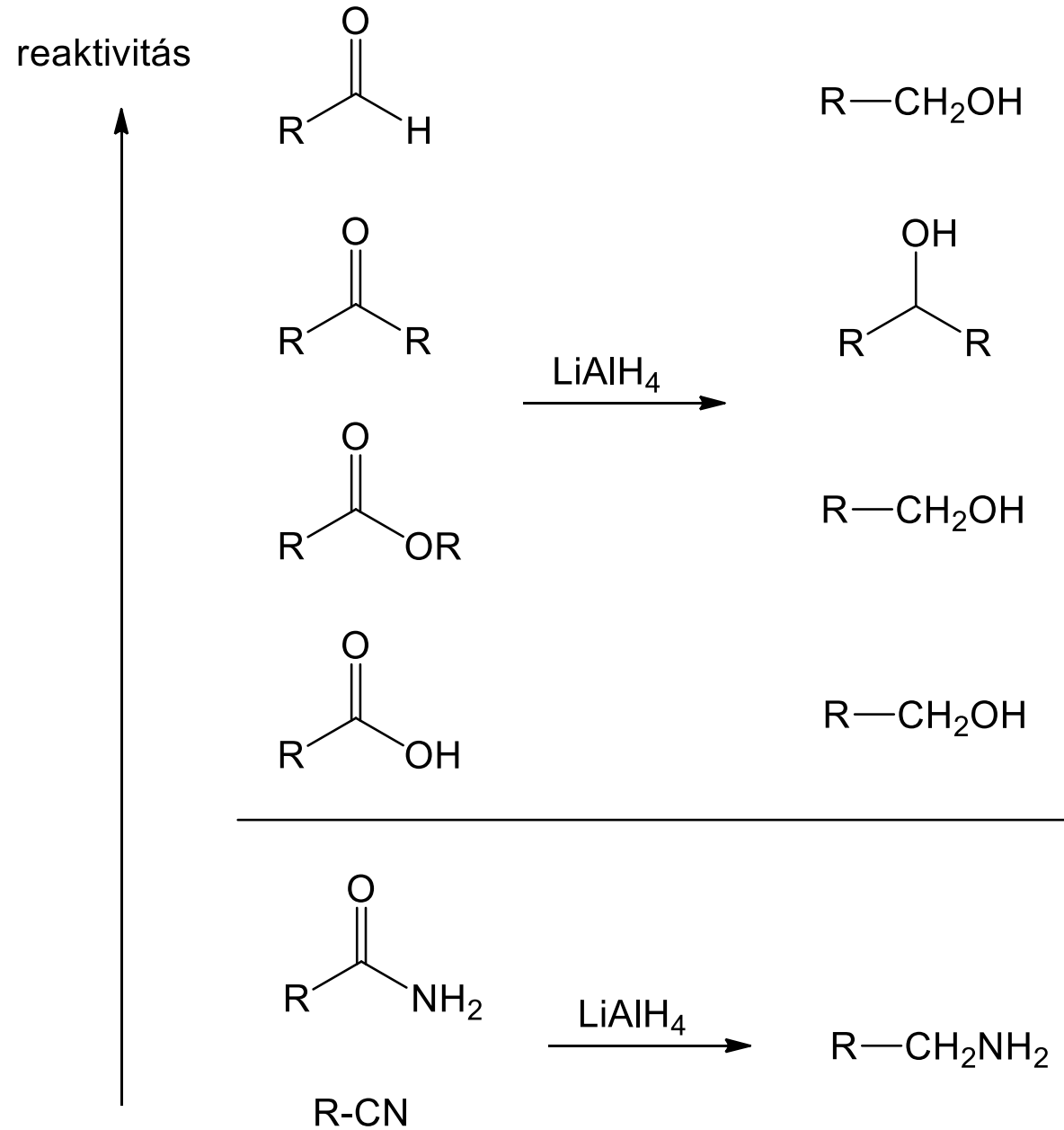
Sztereoselektivitás



Kemoszelektivitás

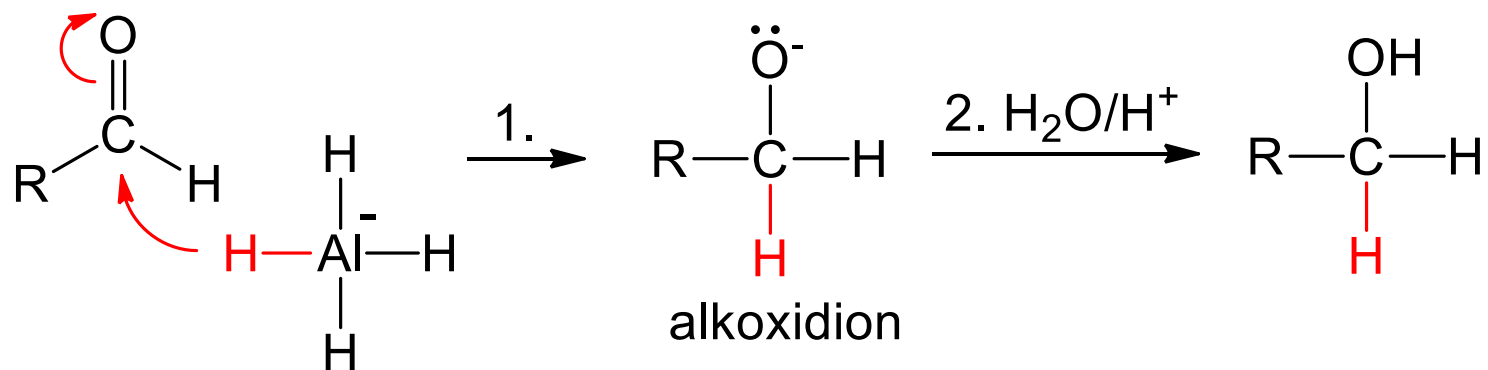


Oxovegyületek és karbonsavszármazékok szelektív redukciója

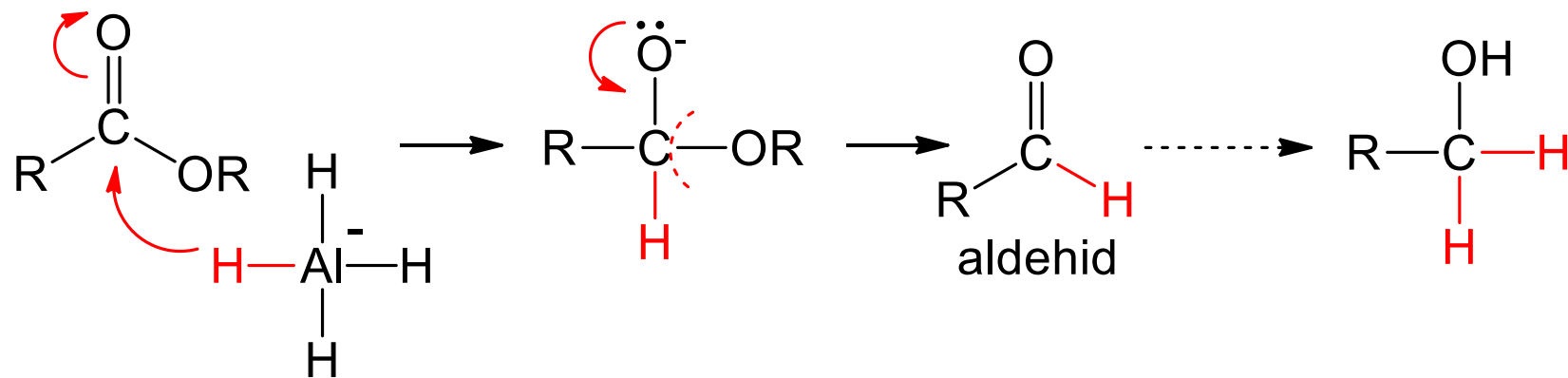


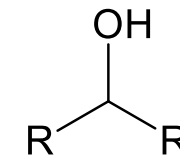
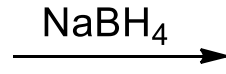
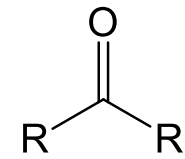
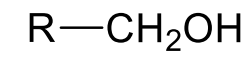
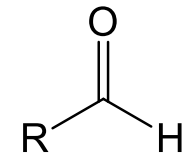
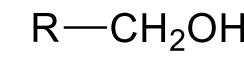
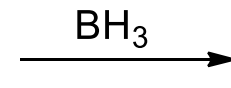
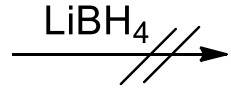
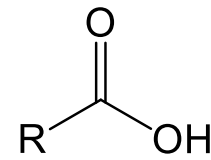
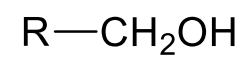
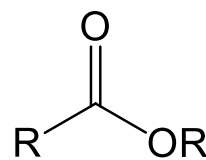
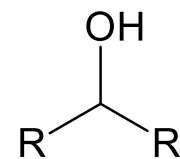
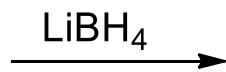
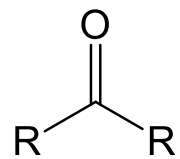
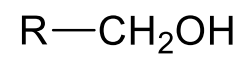
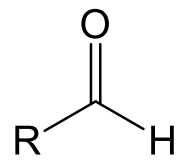
Mechanizmus

oxovegyület redukciója

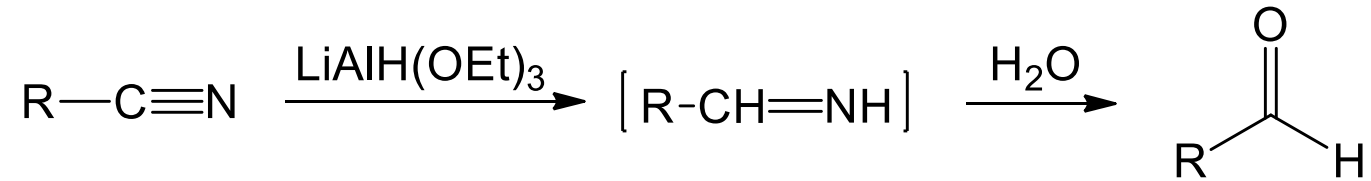
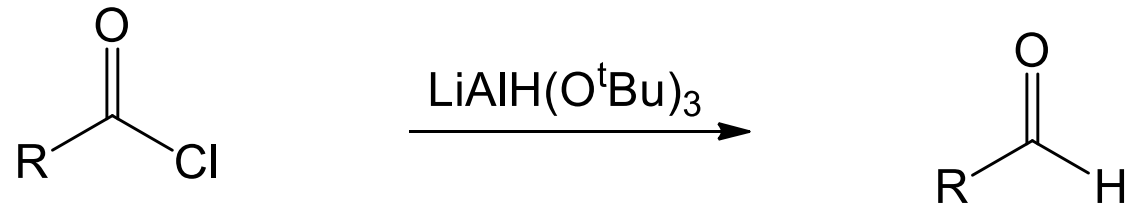
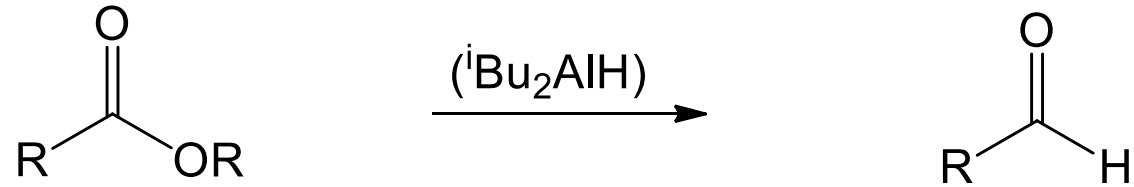


észter redukciója

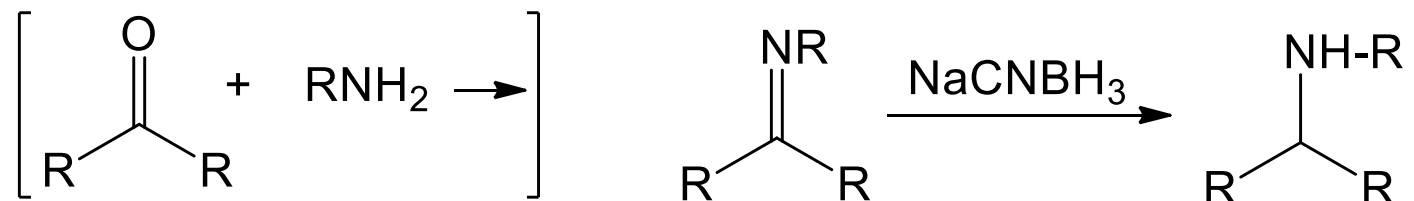




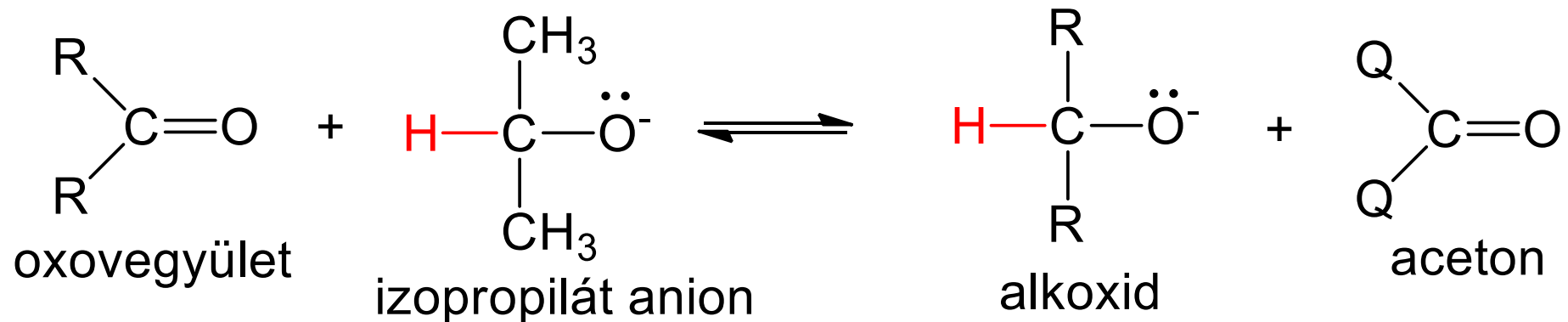
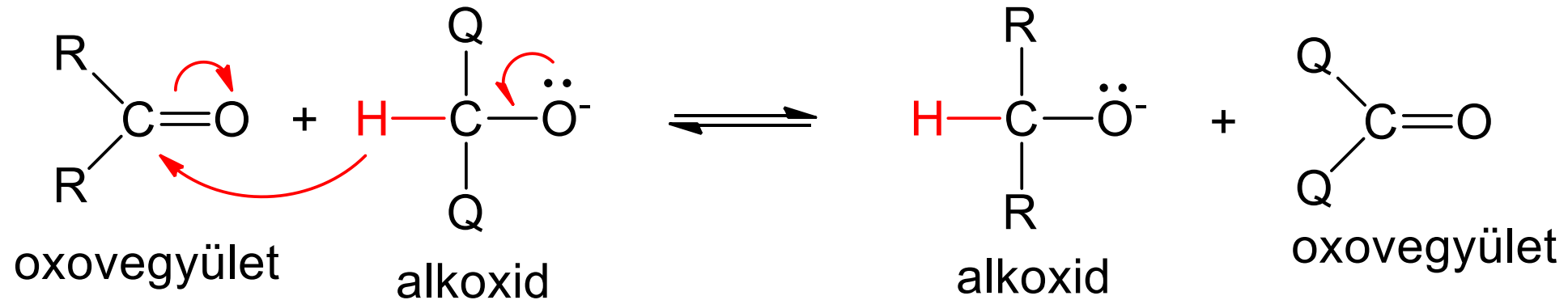
Savszármazékok redukciója aldehiddé



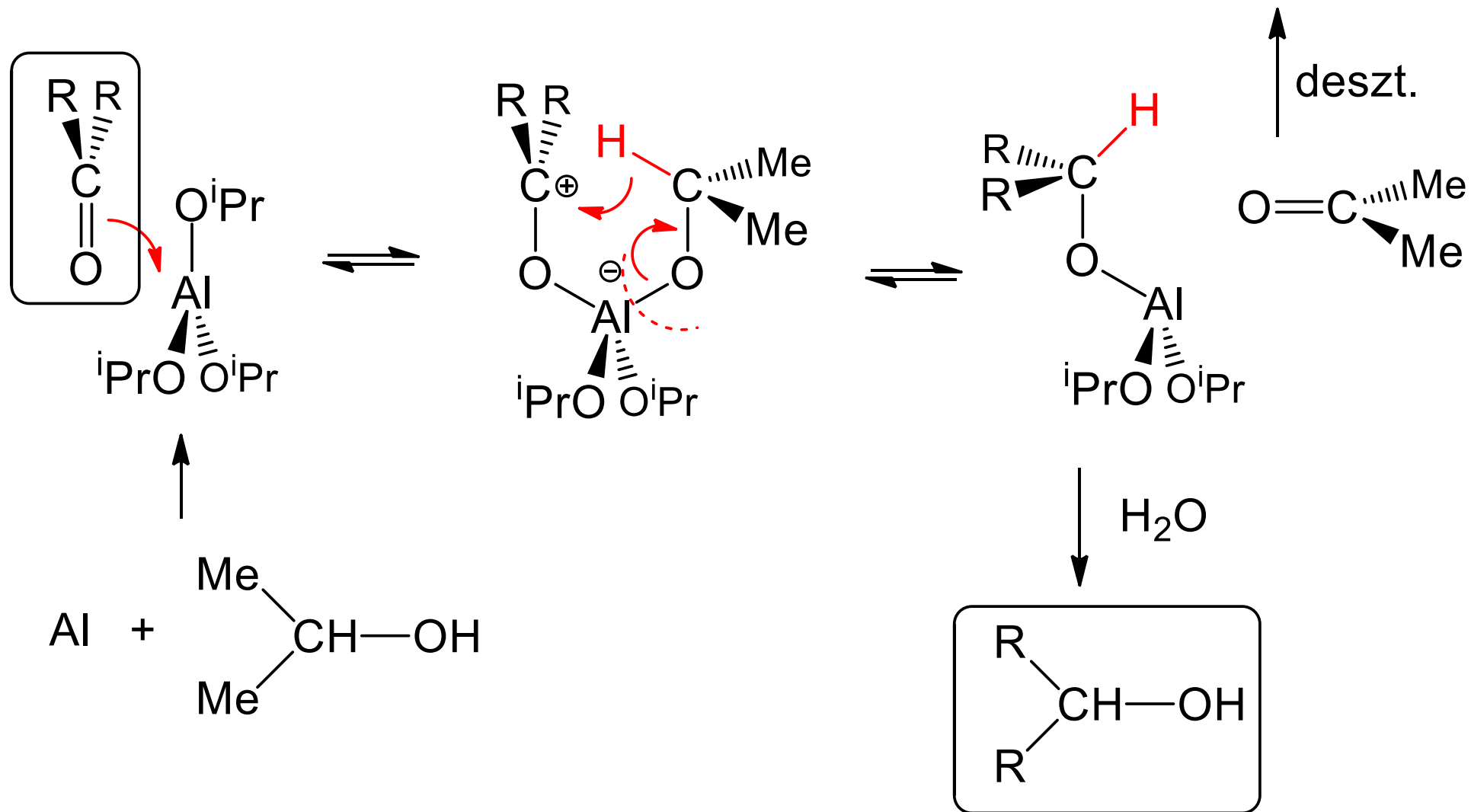
Schiff-bázis redukciója (szekunder amin előállítása)



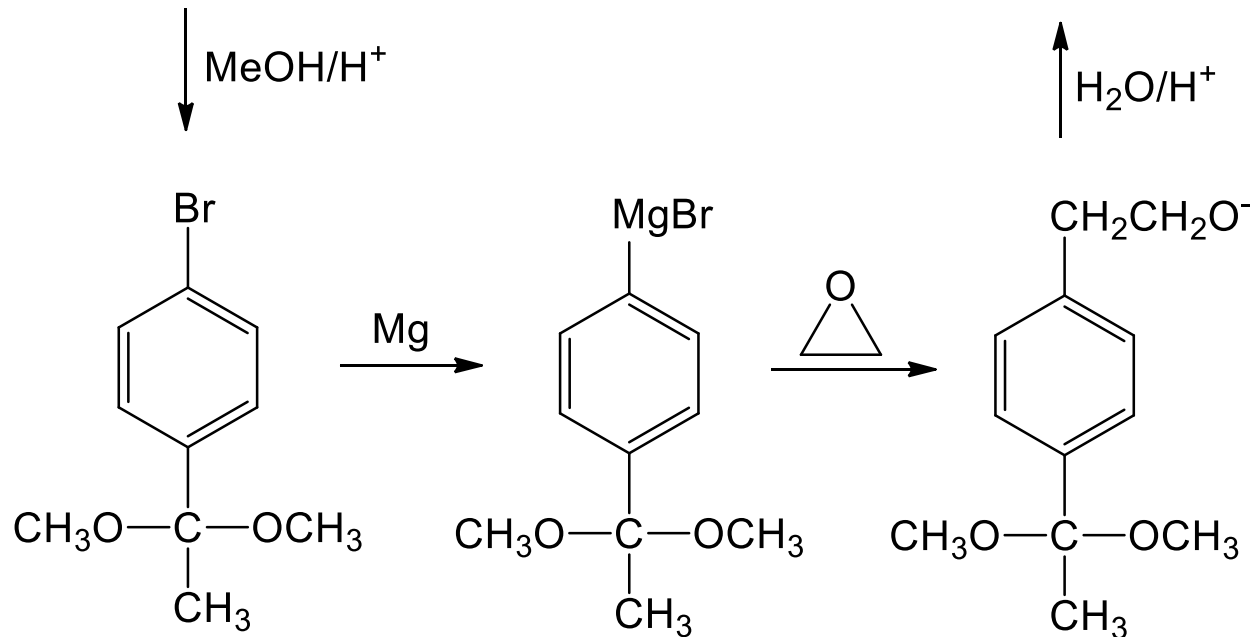
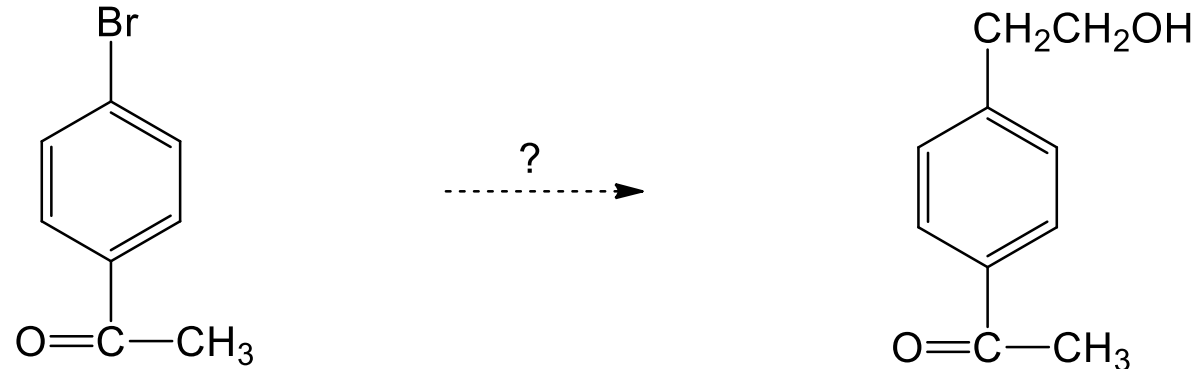
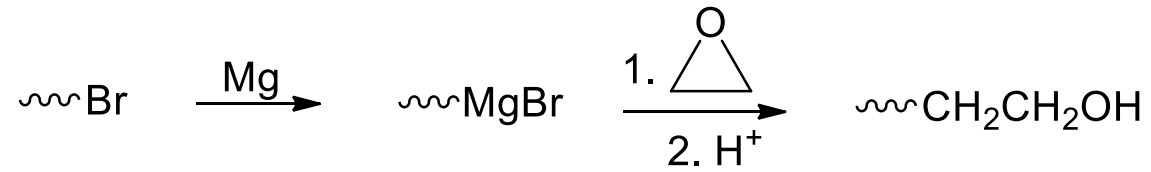
Redukció alumínium-izopropiláttal (Meerwein-Ponndorf-Verley redukció)



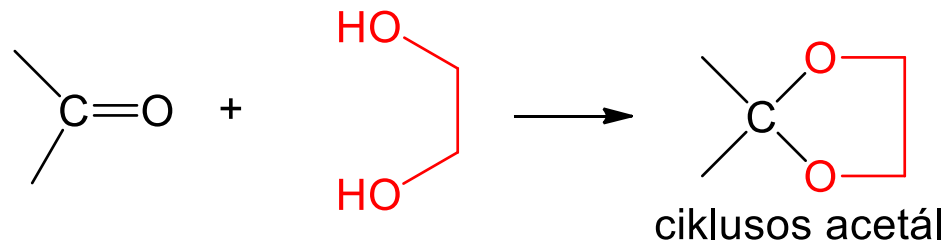
Mechanizmus



Funkciós csoportok szelektív védelme



Karbonilcsoport védeése



eltávolítás

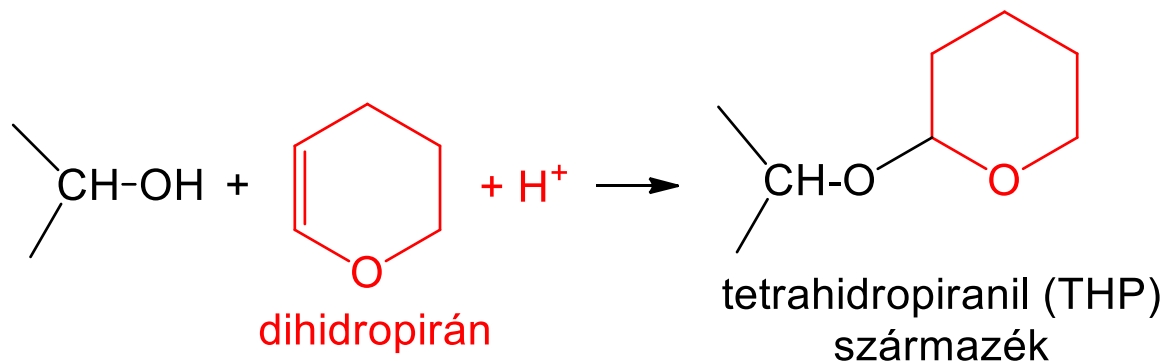
H₂O/H⁺

Hidroxilcsoport védeése



eltávolítás

H₂O/H⁺

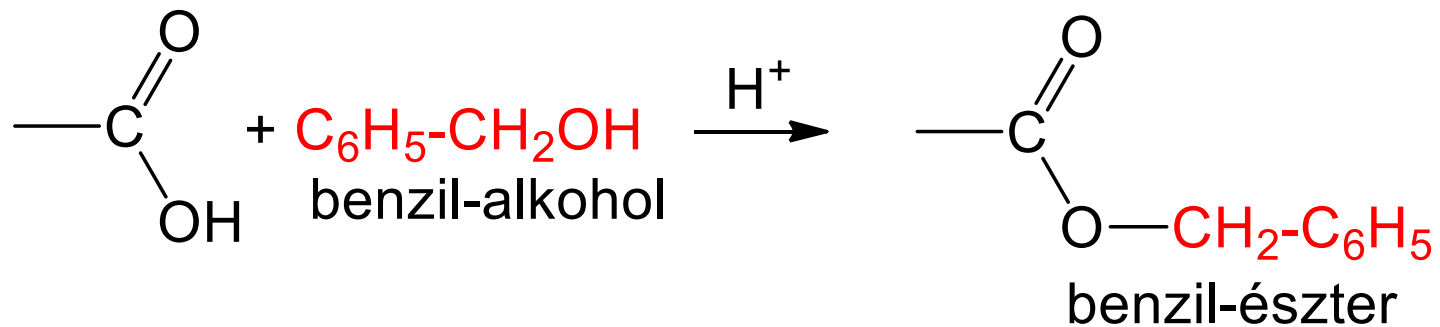


H₂O/H⁺



H₂/Pd

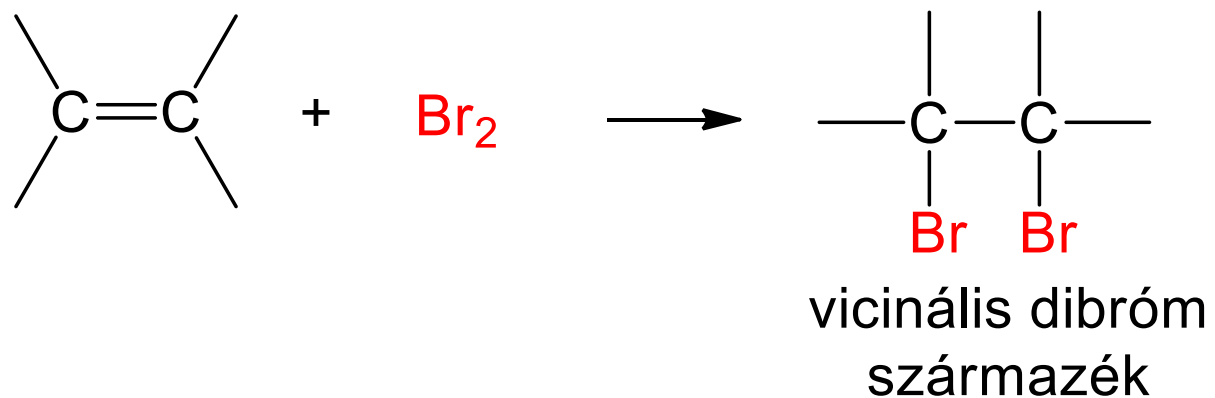
Karboxilcsoport védeése



eltávolítás

H₂/Pd

Kettős kötés védeése



NaI vagy Zn

Aminocsoport védeése

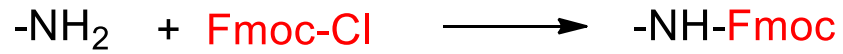
eltávolítás



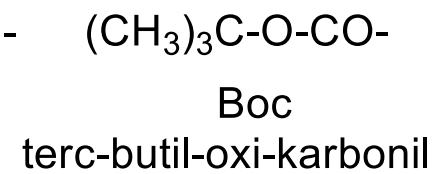
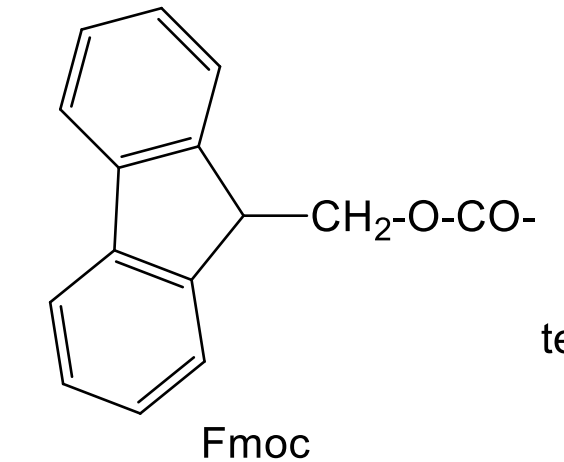
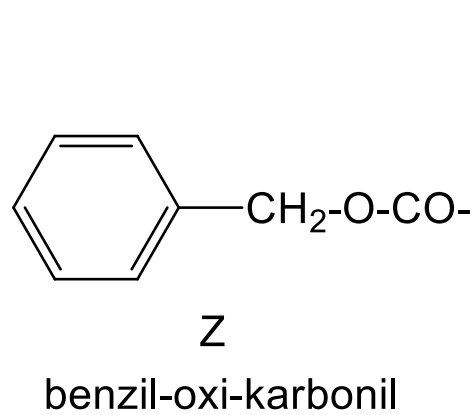
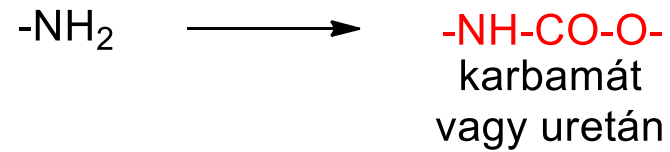
H_2/Pd



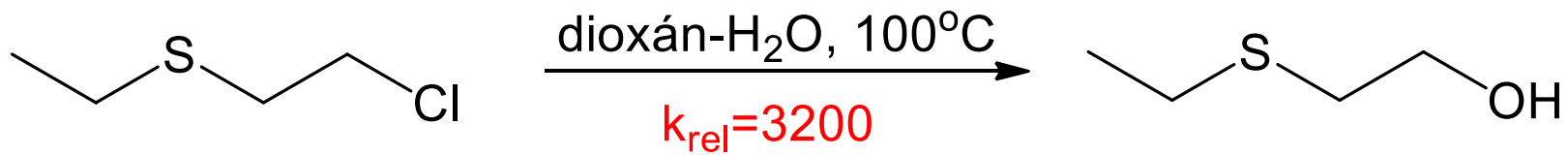
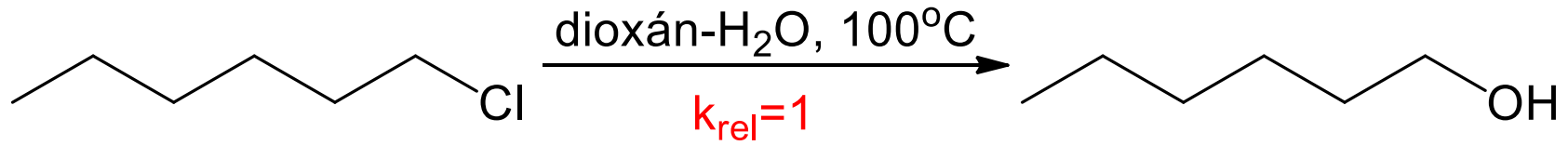
HCl-MeOH vagy
 CF_3COOH



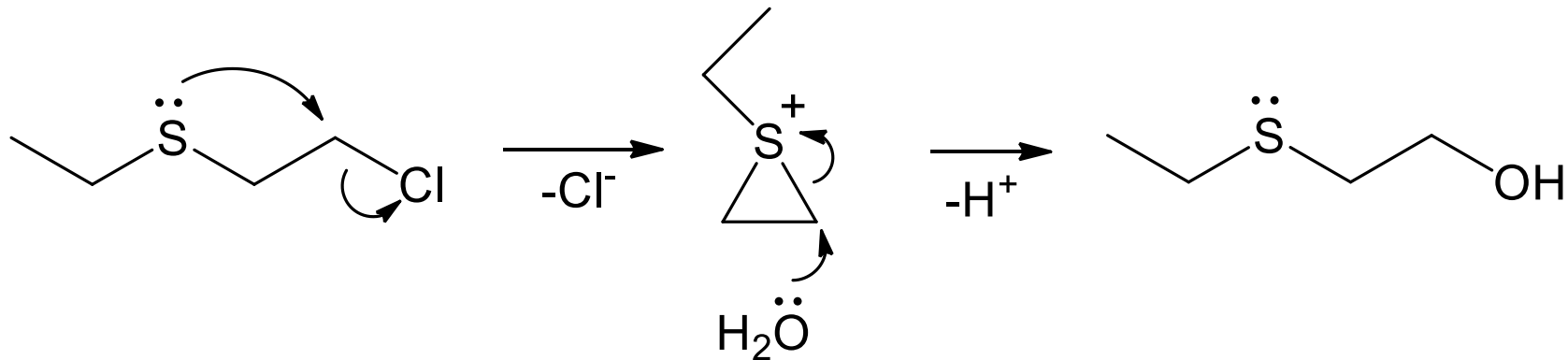
bázis
pl. piperidin

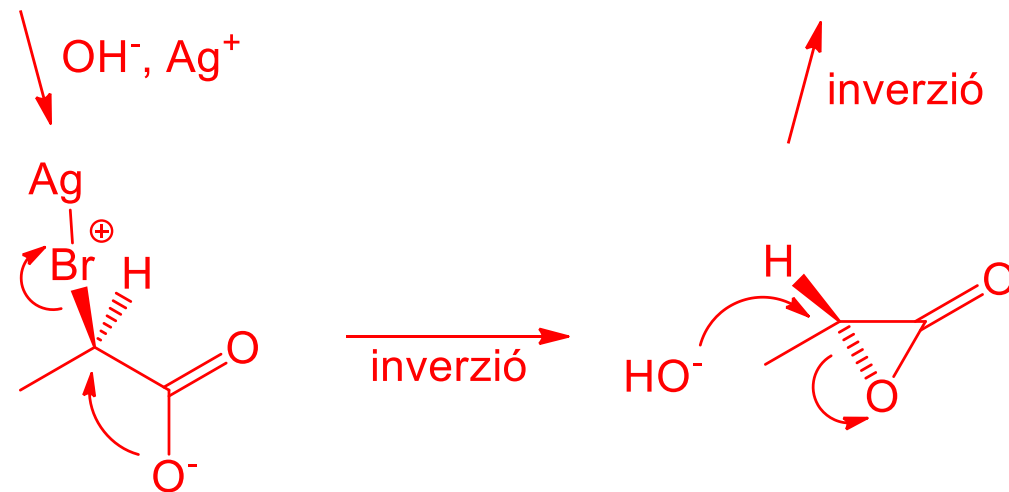
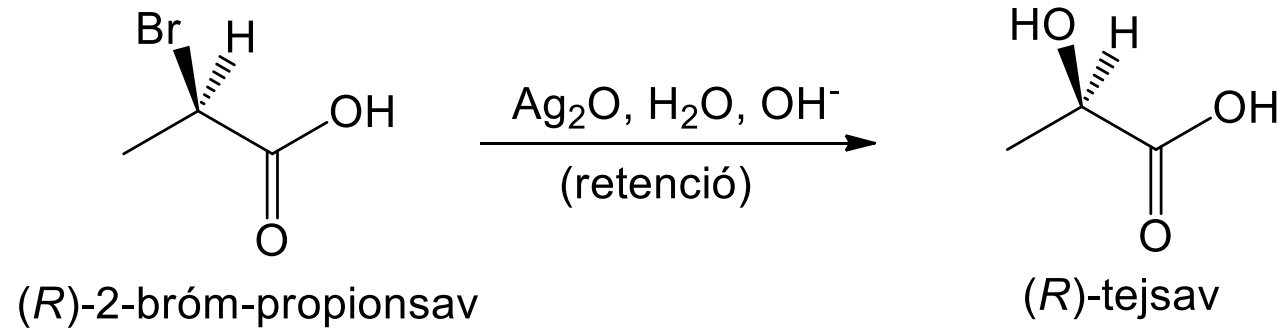
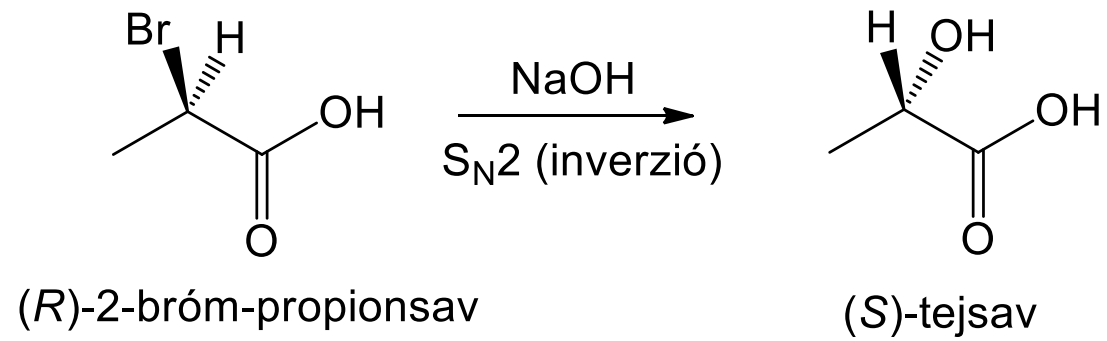


Szomszédcsoport részvétel



Mechanizmus





Arndt-Eistert lánchosszabbítás (Wolff-átrendeződés)

