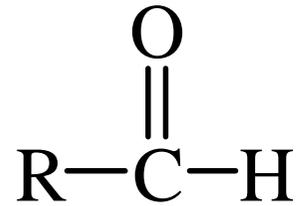
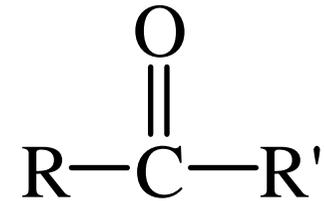


Le Aldeidi ed i Chetoni



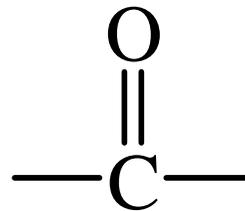
Un' Aldeide

R=Alchile, Arile



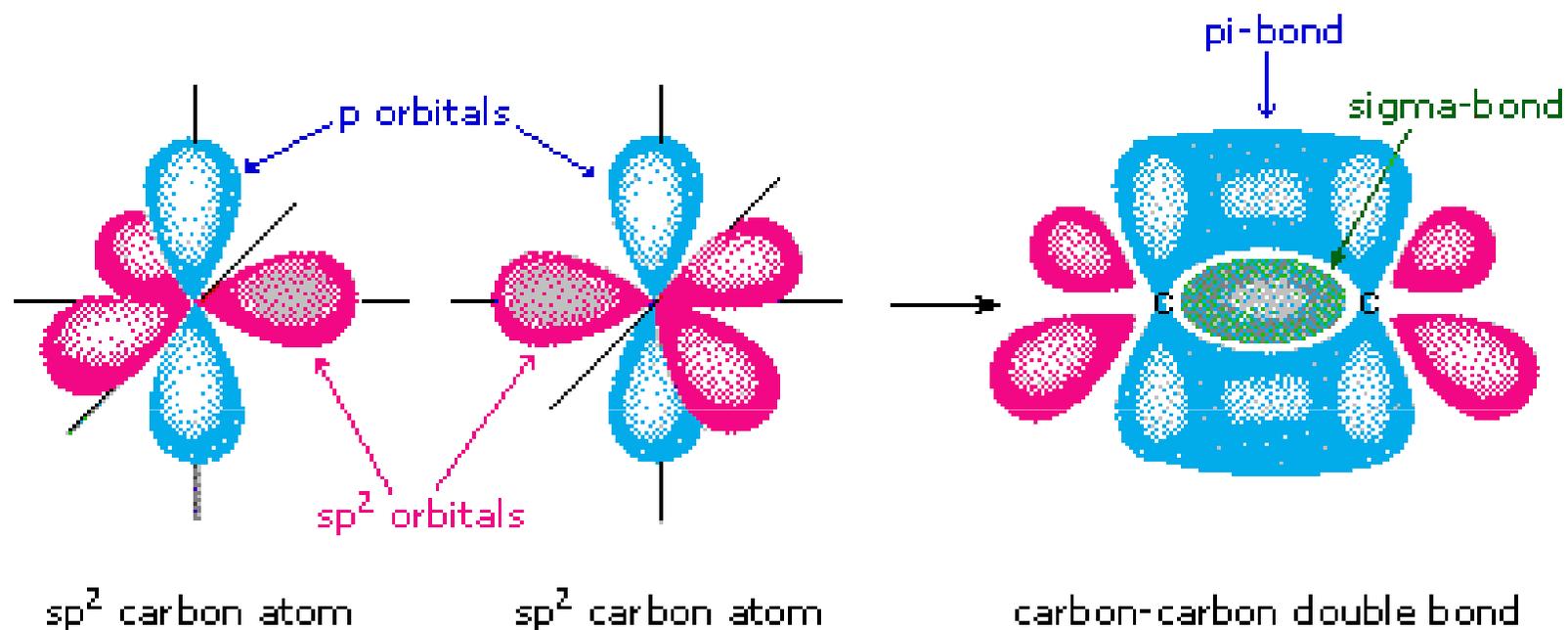
Un Chetone

R=R'=Alchile, Arile



Il Gruppo Carbonilico

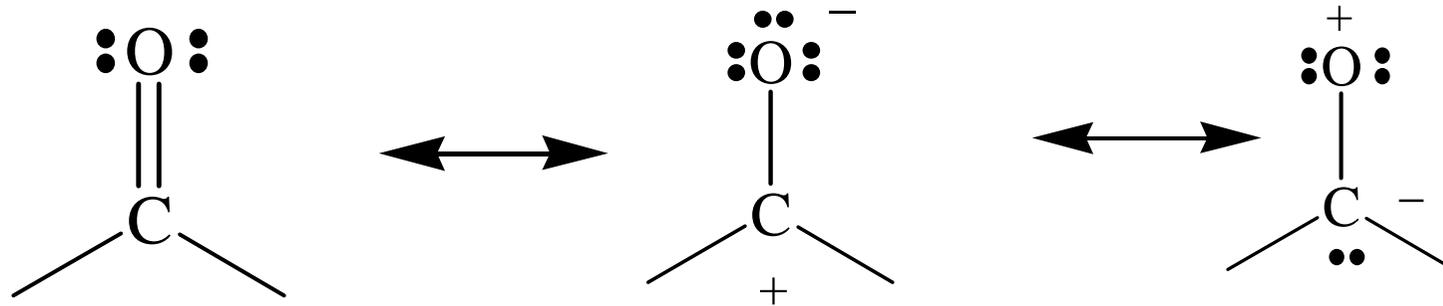
Formazione del Doppio Legame C=O



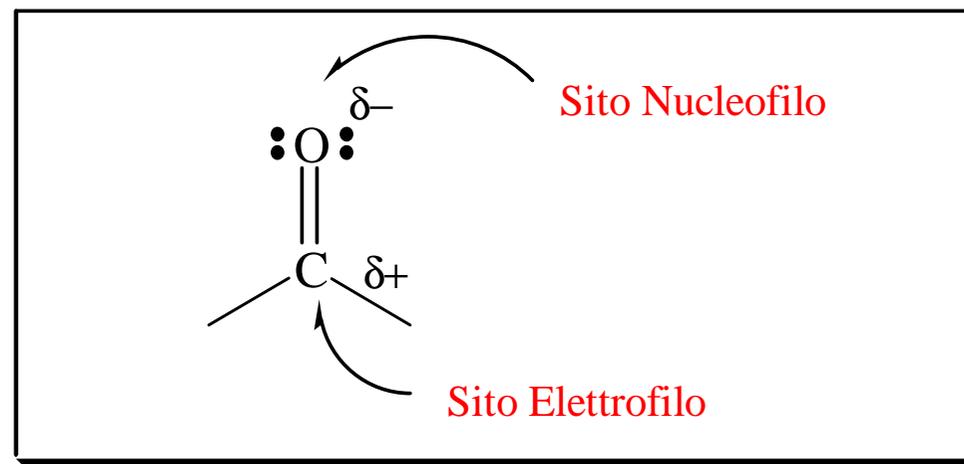
B Formation of σ - and π - molecular orbitals
from two sp^2 hybridized carbon atoms



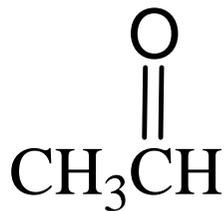
Le Formule di Risonanza del Gruppo Carbonilico



Poco Importante

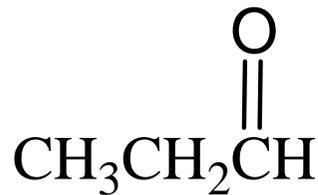


Nomenclatura delle Aldeidi



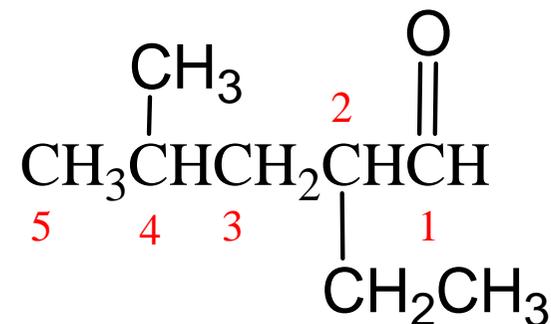
Etanale

(Acetaldeide)

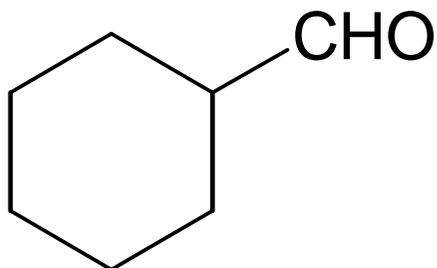


Propanale

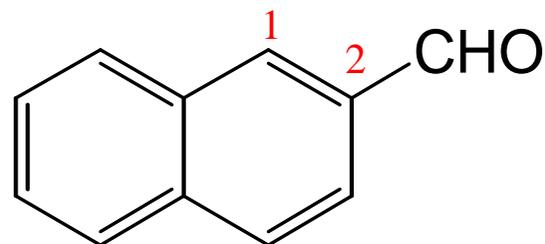
(Propionaldeide)



2-Etil-4-metilpentanale



Cicloesancarbaldeide

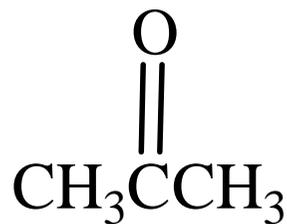


2-Naftalencarbaldeide

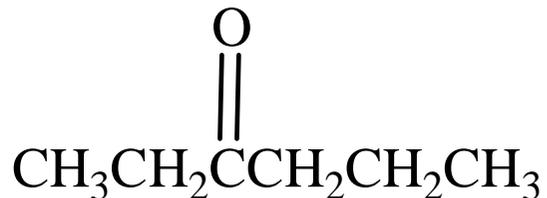
Nomi di Alcune Comuni Aldeidi

FORMULA	NOME COMUNE	NOME SISTEMATICO
HCHO	Formaldeide	Metanale
CH ₃ CHO	Acetaldeide	Etanale
CH ₃ CH ₂ CHO	Propionaldeide	Propanale
CH ₃ CH ₂ CH ₂ CHO	Butirraldeide	Butanale
CH ₃ CH ₂ CH ₂ CH ₂ CHO	Valeraldeide	Pentanale
H ₂ C=CHCHO	Acroleina	2-Propenale
PhCHO	Benzaldeide	Benzencarbaldeide

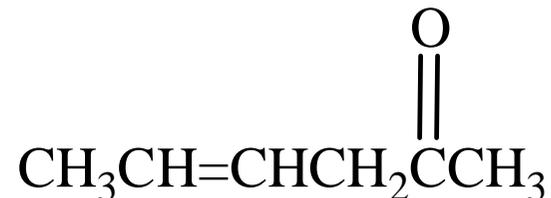
Nomenclatura dei Chetoni



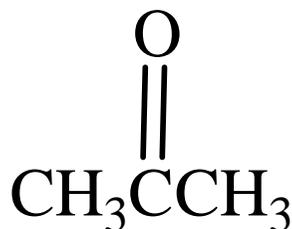
Propanone



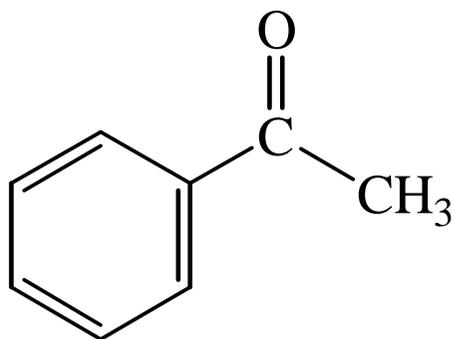
3-Esanone



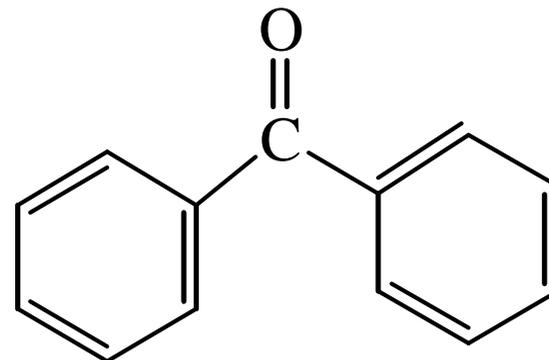
4-Esen-2-one



(Acetone)



(Acetofenone)

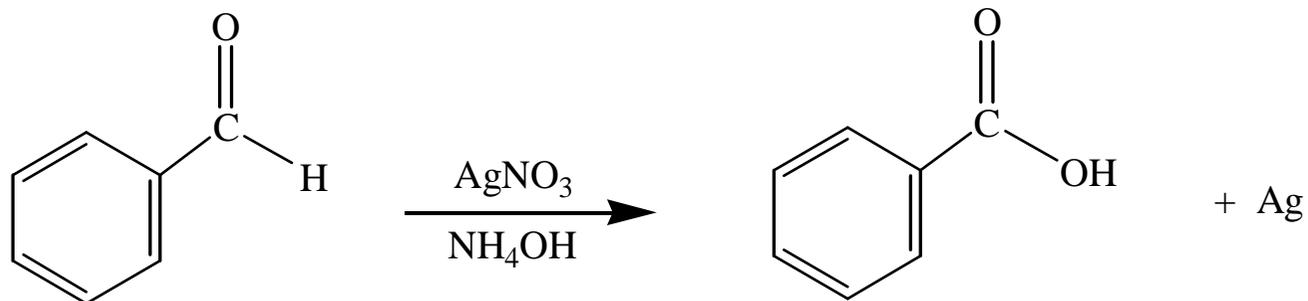


(Benzofenone)



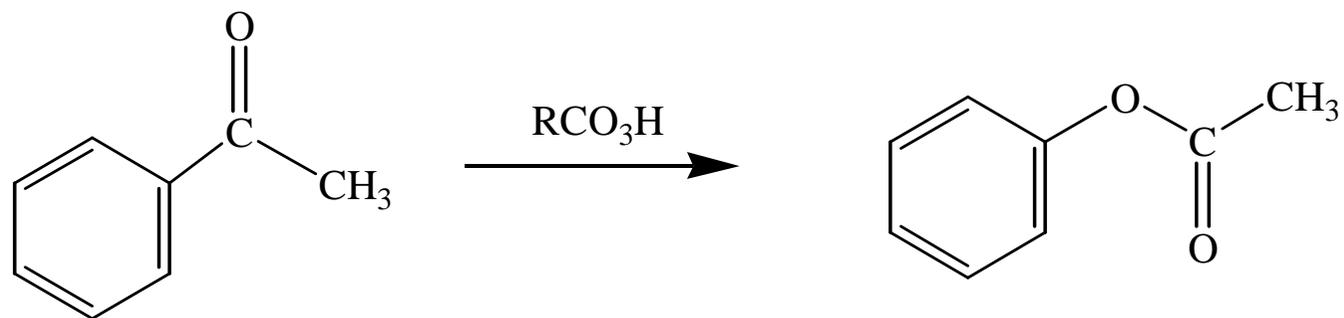
3-Oxoesanoato di metile

Ossidazione delle Aldeidi e dei Chetoni



Benzaldeide

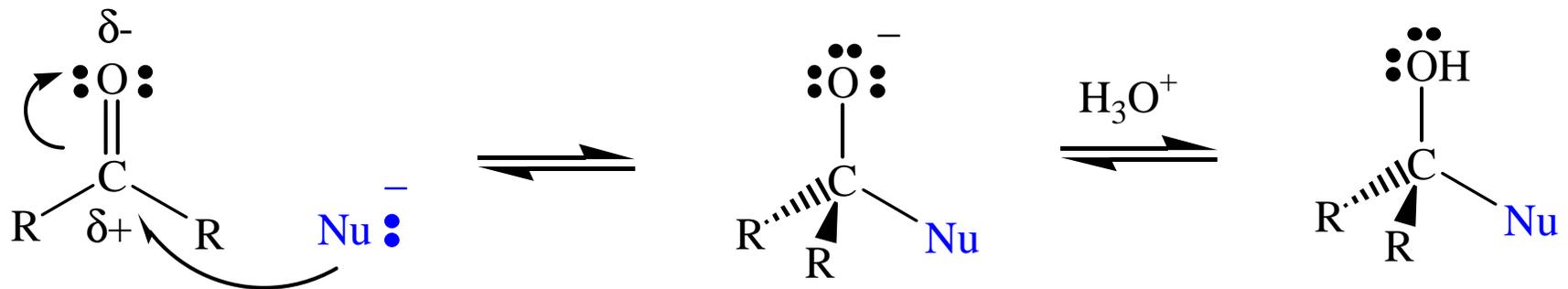
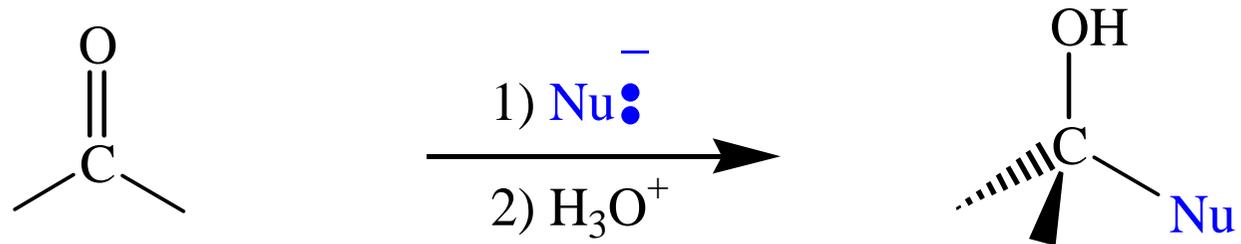
Acido benzoico



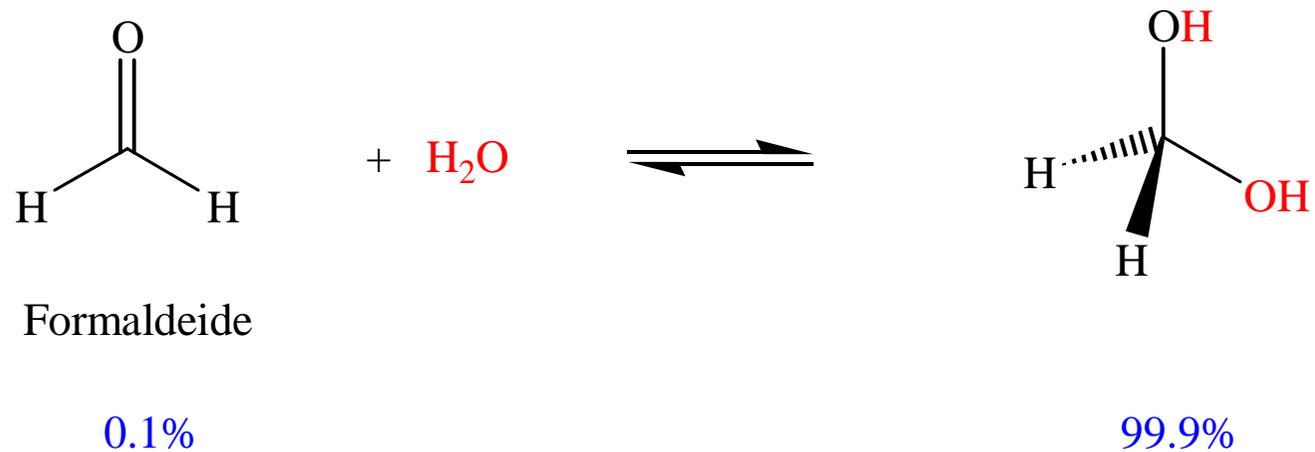
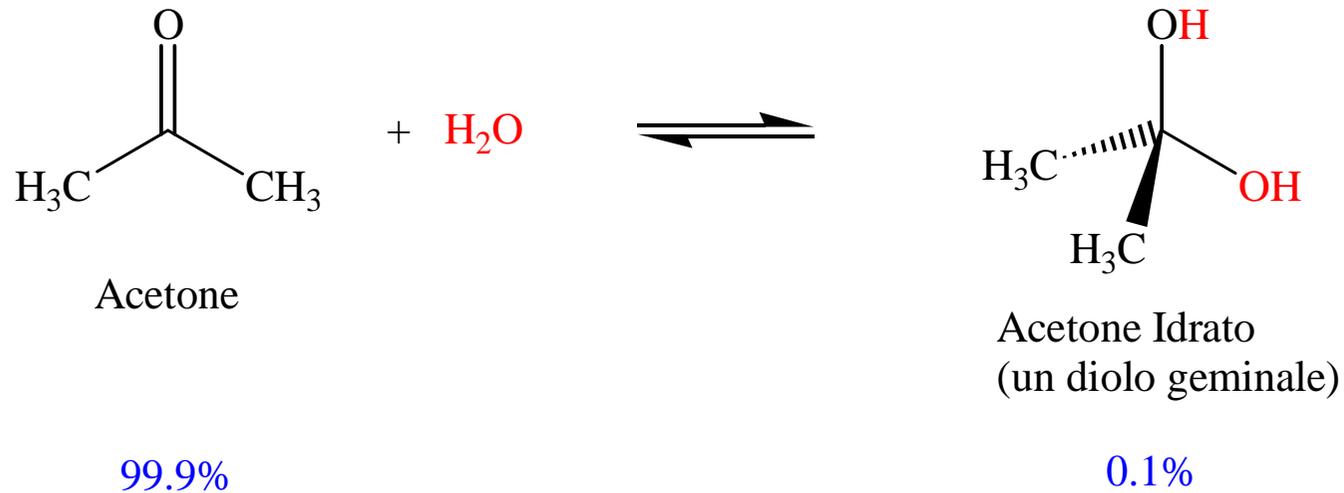
Acetofenone

Acetato di fenile

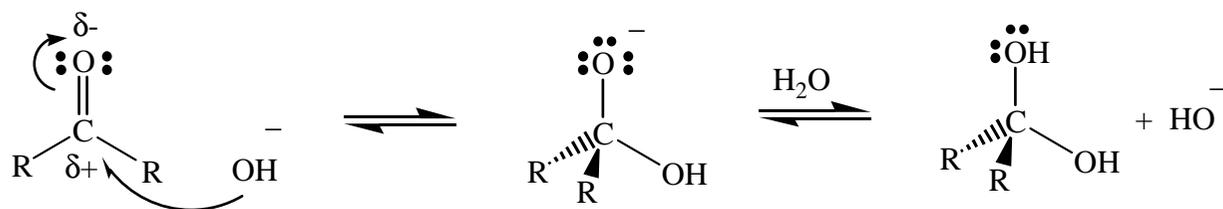
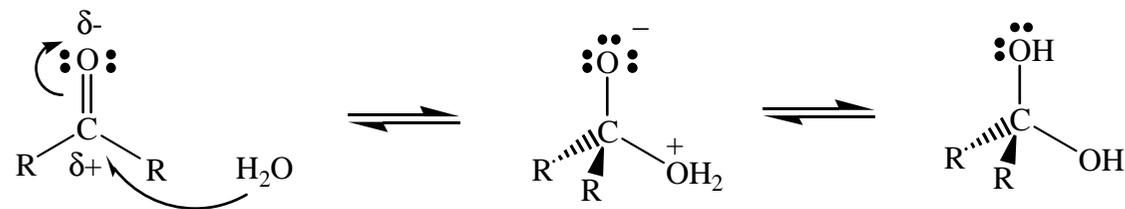
Le Addizioni Nucleofile ad Aldeidi e Chetoni



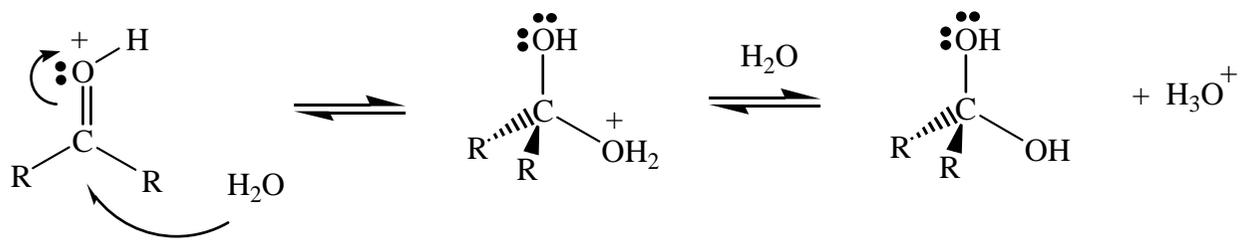
L'Idratazione di Aldeidi e Chetoni



Il Meccanismo dell'Idratazione di Aldeidi e Chetoni

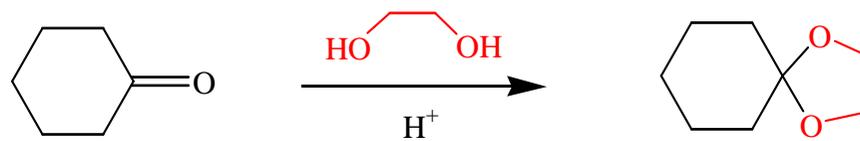
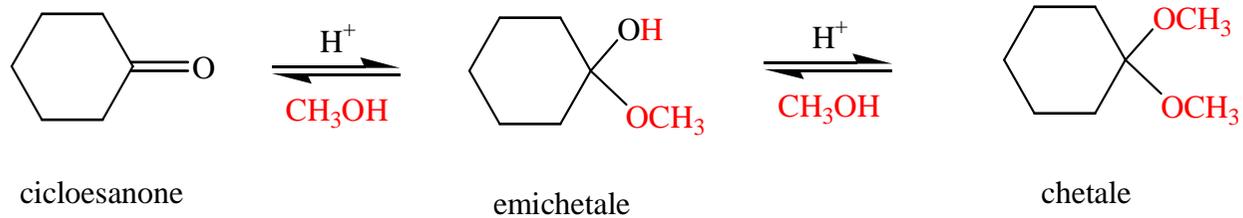
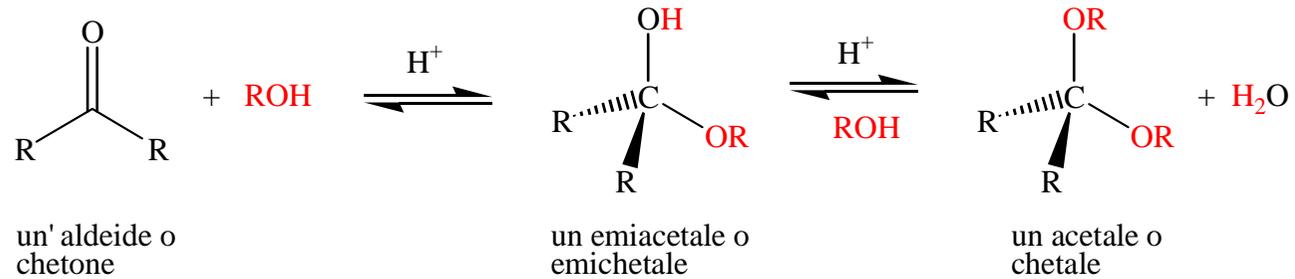


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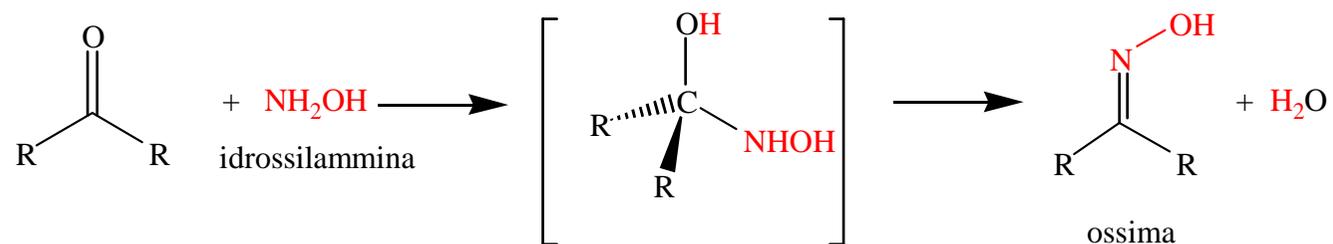
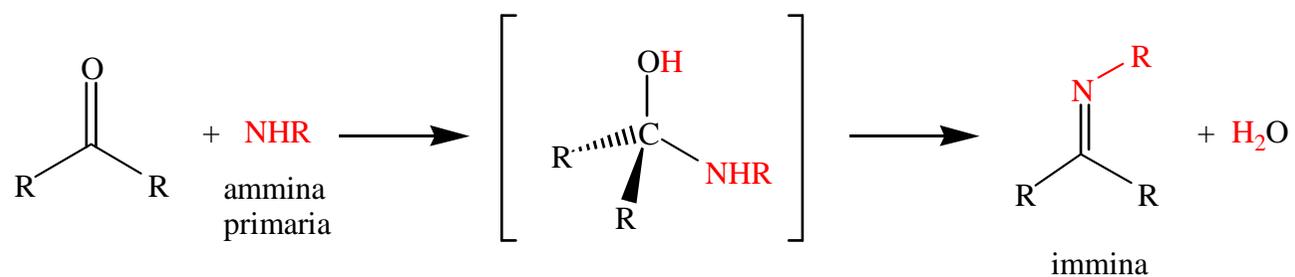
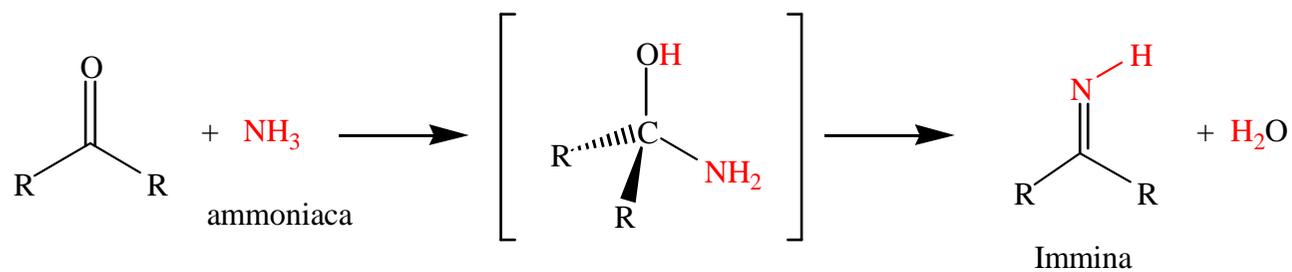


Catalisi Acida:

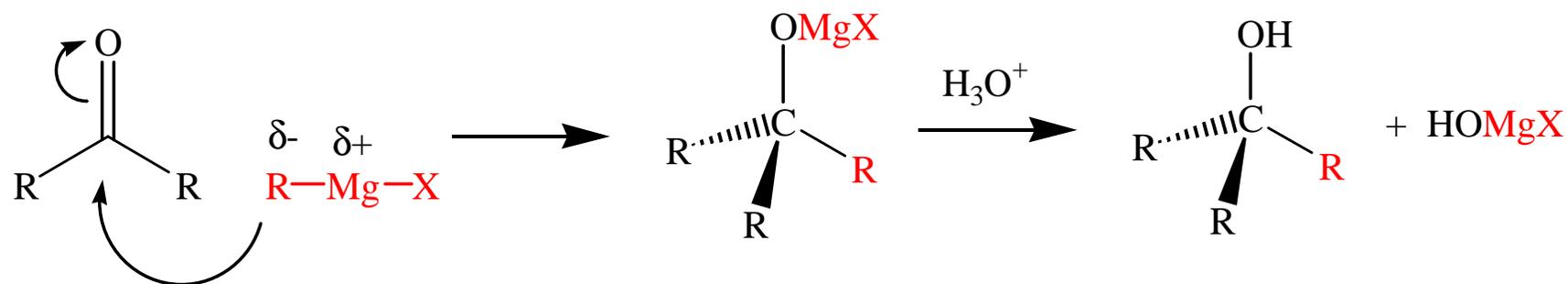
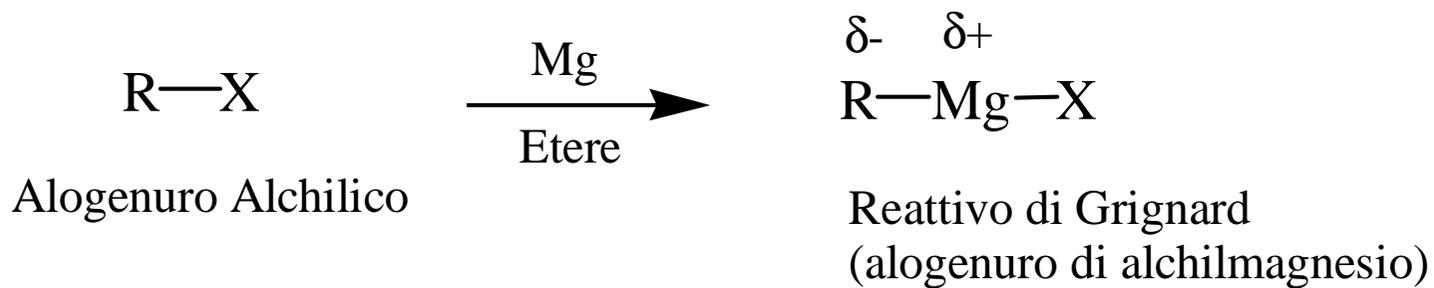
L'Addizione di Alcoli ad Aldeidi e Chetoni



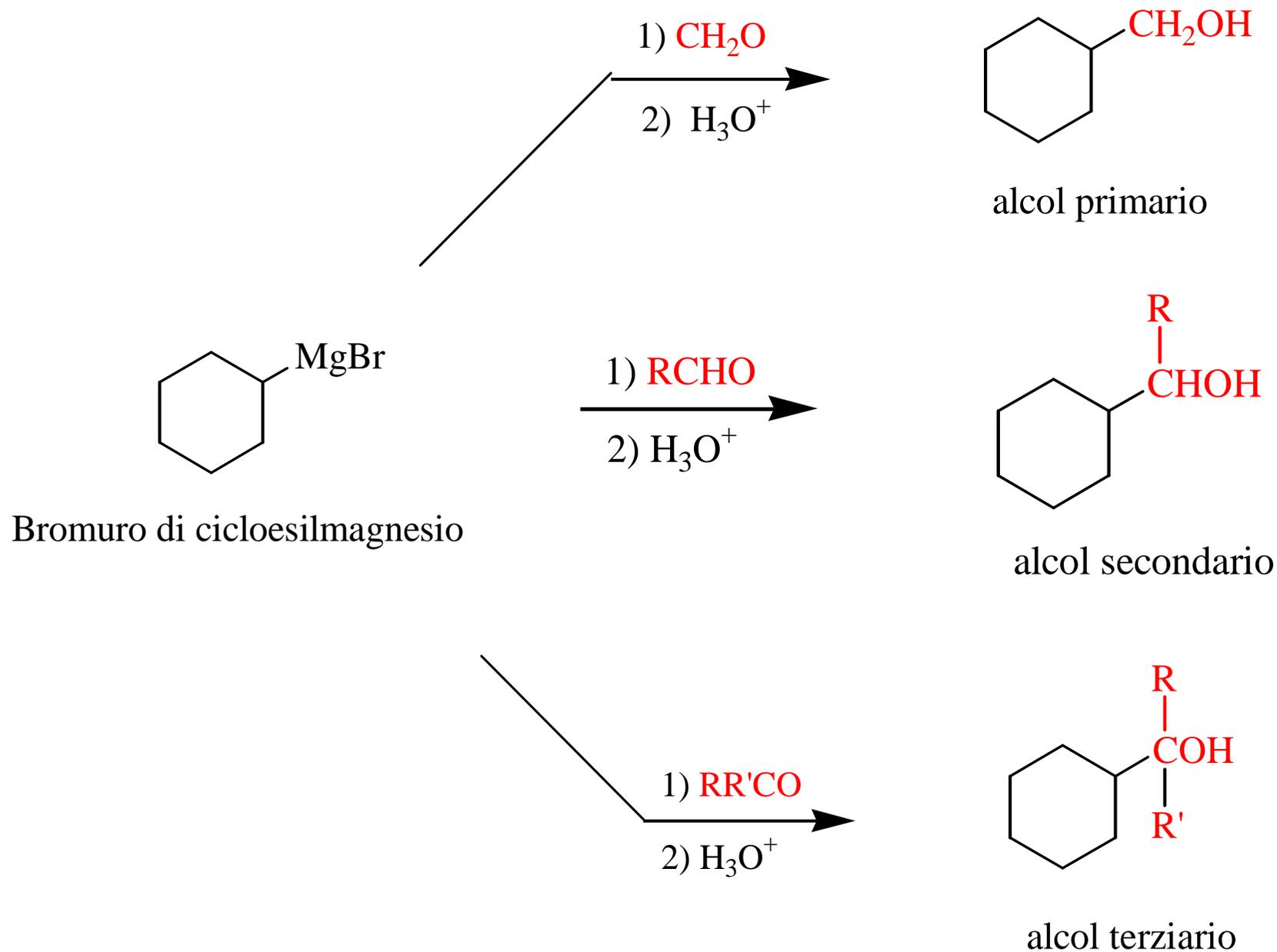
Addizione di Ammoniaca e dei suoi derivati alle Aldeidi e Chetoni



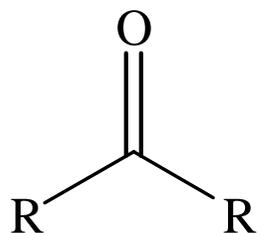
Addizione dei Reattivi di Grignard alle Aldeidi ed ai Chetoni



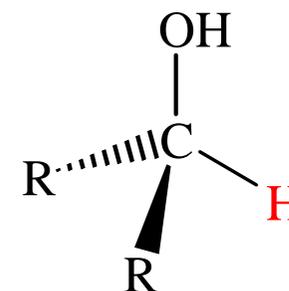
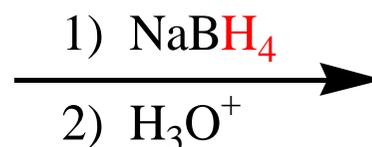
Addizione dei Reattivi di Grignard alle Aldeidi ed ai Chetoni



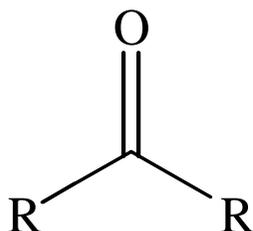
Riduzione di Aldeidi e Chetoni



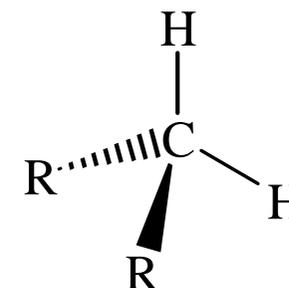
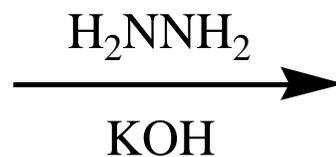
un' aldeide o un chetone



un alcol



un' aldeide o un chetone



Un idrocarburo