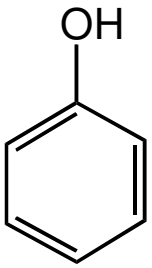
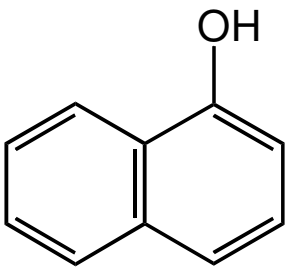
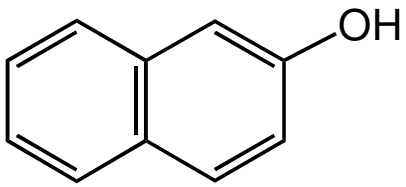
FENOLOK



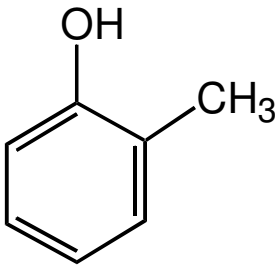
fenol



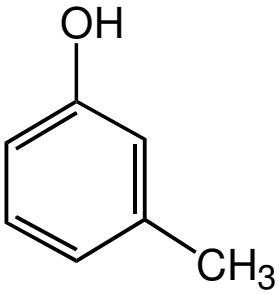
1-naftol



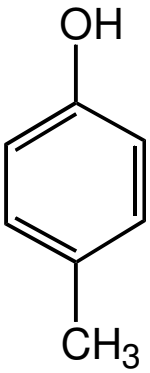
2-naftol



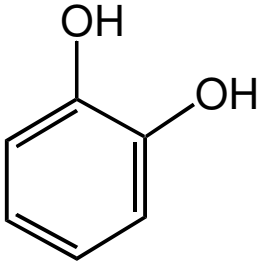
o-krezol



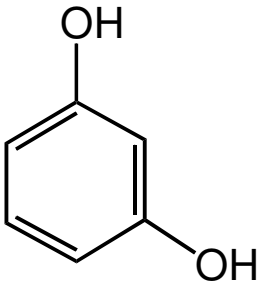
m-krezol



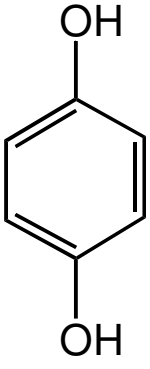
p-krezol



pirokatechin

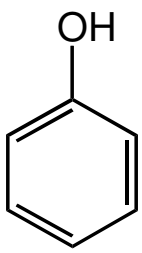


rezorcin

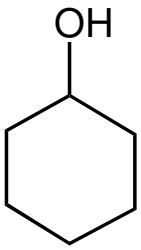


hidrokinon

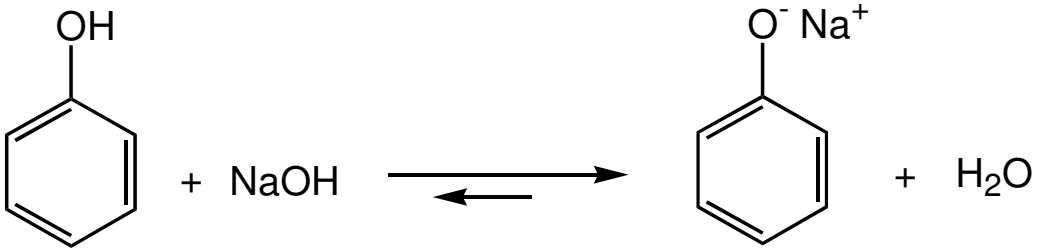
A fenolok savi jellege

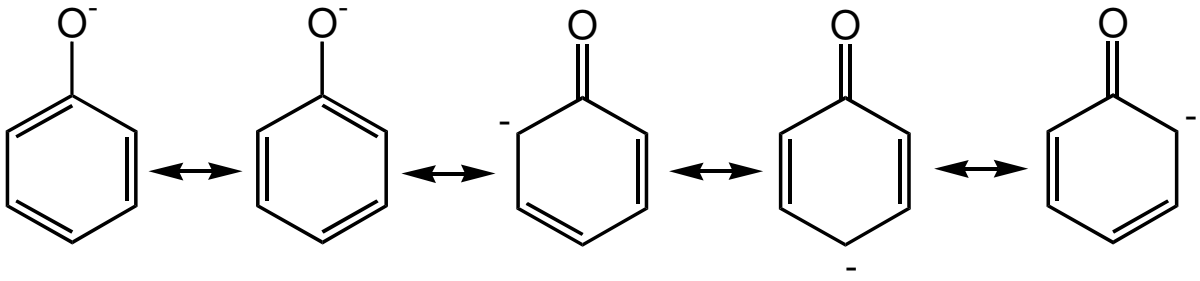


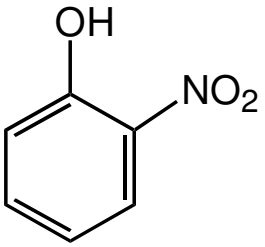
pK=9.9

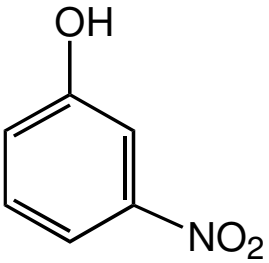


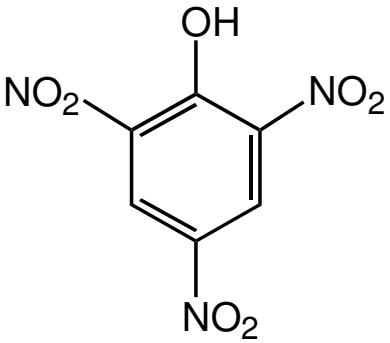
pK=18





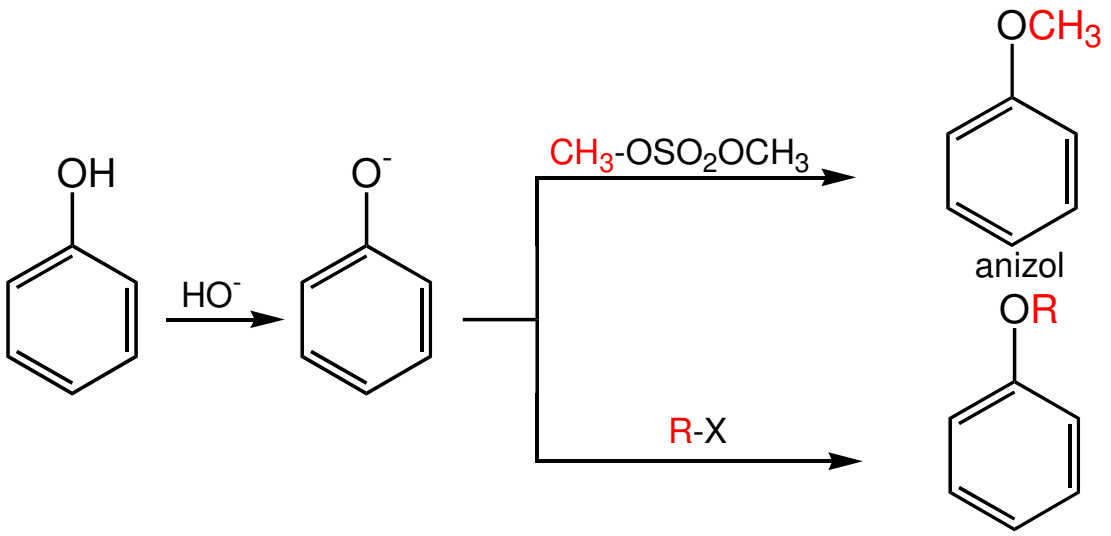




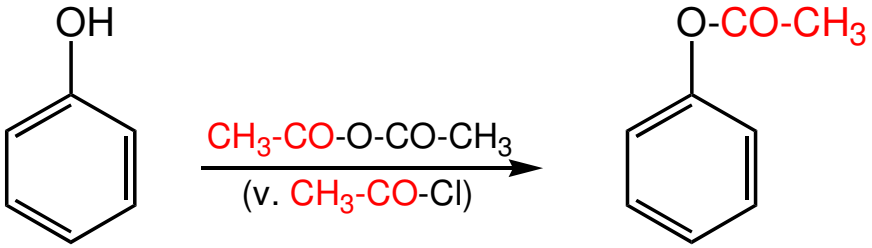


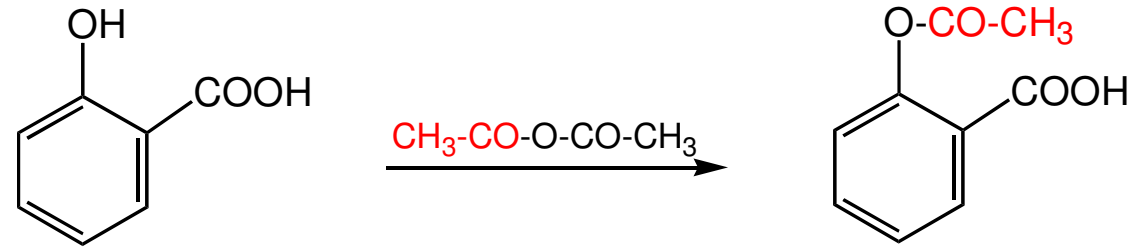
pK 7.2 8.3 0.4

Alkilezés



Acilezés

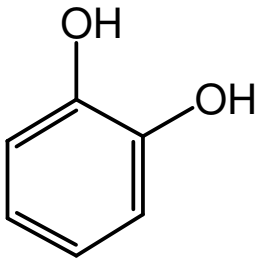




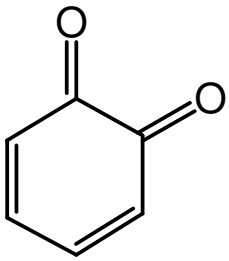
szalicilsav

aszpirin

A fenolok oxidációja (kinonok)

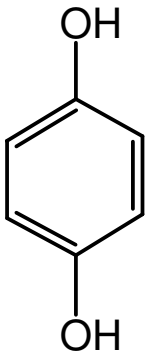


ox.
red.

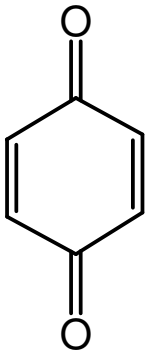


pirokatechin

o-benzokinon



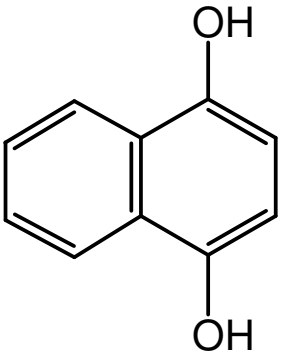
ox.
red.



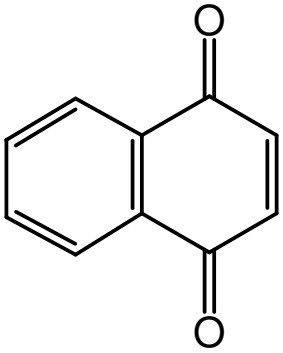
ε_o=715 mV

hidrokinon

p-benzokinon



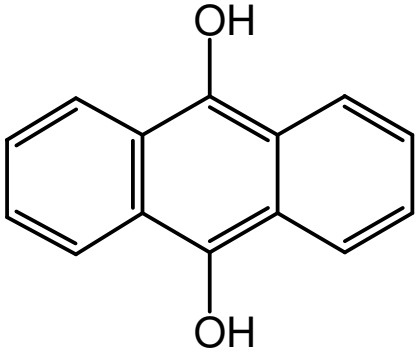
ox.
red.



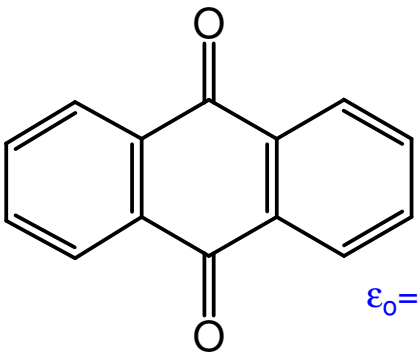
ε_o=484 mV

1,4-dihidroxi-naftalin

1,4-naftokinon



ox.
red.

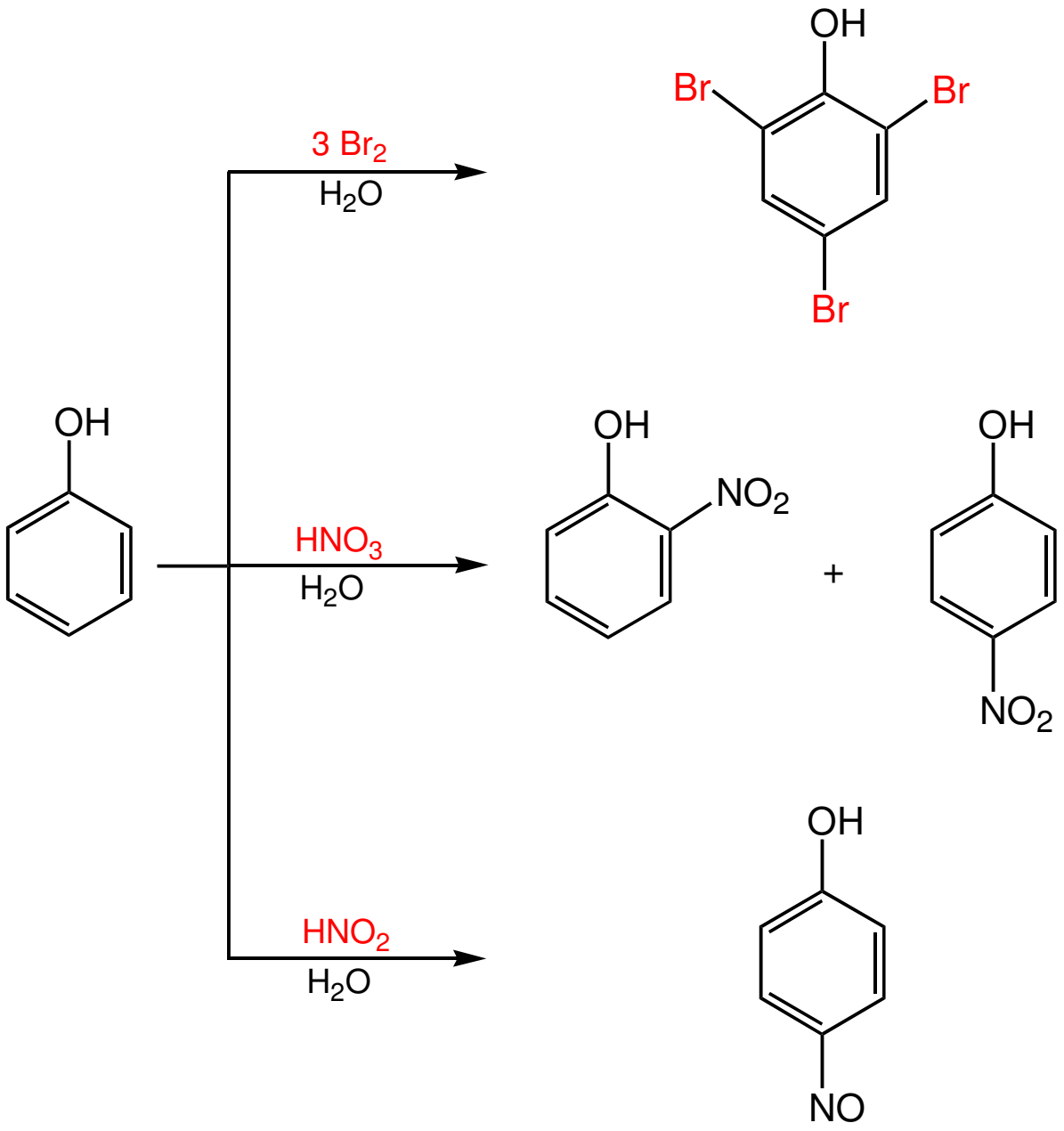


ε_o=154 mV

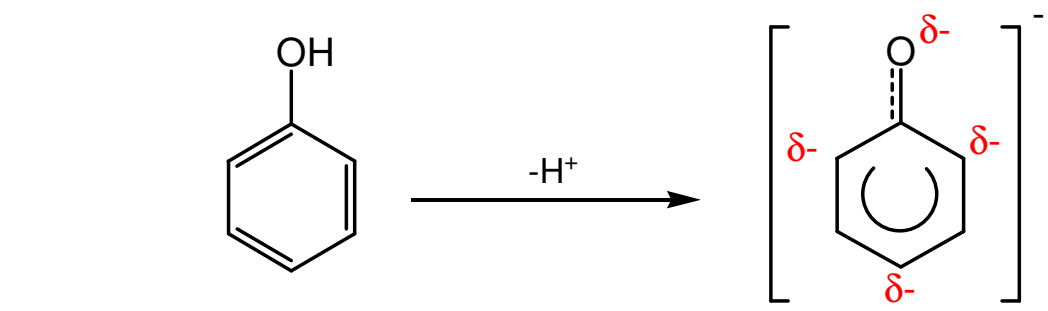
9,10-dihidroxi-antracén

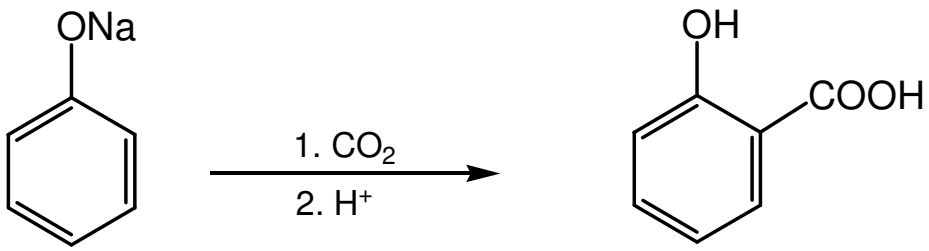
9,10-antrakinon

A fenolok elektrofil szubsztitúciós reakciói



A fenolátion reaktivitása





szalicilsav

Mechanizmus