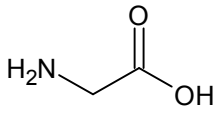
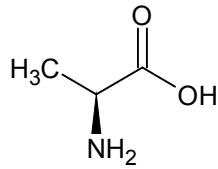


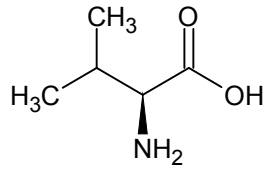
Glicin



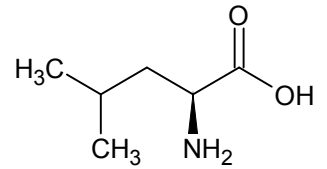
Alanin



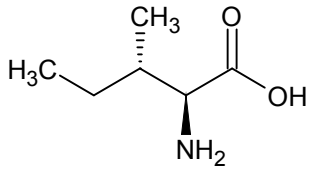
Valin



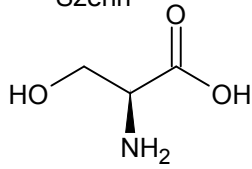
Leucin



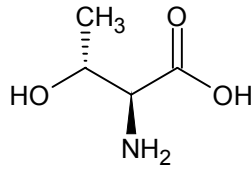
Izoleucin



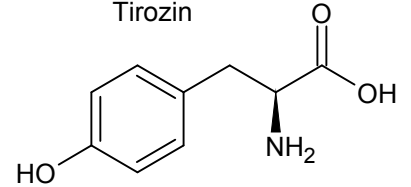
Szerin



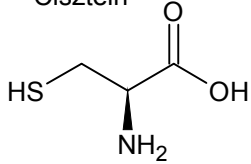
Treonin



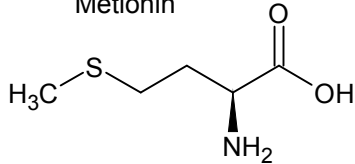
Tirozin



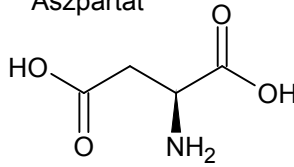
Cisztein



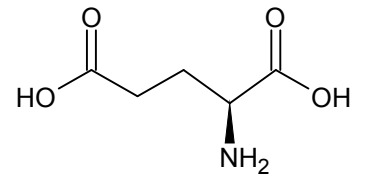
Metionin



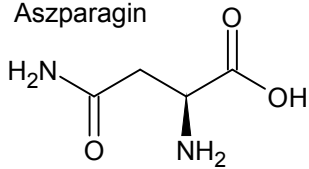
Aszpartát



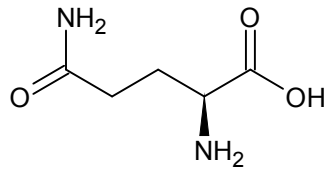
Glutamát



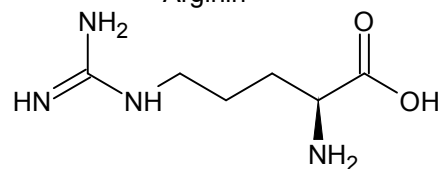
Aszparagin



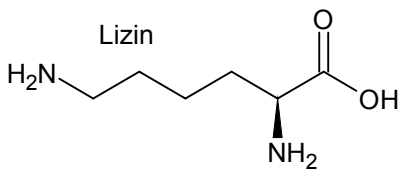
Glutamin



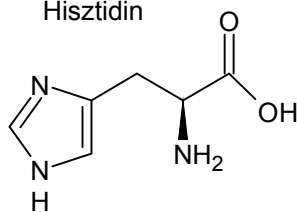
Arginin



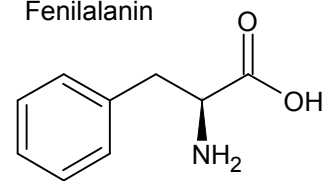
Lizin



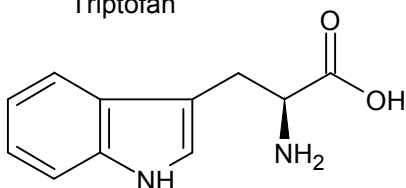
Hisztidin



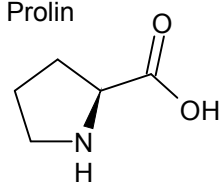
Fenilalanin



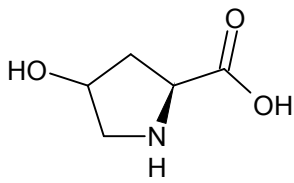
Triptofán



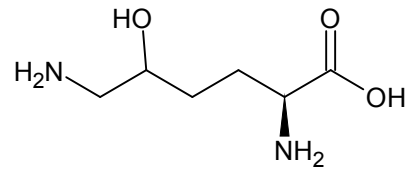
Prolin



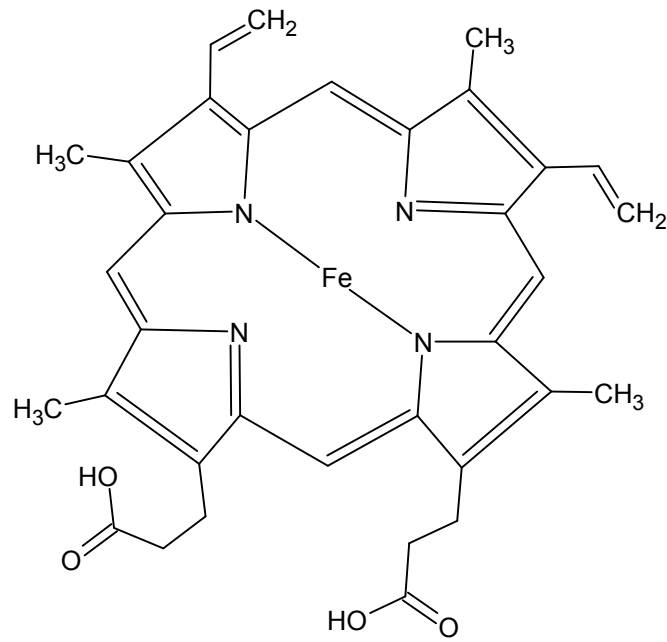
4 OH Prolin



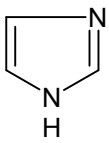
5 OH Lizin



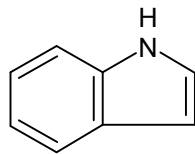
Hem



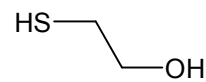
Imidazol



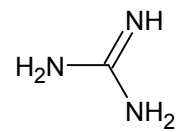
Indol



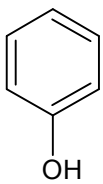
Merkaptoetanol



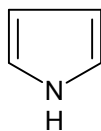
Guanidin



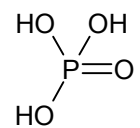
Fenol



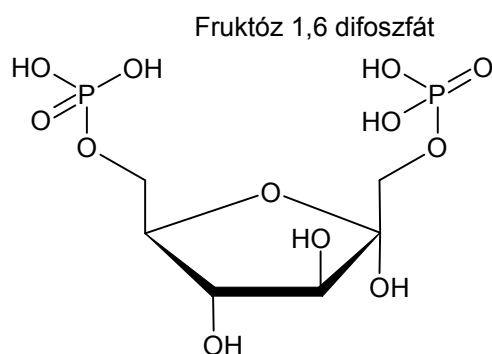
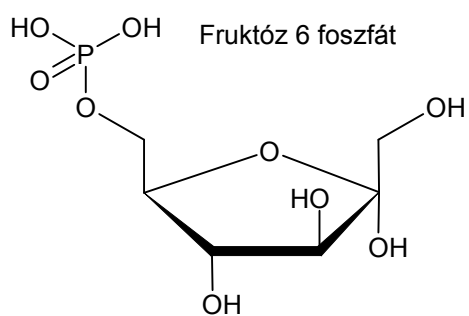
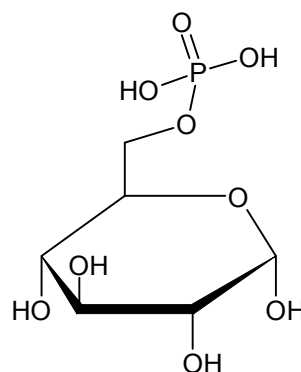
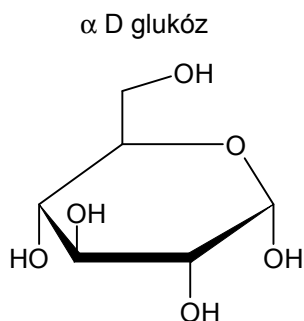
Pirrol



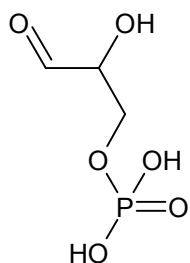
Ortofoszfát



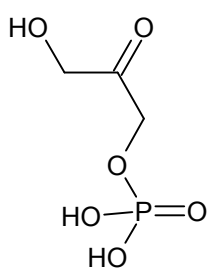
Glükóz 6 foszfát



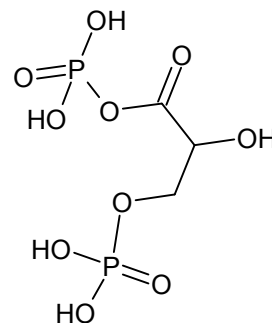
Glicerinaldehyd 3 foszfát



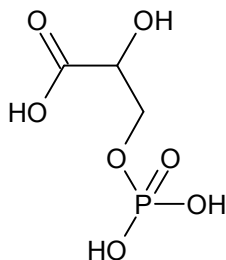
Dihidroxiaceton foszfát



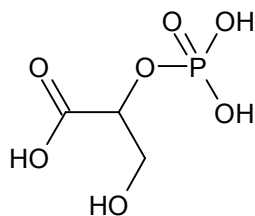
Glicerinsav 1,3 biszfoszfát



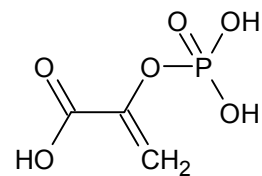
Glicerinsav 3 foszfát



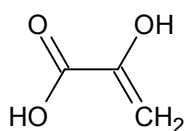
Glicerinsav 2 foszfát



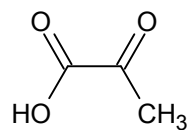
Foszfoenolpiruvát



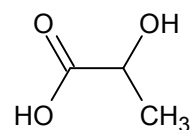
Enolpiruvát



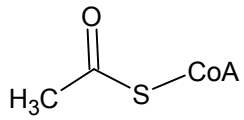
(oxo)piruvát



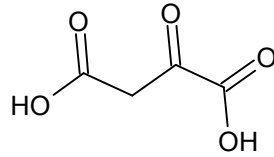
Tejsav



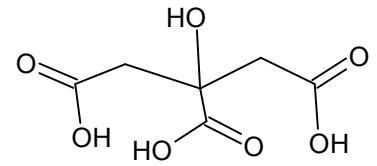
Acetil Coa



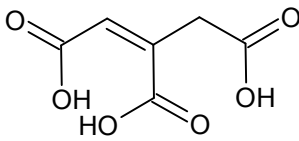
Oxálacetát



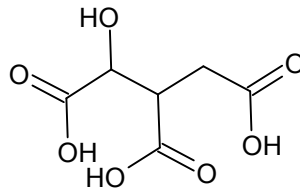
Citrát



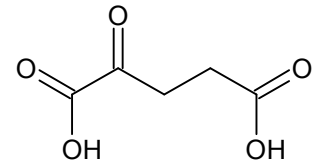
Cisz akonitát



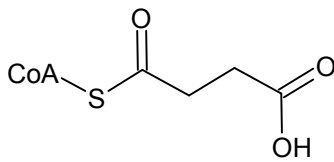
Izocitrát



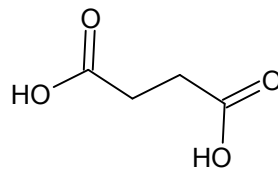
α ketoglutarát



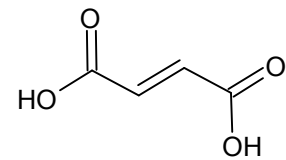
Szukcinil Coa



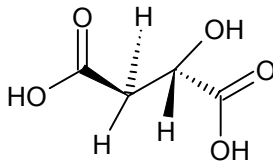
Szukcinát



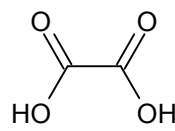
Fumarát



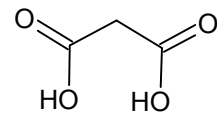
L malát



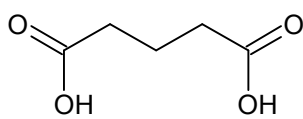
Oxalát



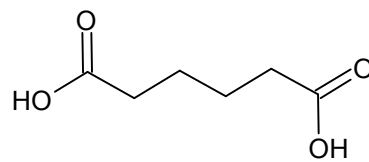
Malonát



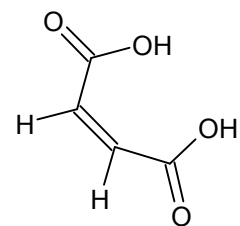
Glutarát



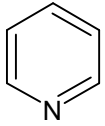
Adipát



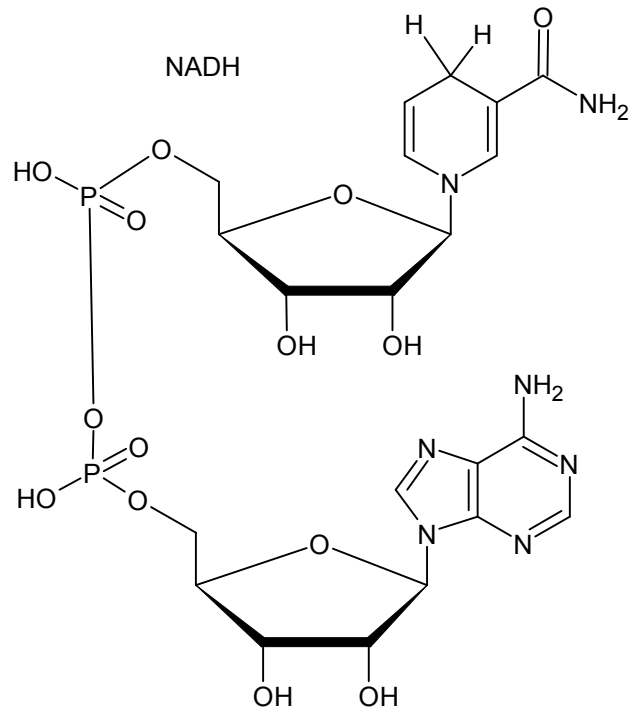
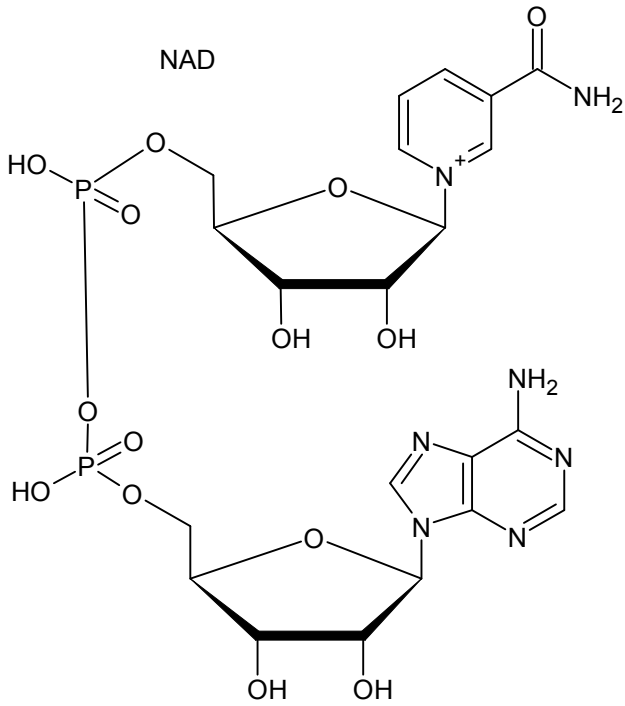
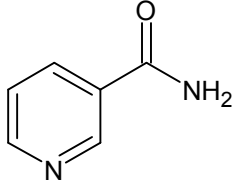
Maleinát

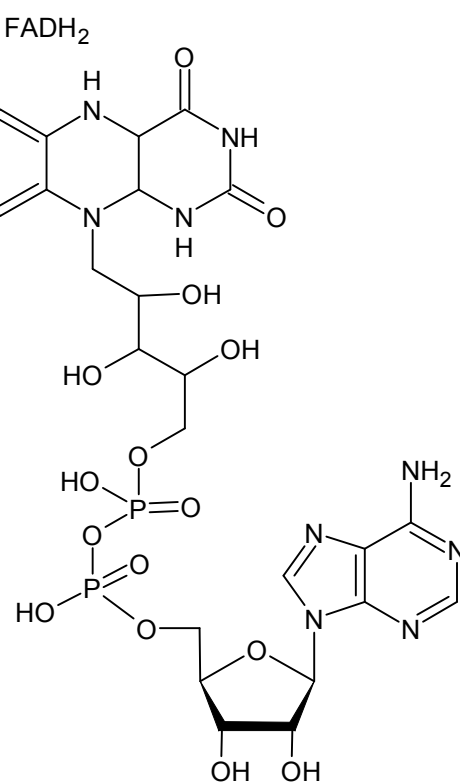
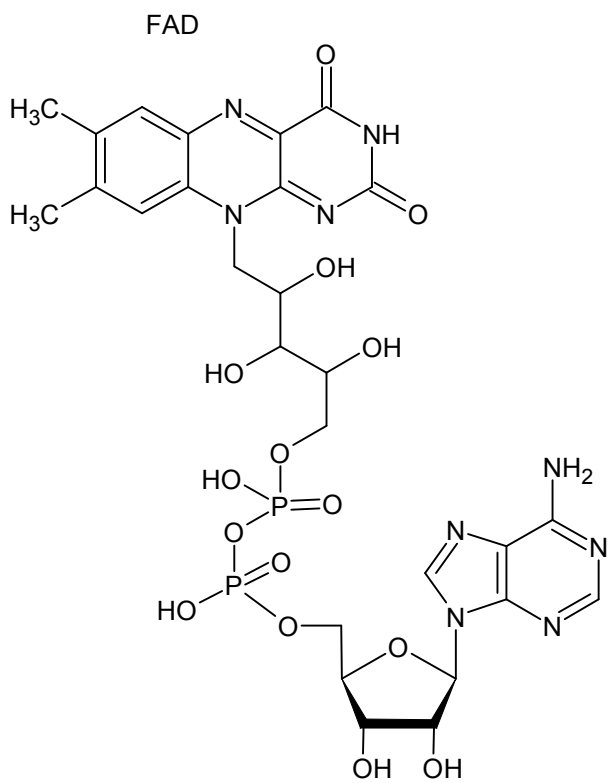
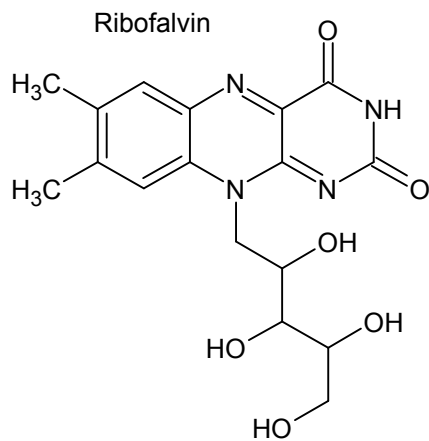
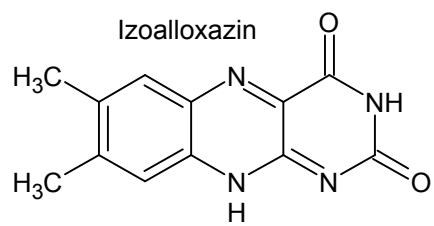


Piridin

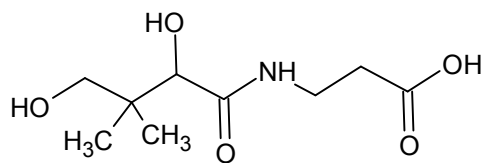


Nikotinsavamid

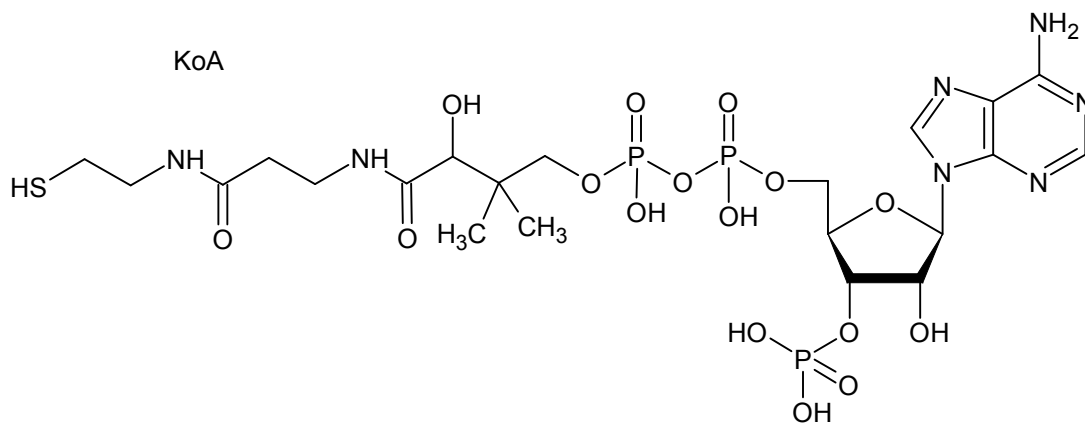




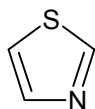
Pantoténsav



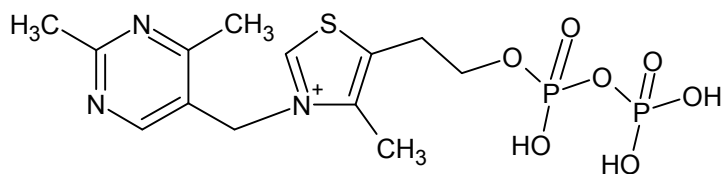
KoA



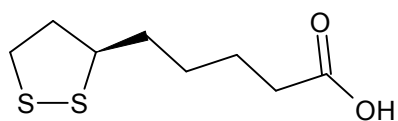
Tiazol



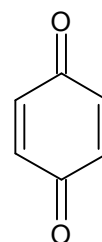
TPP



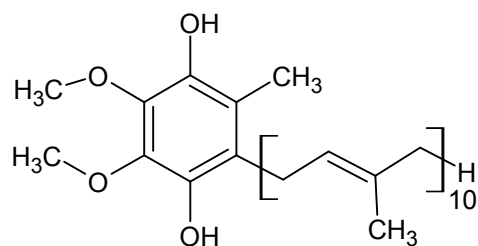
Liponsav



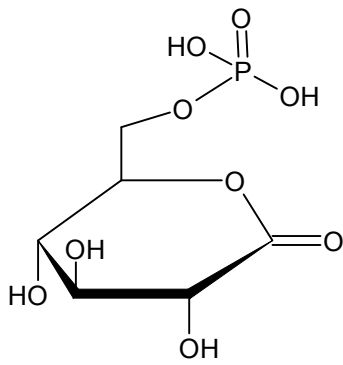
Kinon



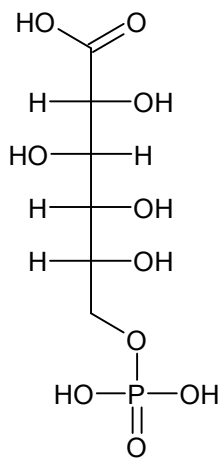
koenzim Q



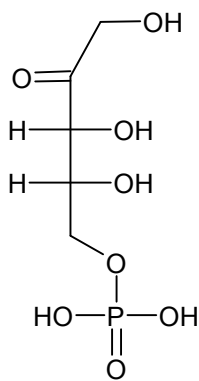
6 foszfoglukonolakton



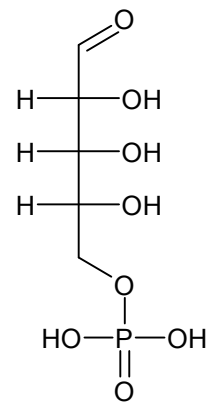
glukonsav 6 foszfát



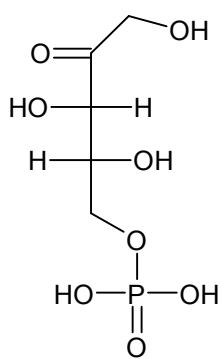
Ribulóz 5 foszfát



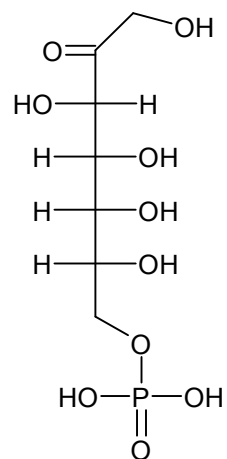
Ribóz 5 foszfát



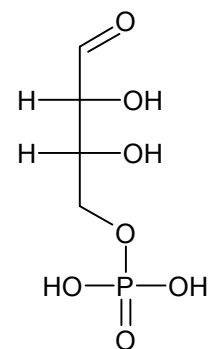
Xilulóz 5 foszfát

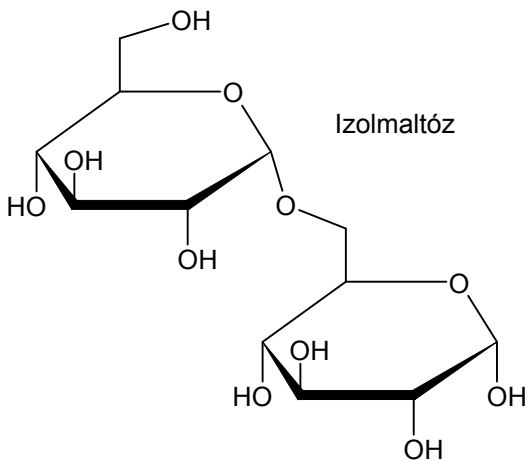
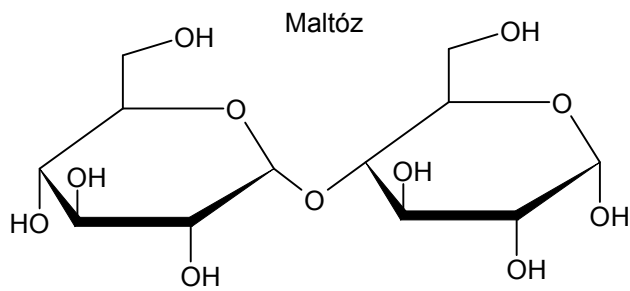


Szedoheptulóz 7 foszfát



Eritróz 4 foszfát



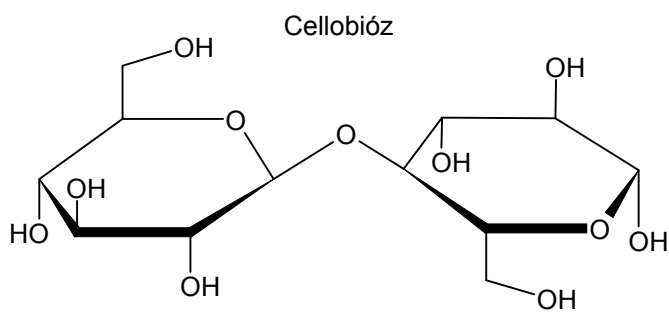


glikogén: 8 - 12 glükózegységenként van elágazódás

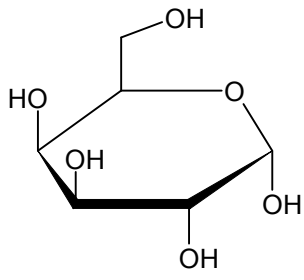
keményítő: egyenes láncú amilóz + amilopektin

amilóz: elágazódás mentes glükóz polimer

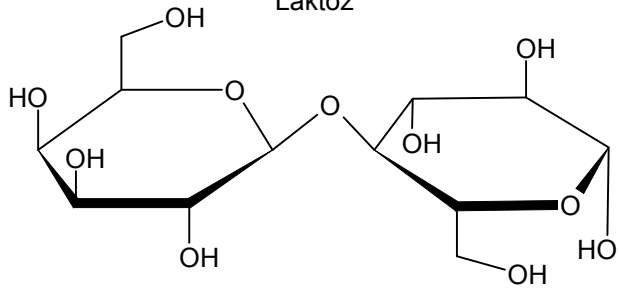
amilopektin: magas elágazási számmal rendelkező glükóz polimer (24 - 30) (növényekben)



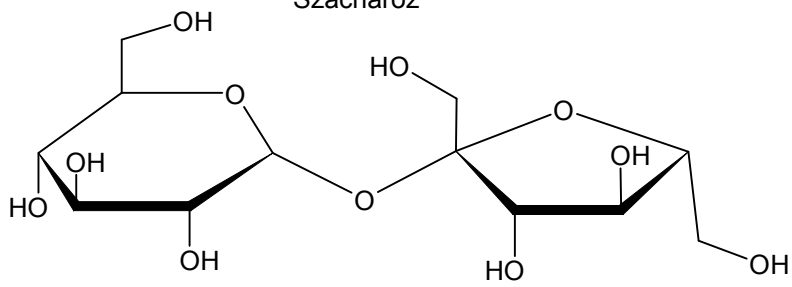
Galaktóz



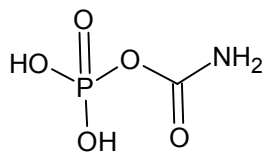
Laktóz



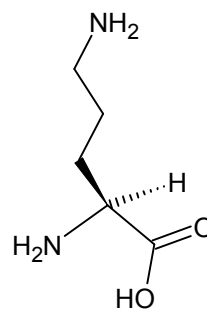
Szacharóz



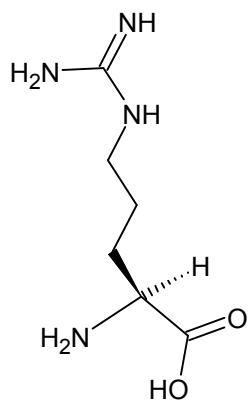
Karbamil foszfát



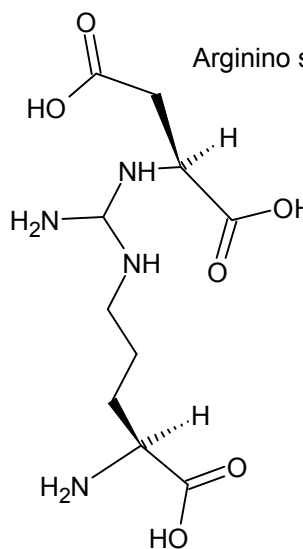
L - ornitin



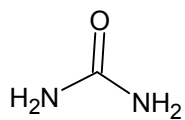
Citrullin



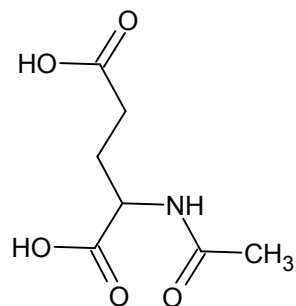
Arginino szukcinát



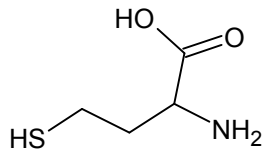
Urea



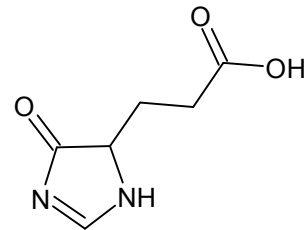
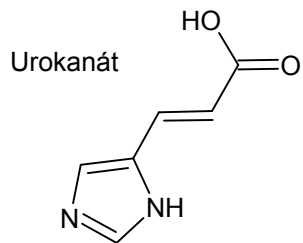
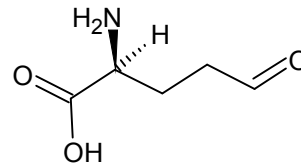
N acetil glutamát



Homocisztein

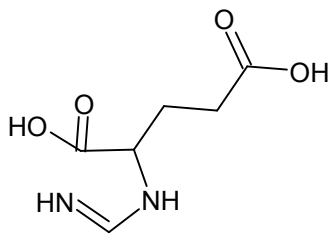


L glutamát szemialdehyd

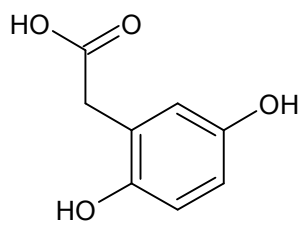
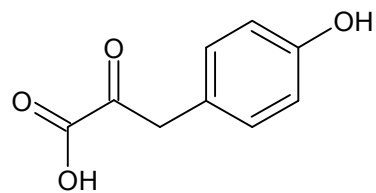


Imidazol propionát

Formiminoglutamát

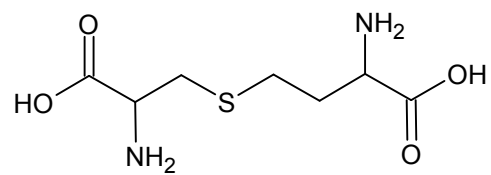


Hidroxifenilpiruvát

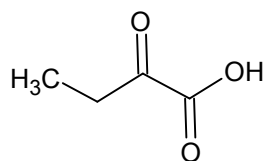


Homogentizát

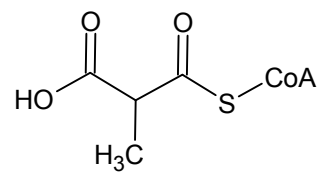
Cisztation



α ketobutirát



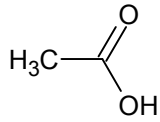
Metilmalonil KoA



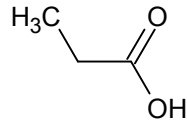
Hangyasav



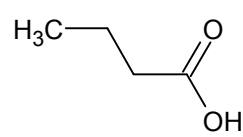
Ecetsav



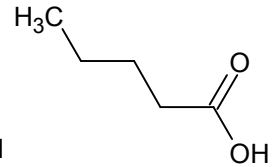
Propionsav



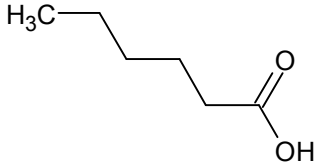
Vajsav



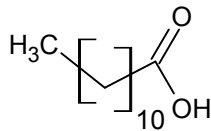
Valeiránsav



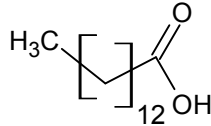
Kapronsav



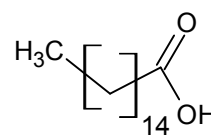
Laurinsav



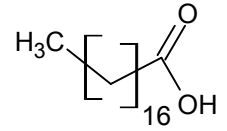
Mirisztinsav



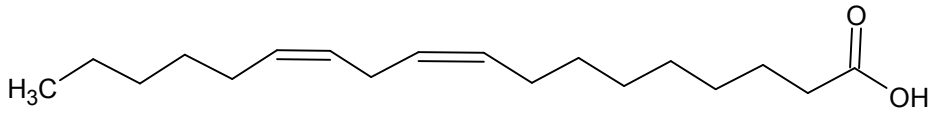
Palmitinsav



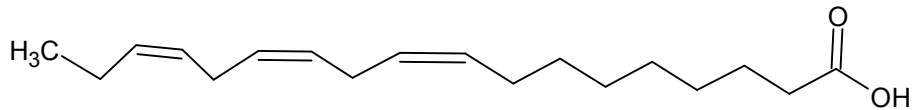
Sztearinsav



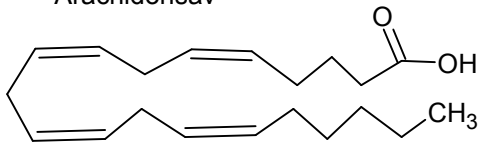
α linolsav



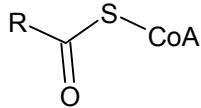
α linolénsav



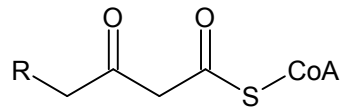
Arachidonsav



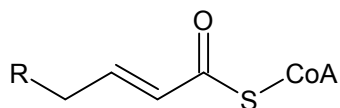
Acil KoA



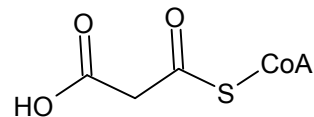
β ketoacil KoA



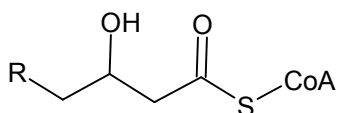
delta 2 enoil KoA



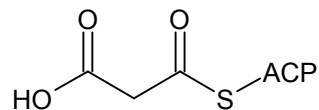
Malonil KoA



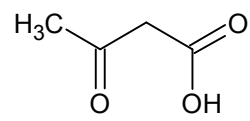
3 hidroxiacil KoA



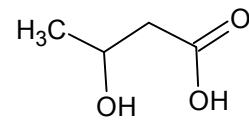
Malonil ACP



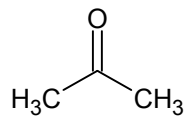
Acetoacetát



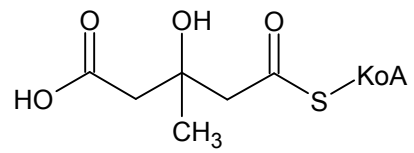
β hidroxibutirát



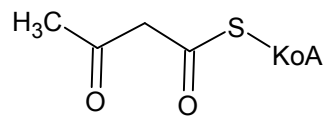
Aceton



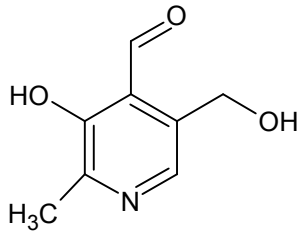
HMG KoA



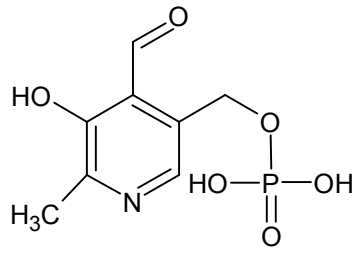
Acetoacetyl KoA



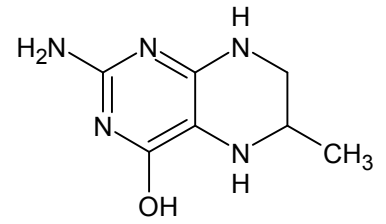
Piridoxál



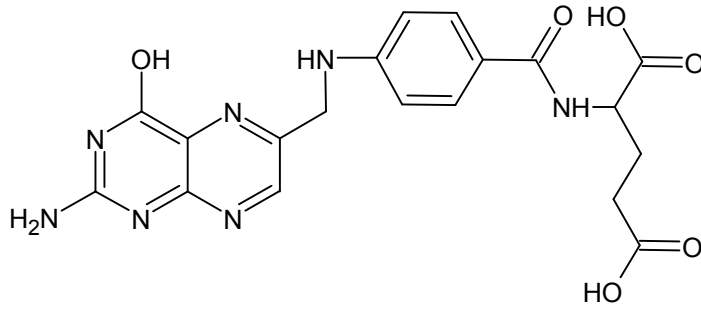
Piridoxál foszfát (PLP)



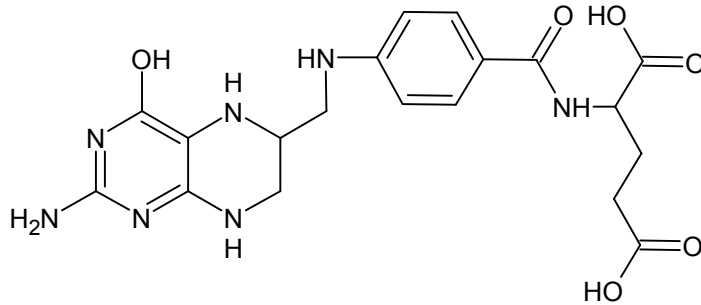
Pteridin



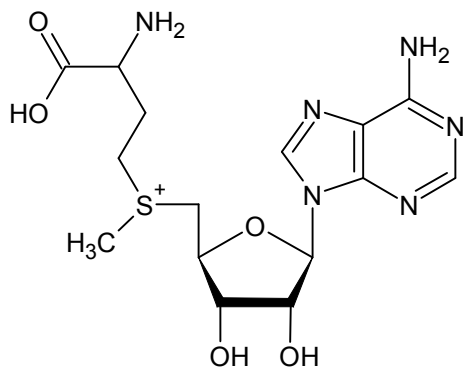
folsav



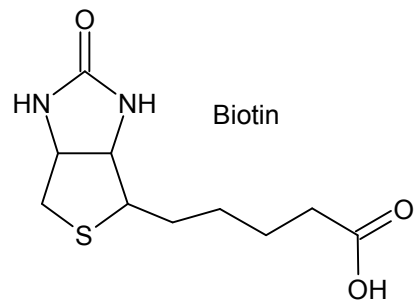
THF (tetrahidrofolát)

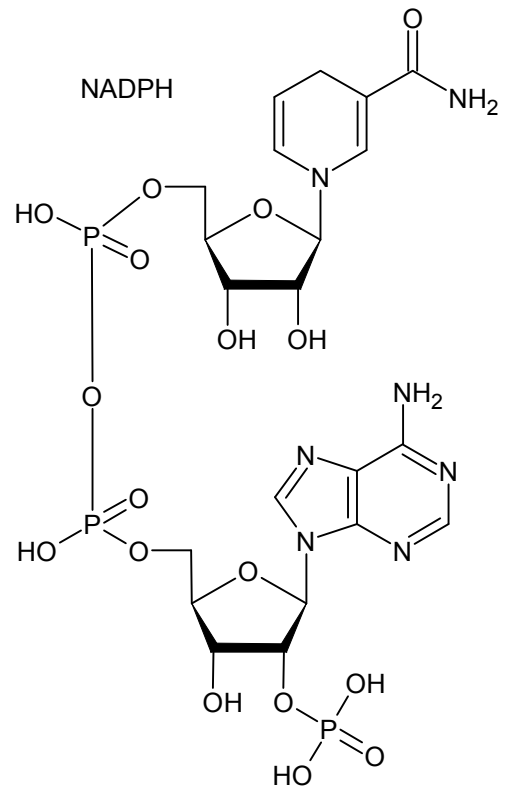
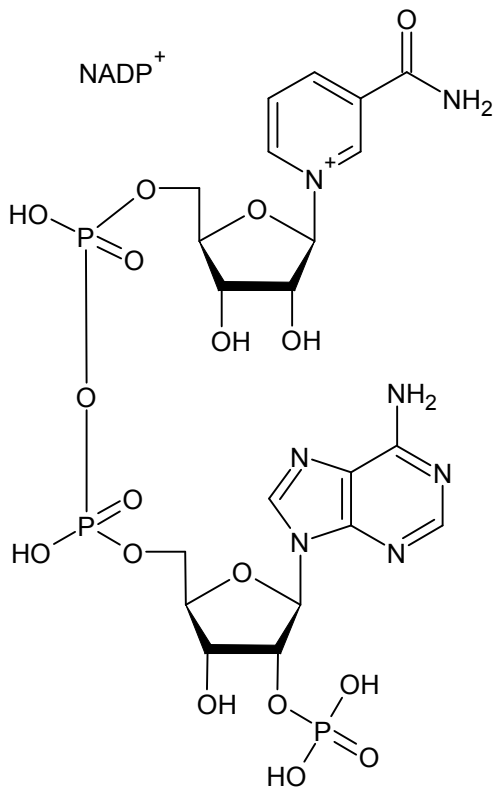


SAM

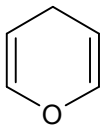


Biotin

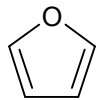




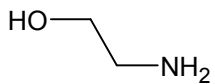
Pirán



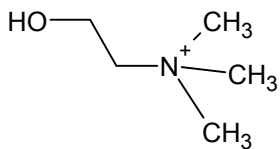
Furán



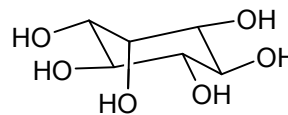
Etanolamin



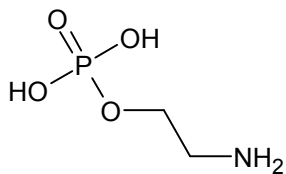
Kolin



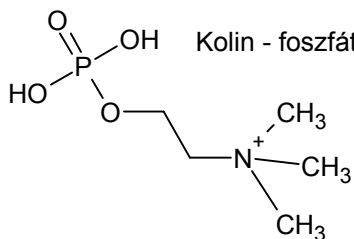
Inozit



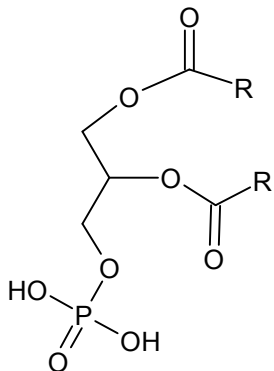
Etanolamin - foszfát



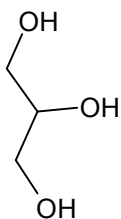
Kolin - foszfát



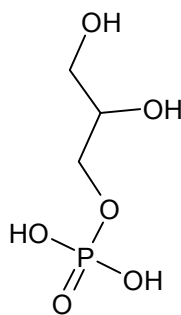
Foszfatidsav



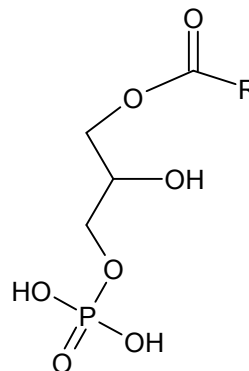
Glicerín



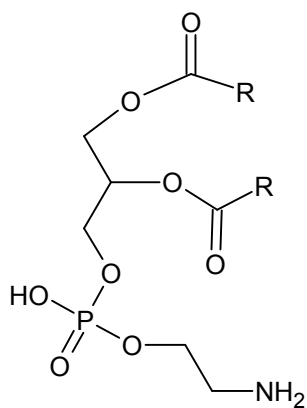
Glicerín 3 foszfát



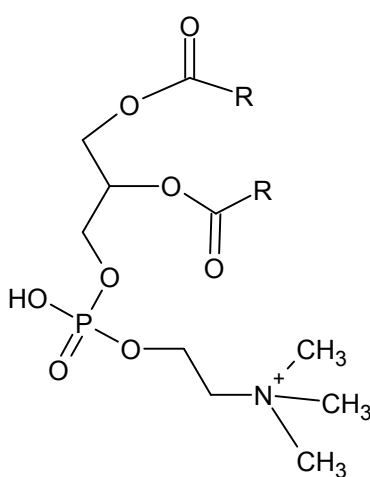
Lizofoszfatidsav



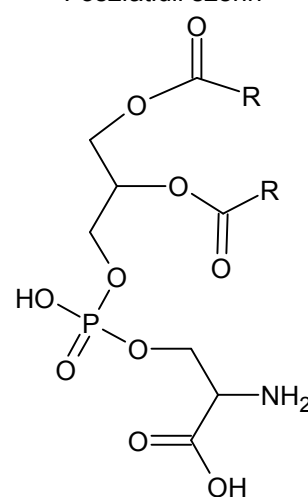
Foszfatidil etanolamin



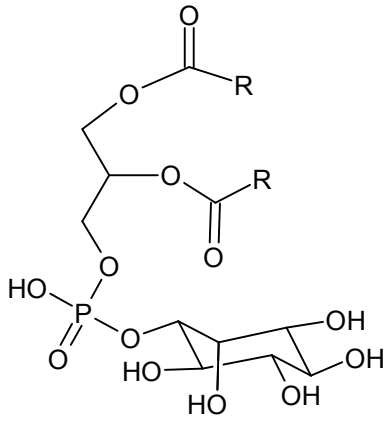
Foszfatidil kolin



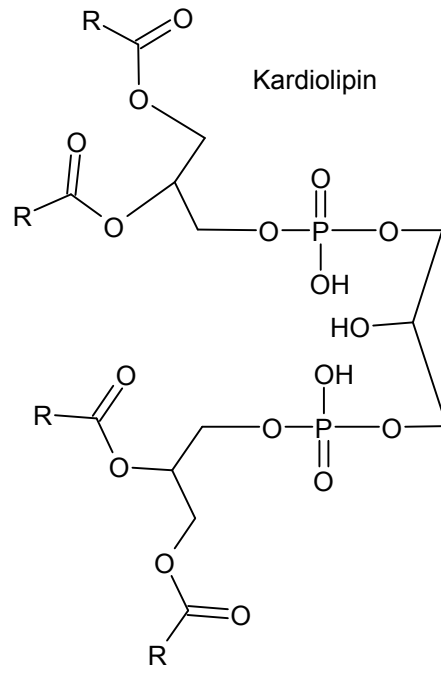
Foszfatidil szerin



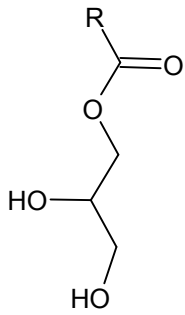
Foszfatidil inozit



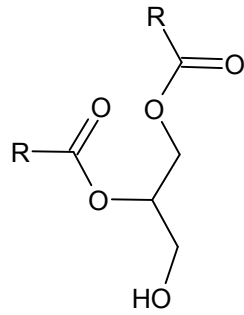
Kardiolipin



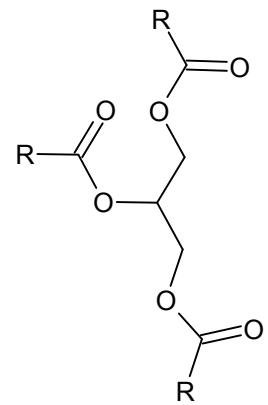
MAG



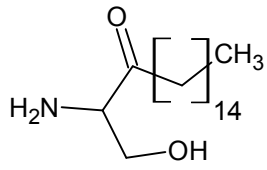
DAG



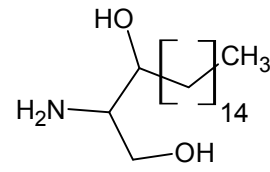
TAG



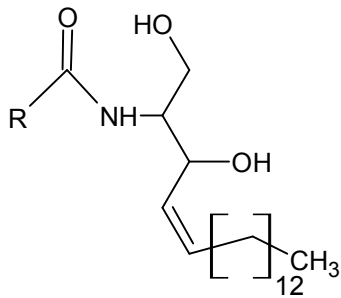
Ketodihidroszingozin



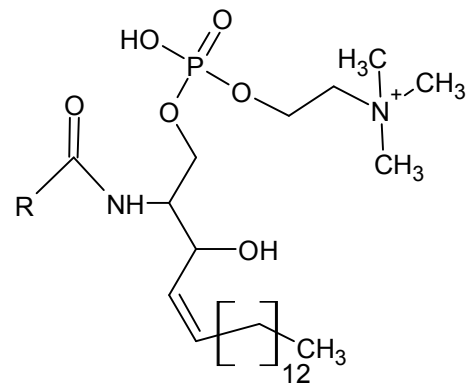
Szfinganin



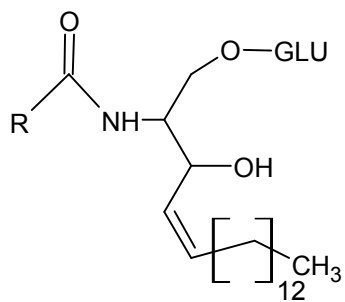
Ceramid



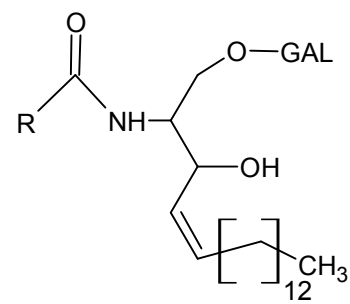
Szfingomielin



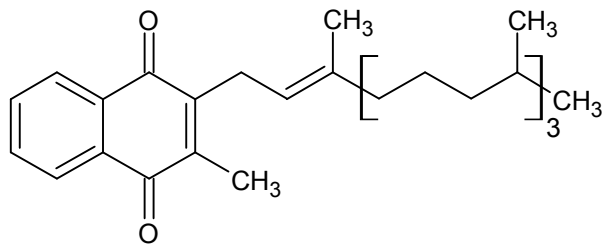
Glukoziłcerebrozid



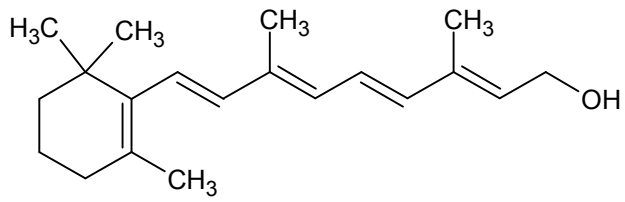
Galaktoziłcerebrozid



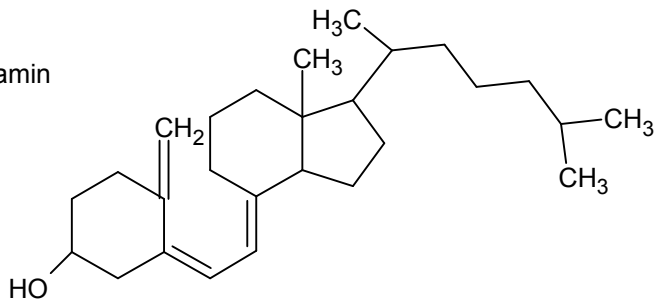
K vitamin



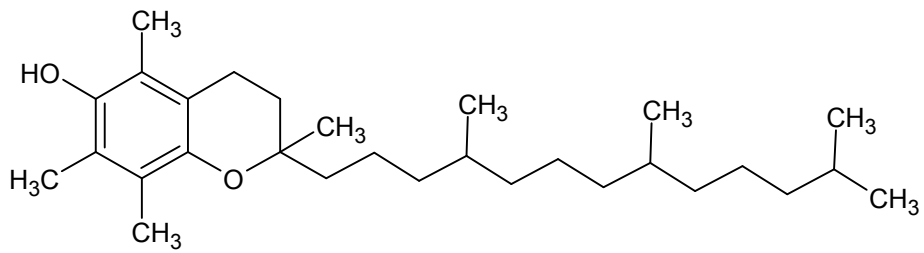
A vitamin



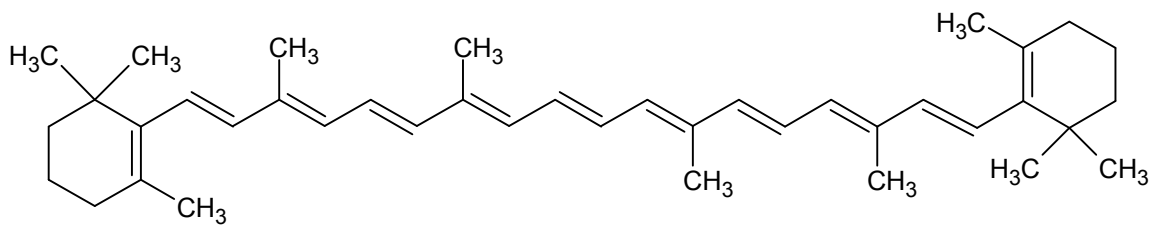
D vitamin



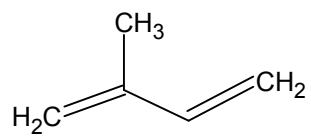
E vitamin



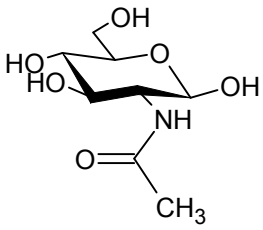
β-karotin



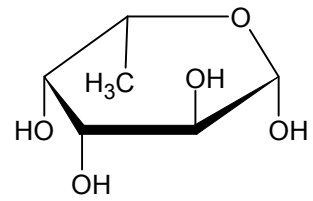
Izoprén



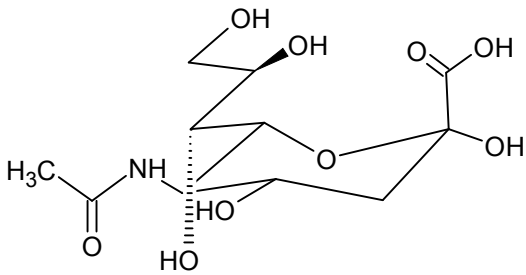
N acetilglukózamin



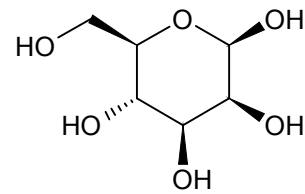
L fukóz



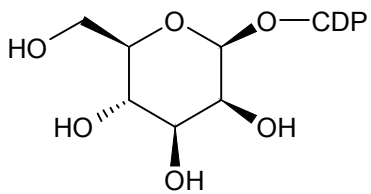
Sziálsav=N acetil neuraminsav



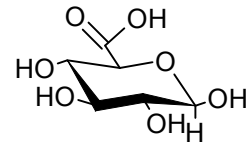
D mannóz



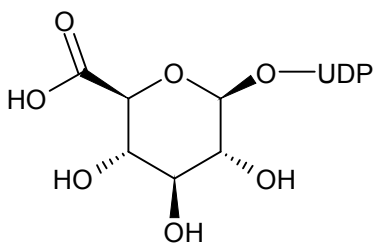
CDP mannóz



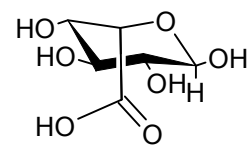
D glukuronsav



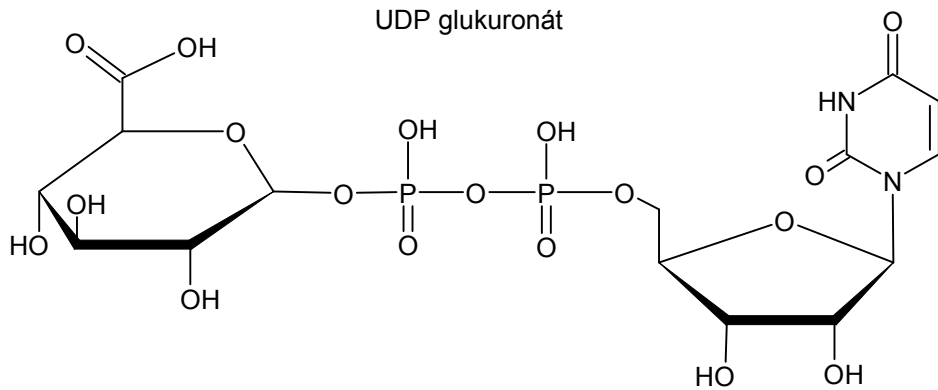
UDP glukuronsav



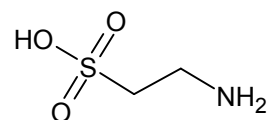
L iduronsav



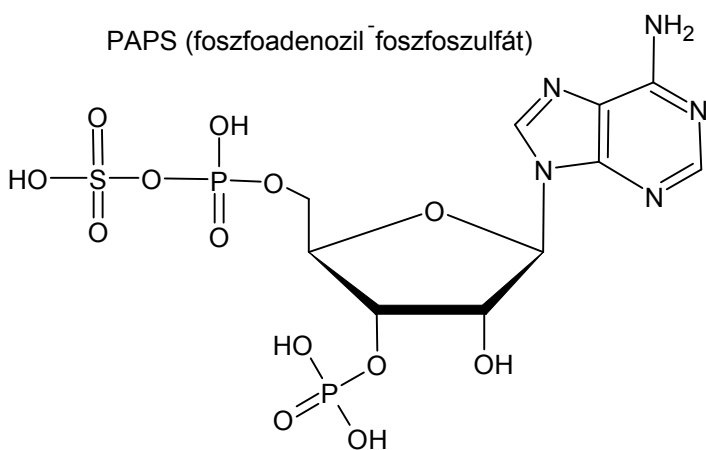
UDP glukuronát



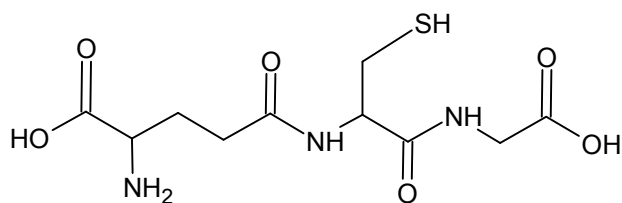
Taurin



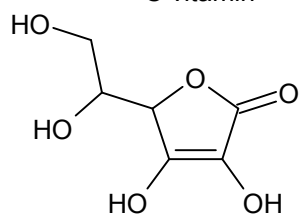
PAPS (foszfoadenozil⁻foszfoszulfát)



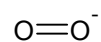
GSH (glutation)



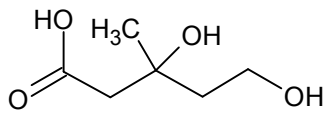
C vitamin



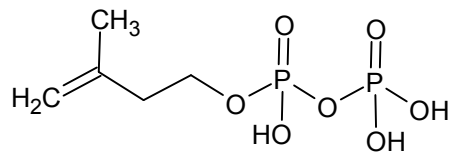
Szuperoxid⁻anion



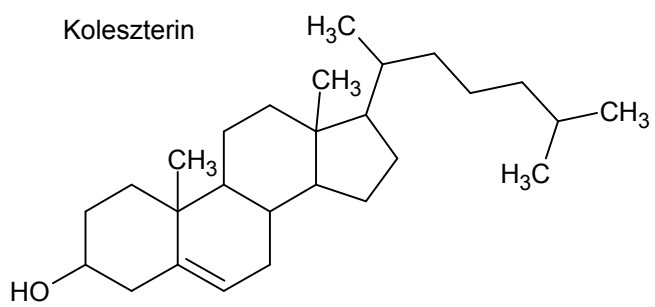
Mevalonsav

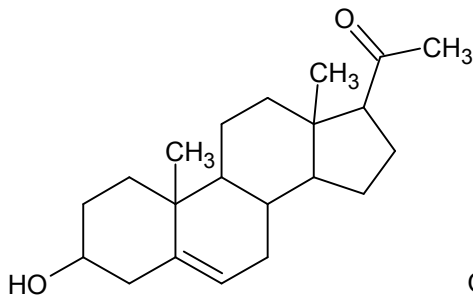


Izopentenil pirofoszfát

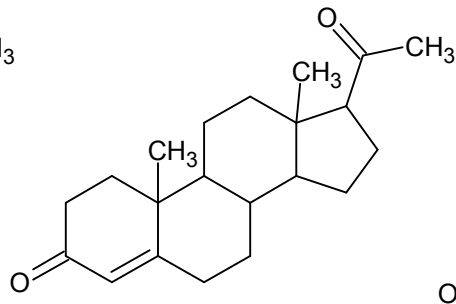


Koleszterin

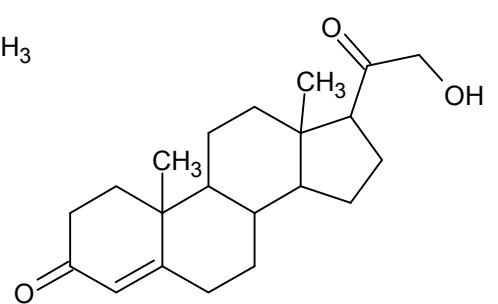




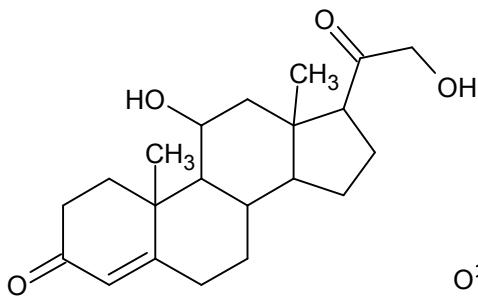
Pregnenolon



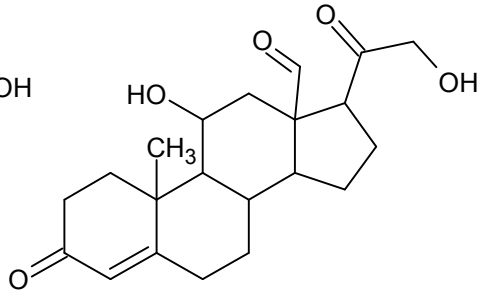
Progeszteron



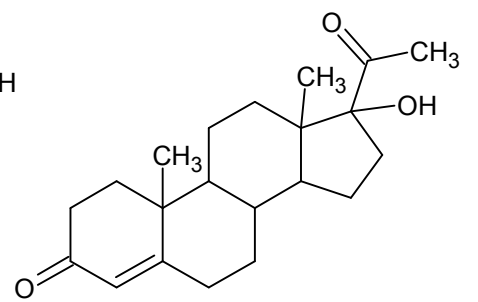
11 deoxikortikoszteron



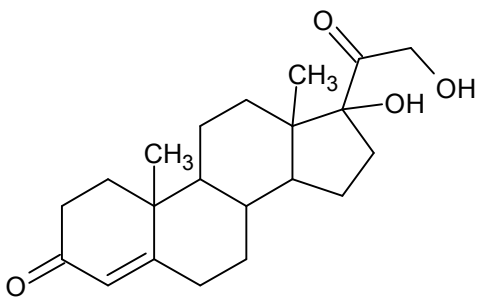
Kortikoszteron



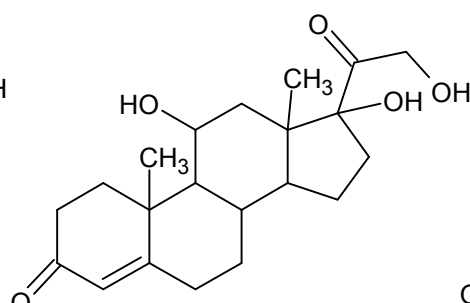
Aldoszteron



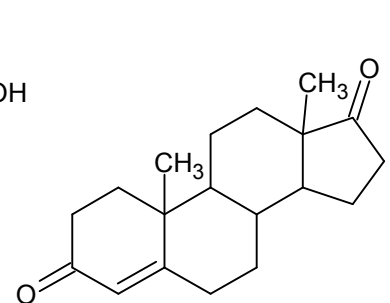
17 hidroxiprogeszteron



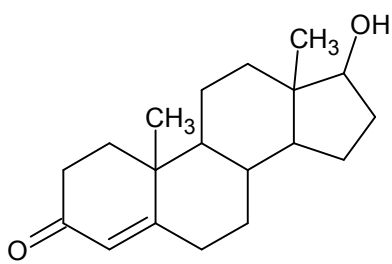
11 deoxikortizol



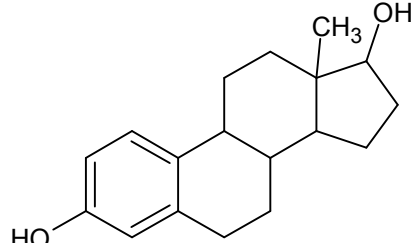
Kortizol



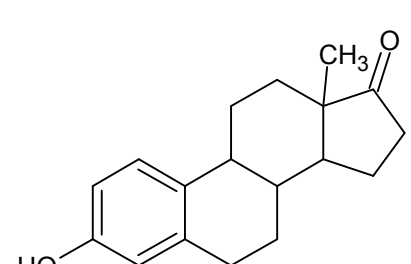
Androszténdiol



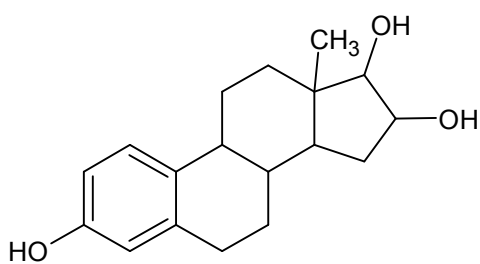
Tesztoszteron



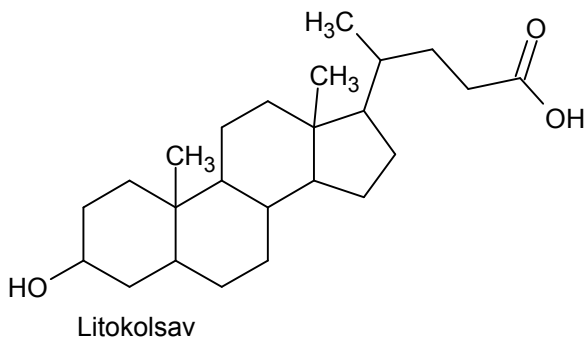
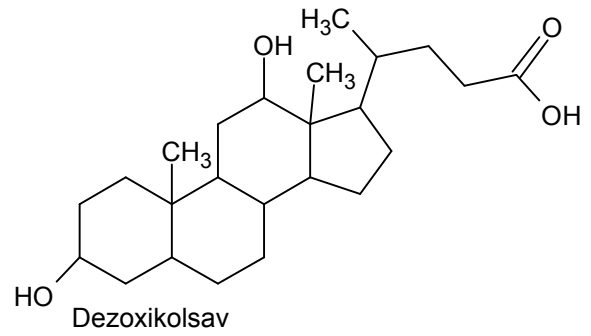
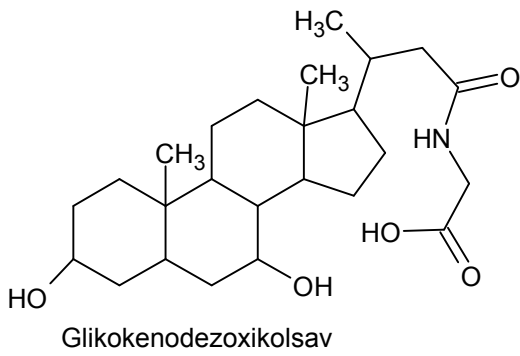
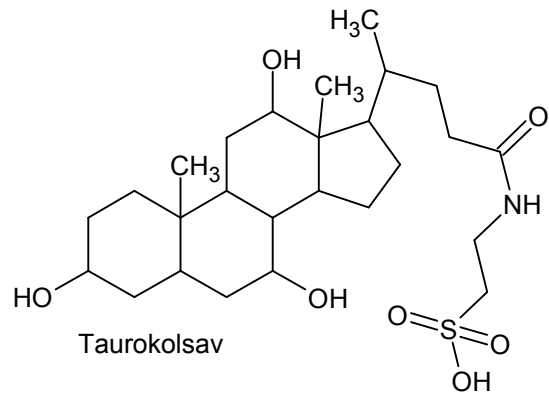
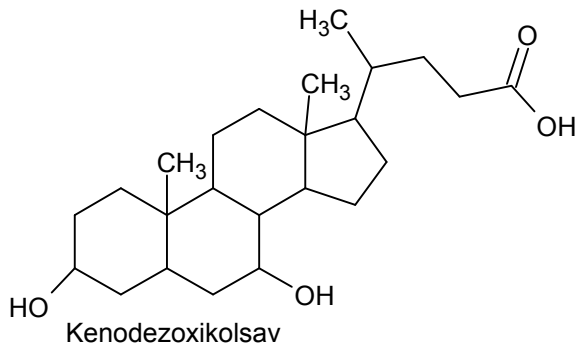
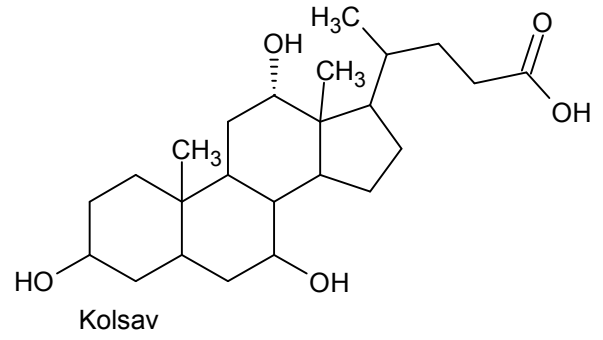
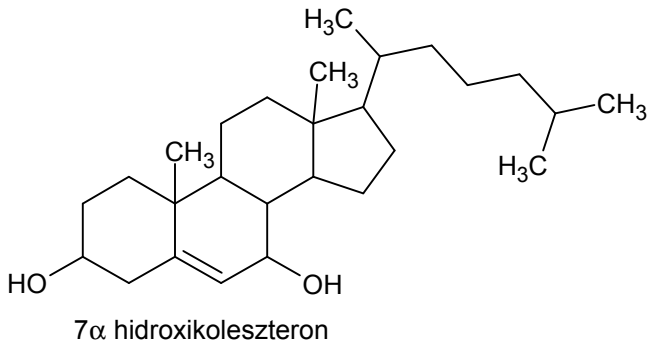
Ösztradiol

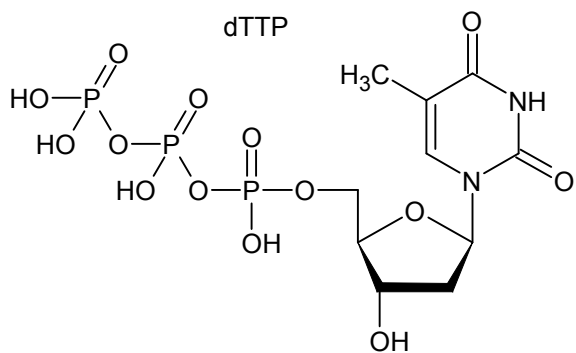
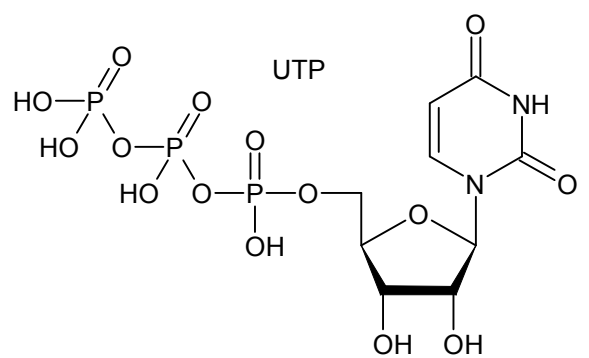
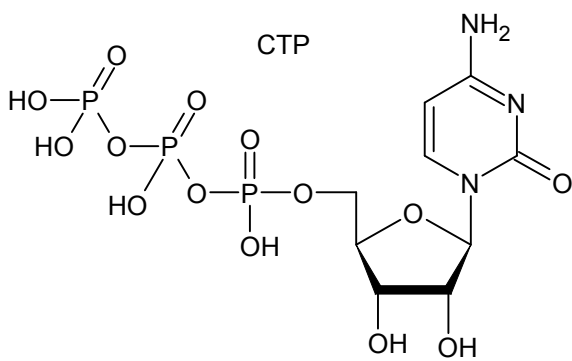
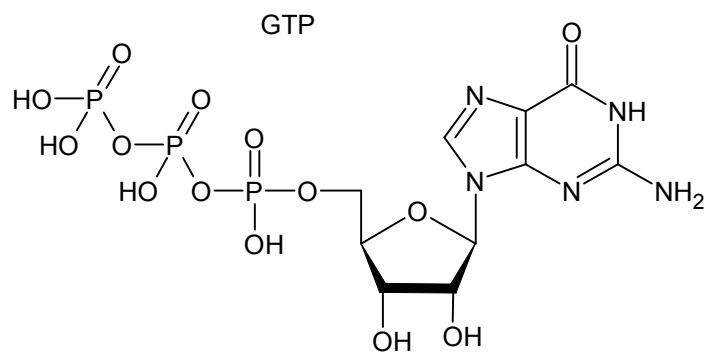
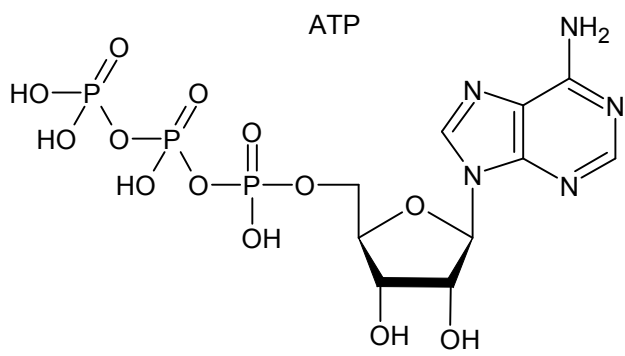


Ösztron

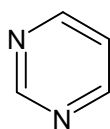


Ösztriol

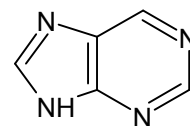




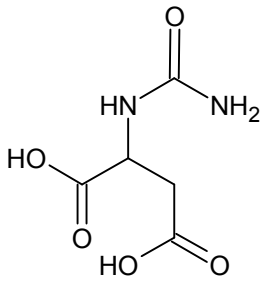
Pirimidin



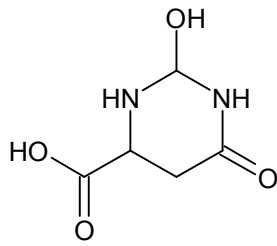
Purin



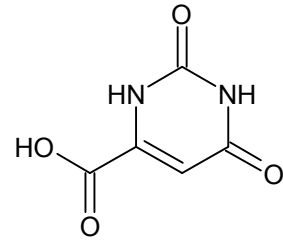
N⁻ karbamil aszpartát



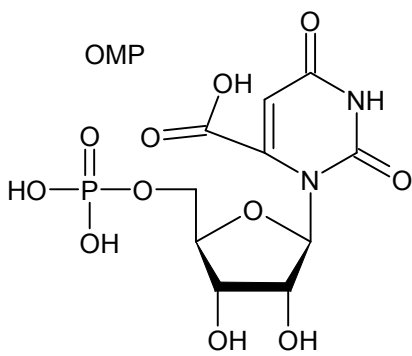
Dihidrorotát



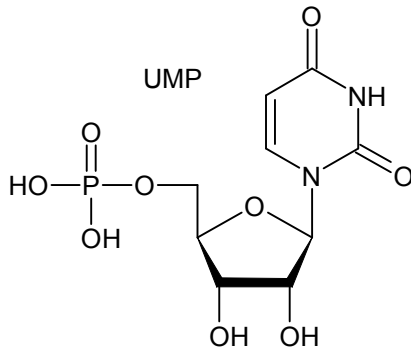
Orotát



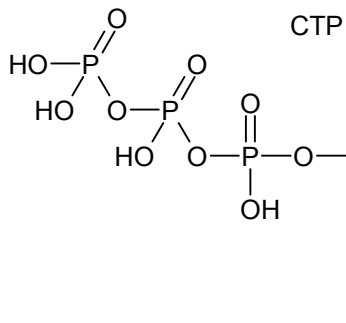
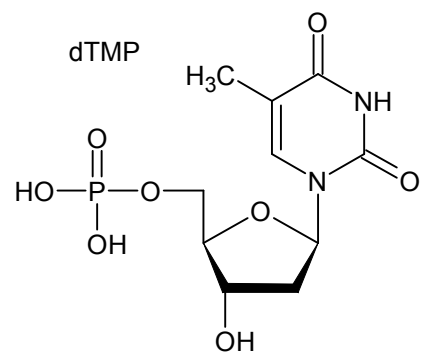
OMP



UMP

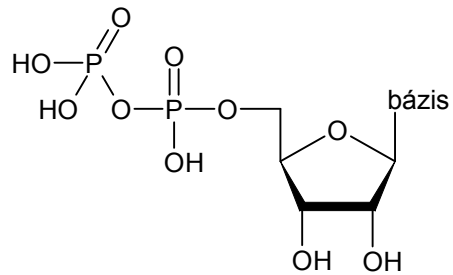


dTMP



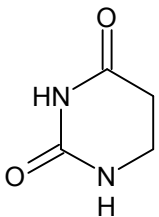
CTP

Nukleozid⁻ difoszfát

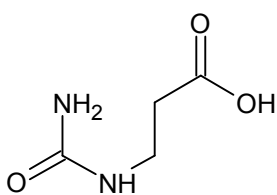


bázis

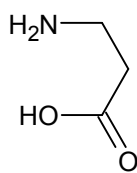
Dihidrouracil



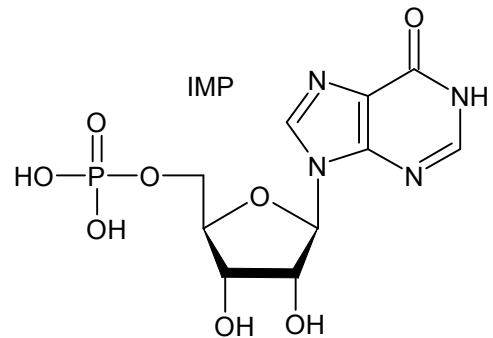
β-ureidopropionát



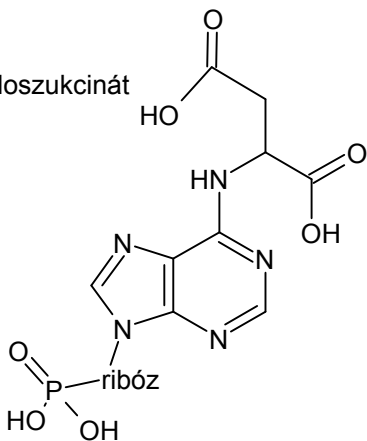
β-alanin



IMP

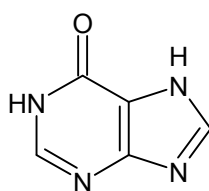


Adeniloszukcinát

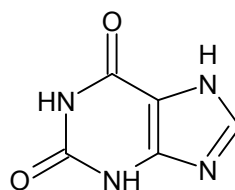


ribóz

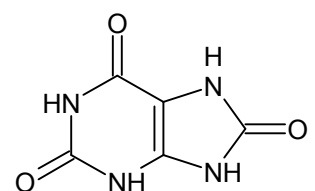
hipoxantin



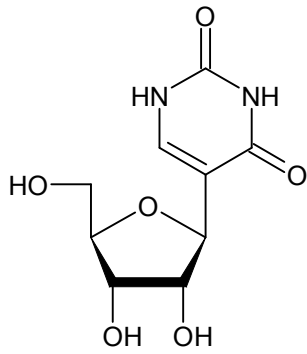
Xantin



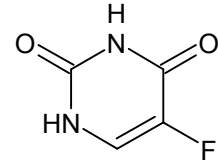
Húgysav



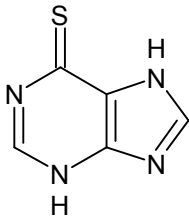
Pseudouridin



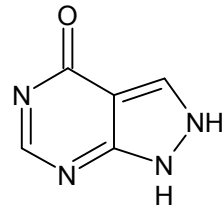
Fluorouracil



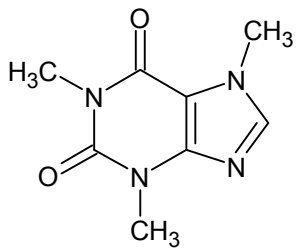
6 merkaptopurin



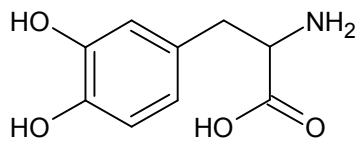
Allopurinol



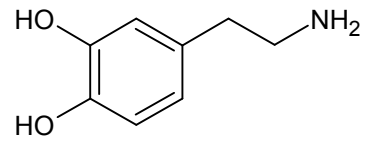
Koffein



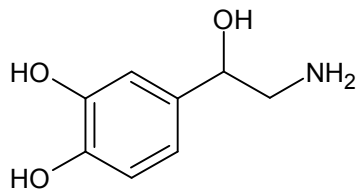
L DOPA



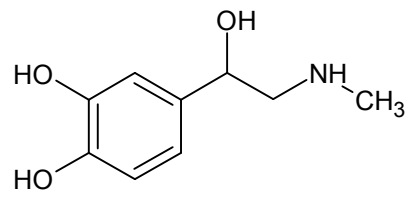
Dopamin



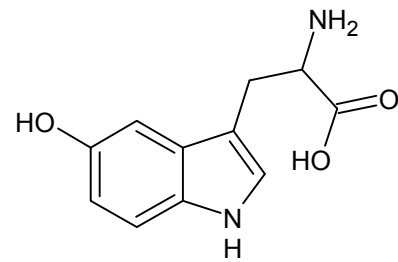
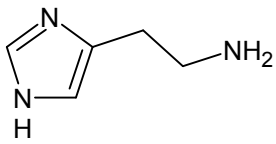
Noradrenalin



Adrenalin

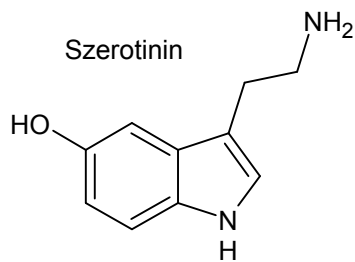


Hisztamin

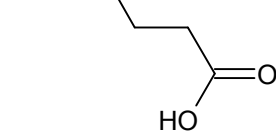


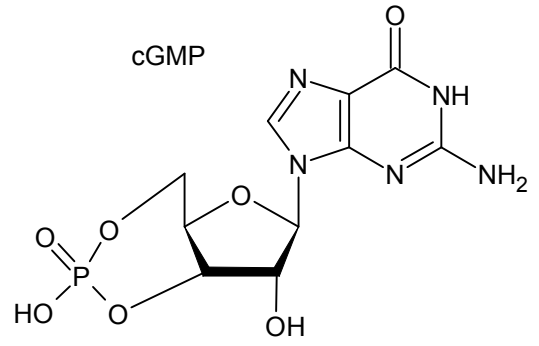
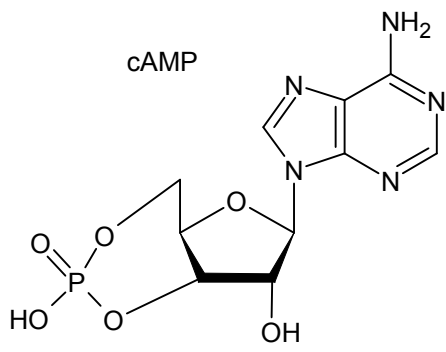
5 Hidroxitriptofán

Szerotinin



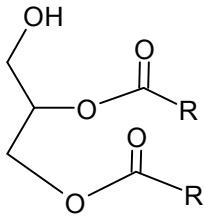
H₂N-γ-aminobutyrate GABA



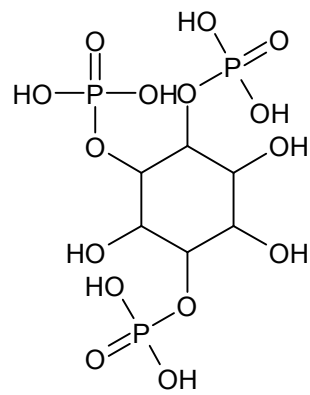


NO

DAG



IP₃



PAF

