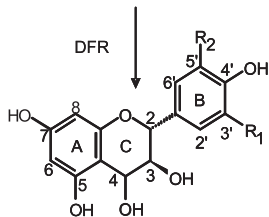
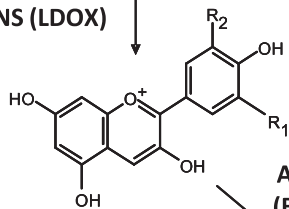


Dihydroflavonols



Leucoanthocyanidin

ANS (LDOX)



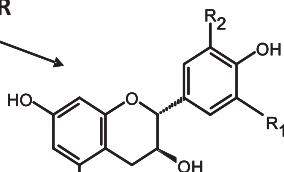
3-OH-Anthocyanins

R1=R2=H, pelargonidin
R1=OH, R2=H, cyanidin
R1=R2=OH, delphinidin

OMT ↓
UFGT ↓
RT ↓

Anthocyanins

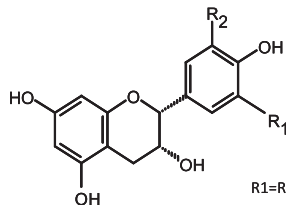
LAR



2,3-trans-flavan-3-ols

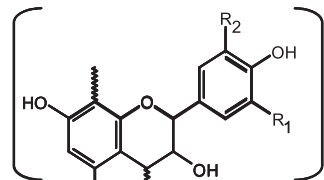
R1=R2=H, (+) -afzelechin
R1=OH, R2=H, (+) -catechin
R1=R2=OH, (+) -gallocatechin

ANR (BAN)



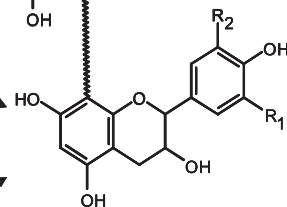
2,3-cis-flavan-3-ols

Proanthocyanidin Polymer



Leucoanthocyanidin

Extension subunits



Flavan-3-ols

Terminal subunits

R1=R2=H, (-) -epiafzelechin

R1=OH, R2=H, (-) -epicatechin

R1=R2=OH, (-) -epigallocatechin