STRUCTURE
CHEMICAL STRUCTURES OF PHENOLIC COMPOUNDS

Phloroglucinol  Salicylic acid  P-Hydroxy benzoic acid  m-Hydroxy benzoic acid

Gentisic acid  Protocatechuic acid  α-Resorcylic acid  β-Resorcylic acid

Vanillic acid  Syringic acid  Homo-protocatechuic acid

Cinnamic acid  O-Coumaric acid  Trans-p-coumaric acid

Melilotic acid  Phloretic acid
CHEMICAL STRUCTURES OF PHENOLIC COMPOUNDS

Caffeic acid

Coumarin

Aesculetin

Scopoletin

Cis-Ferulic acid

Trans-Ferulic acid

Iso-Chlorogenic acid

Neo-Chlorogenic acid

Chlorogenic acid

Cis-\( \beta \)-Coumaric acid

Cis -sinapic acid

Trans -sinapic acid
CHEMICAL STRUCTURES FOR FLAVONOIDs

Apigenin

Vitexin

Luteolin

Kaempferol

Quercetin

Myrecetin

Rutin

Orientin
CHEMICAL STRUCTURES FOR ANTHOCYANIDINS

Delphinidin

Cyanidin

Pelargonidin

Peonidin

Malvidin

Petunidin