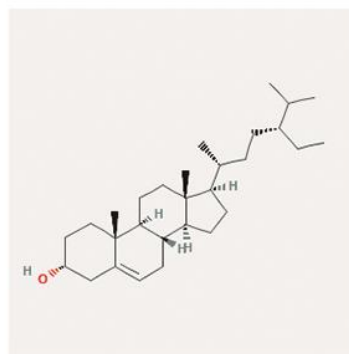
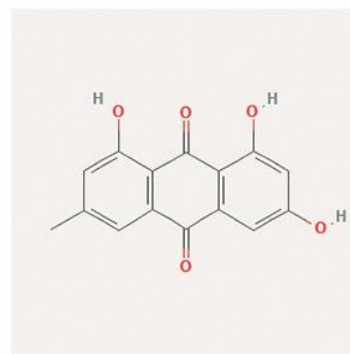


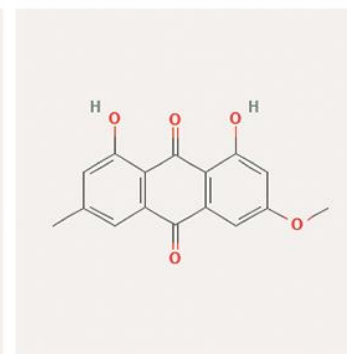
beta-sitosterol



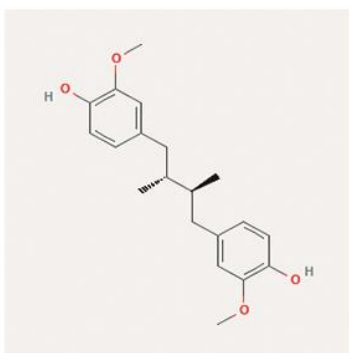
sitosterol



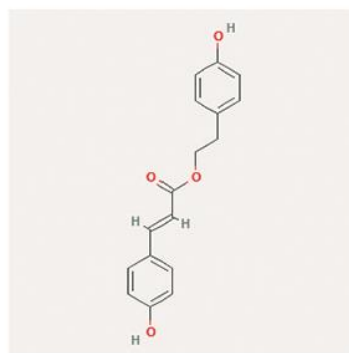
emodin



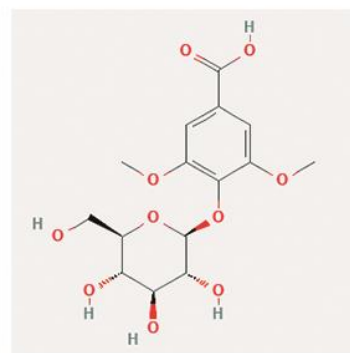
physcion



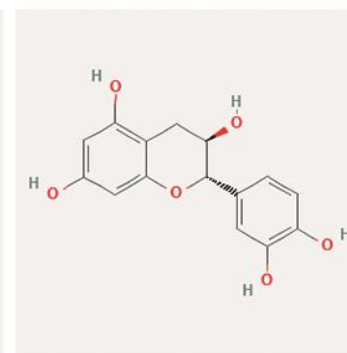
meso-dihydroguaiaretic
acid



3-(4-Hydroxyphenyl)acrylic
acid 4-hydroxyphenethyl ester



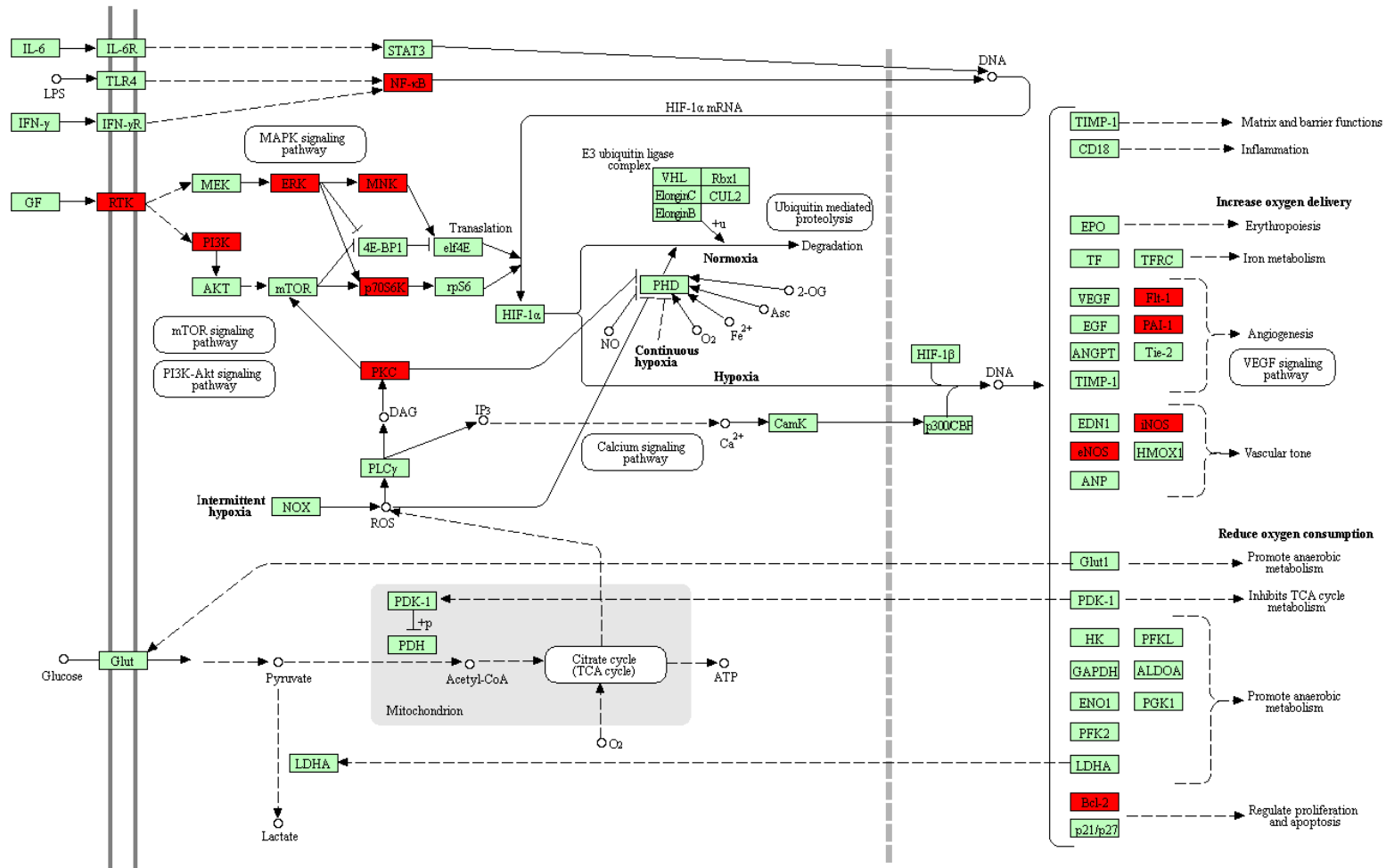
glucosyringic acid



(-)-catechin

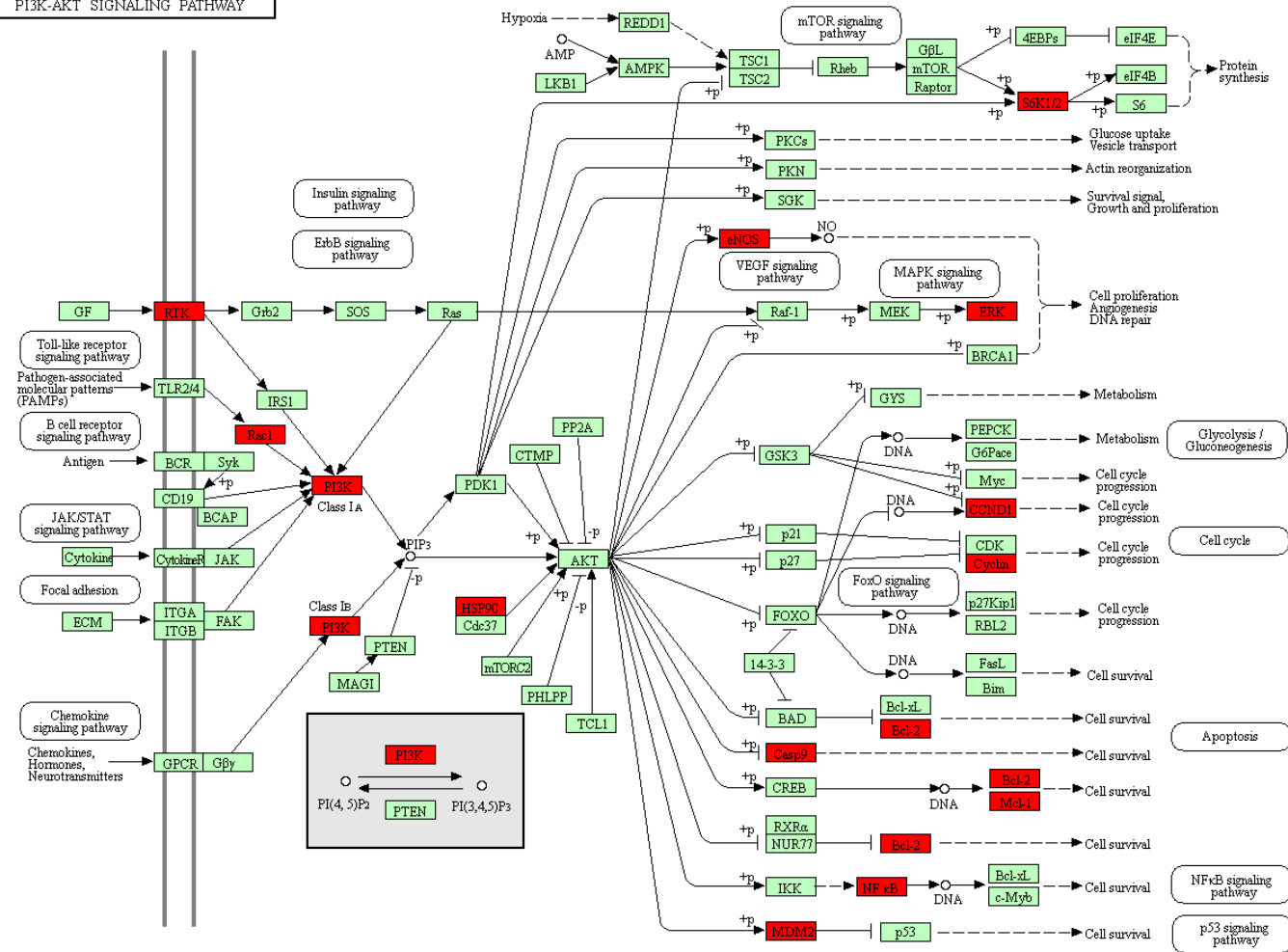
Supplementary Figure 1. Chemical structures of the components in *Caulis Sargentodoxae*.

HIF-1 SIGNALING PATHWAY



Supplementary Figure 2. HIF-1 signaling pathway(KEGG). Red nodes represent the targets regulated by *Caulis Sargentodoxae* in UC.

PI3K-AKT SIGNALING PATHWAY



Supplementary Figure 3. PI3K-Akt signaling pathway(KEGG). Red nodes represent the targets regulated by *Caulis Sargentodoxae* in UC.

Supplementary Table 1. Toxicity prediction of 8 active components in *Caulis Sargentodoxae*

Molecule Name	Carcinogenicity (binary)	Carcinogenicity (trinary)	Ames mutagenesis	Hepatotoxicity	Acute Oral Toxicity
beta-sitosterol	-	Non-required	-	-	3.059kg/mol
sitosterol	-	Non-required	-	-	3.059kg/mol
emodin	-	Non-required	-	+	2.564kg/mol
physcion	-	Non-required	+	+	2.665kg/mol
meso-dihydroguaiaretic acid	-	Non-required	-	-	1.969kg/mol
3-(4- Hydroxyphenyl)acrylic acid 4- hydroxyphenethyl ester	-	Non-required	-	-	1.904kg/mol
glucosyringic acid	-	Non-required	-	-	2.369kg/mol
(-)-catechin	-	Non-required	+	-	1.972kg/mol