

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Chemicals for Hepatoprotective**

Chemical	Dosage
(+)-ALPHA-VINIFERIN	--
(+)-CATECHIN	--
(+)-CYANIDANOL-3	--
(-)-EPIGALLOCATECHIN-GALLATE	--
11-DEHYDROPAPYRIOGENIN	--
11-DEOXYGLYCYRRHETINIC-ACID	--
3,3'-DIMETHYLELLAGIC-ACID	IC80=30 ug/ml
4'-DIMETHYLPDOPHYLLOTOXIN	--
6,7-DIMETHYLAESCULETIN	--
6-(ALPHA-APIOFURANOSYL)-(1->6)-O-BETA-D-GLUCOPYRANOSYL-OXY)-RUBROFUSARIN	--
6-GINGEROL	--
6-SHOGAOL	--
7-O-ANGELYLHELIOTRIDINE	--
ACACETIN	IC50=2.06 ppm
ACACETIN	IC50=7.25 uM
ACANTHOIC-ACID	--
ACETYLCYSTEINE	1,200 mg/kg orl rat
ACETYLCYSTEINE	400-653 mg/kg ipr rat
AESCULETIN	6 mg/kg mus
AGATHISFLAVONE	--
ALISOL-A-MONOACETATE	--
ALISOL-B-MONOACETATE	--
ALISOL-C-MONOACETATE	--
ALIZARIN	--
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	54 ppm
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	IC50=140 uM
ALLIIN	--

Chemical	Dosage
ALPHA-AMYRIN	--
ALPHA-PELTATIN	--
AMAROGENIN	--
AMERICANIN	--
ANDROGRAPHOLIDE	3-12 mg/kg orl rat
ANDROGRAPHOSIDE	--
ANGELICIN	0.34 ppm
ANGELICIN	IC50=1.83 uM
ARACHIDONIC-ACID	--
ARCAPILLIN	--
ATRACTYLENOLIDE	--
ATRACTYLON	--
AUCUBIN	--
BAICALIN	--
BELLIDIFOLIN	--
BELLIDIFOLINE	--
BENZOYLCATALPOL	--
BETA-AMYRIN	--
BETA-EUDESOL	--
BETA-PELTATIN	--
BETA-SITOSTEROL	--
BETAINE	--
BOLDINE	--
BORNEOL	--
BREVIFOLIN	IC10=100 g/ml
CACTISIN	--
CAFFEIC-ACID	--

Chemical	Dosage
CAPILLARISIN	--
CARPESTEROL	--
CATECHIN	--
CEPHARANTHINE	--
CHLOROGENIC-ACID	--
CHOLINE	--
CHONDROCURINE	10 mg/kg
CHRYSIN	IC50=2.08 ppm
CHRYSIN	IC50=8.19 uM
CINNAMOYLHISTAMINE	--
COLCHICINE	--
CURCUMIN	30 ppm
CURCUMIN	30 mg/kg/day
CYCLEANINE	10 mg/kg
CYNARIN	100 mg/kg
DEOXYGOMOSIN-A	--
DESOXYPODOPHYLLOTOXIN	--
DI-P-COUMAROYL-METHANE	--
DIOGENIN	--
ELLAGIC-ACID	IC55=30 ug/ml
EPSILON-VINIFERIN	--
ESCULETIN	6 mg/kg mus
EUGENOL	100 ppm
FERULIC-ACID	--
FERULOYLHISTAMINE	--
FLAVONE	IC50=0.48 ppm
FLAVONE	IC50=1.31 uM

Chemical	Dosage
GALLIC-ACID	--
GENIPOSIDE	--
GINGEROL	--
GINSENOSIDE-RH1	--
GLYCYRRHETIC-ACID	--
GLYCYRRHETINIC-ACID	--
GLYCYRRHIZIC-ACID	--
GLYCYRRHIZIN	--
GOMISIN-E	--
GOMOSIN-A	--
GOMOSIN-C	--
GOMOSIN-N	--
GYPSOGENIC-ACID	--
HELICTERILIC-ACID	--
HERNIARIN	--
HESPERETIN	--
HINESOL	--
HORDENINE	--
HYPERIN	IC80=30 ug/ml
HYPEROSIDE	IC80=30 ug/ml
IMPERATORIN	0.7 ppm
IMPERATORIN	IC50=2.66 uM
INDOLE-3-CARBINOL	--
IRIGENIN	--
ISORHAMNETIN	--
ISORHAMNETIN-3-GALACTOSIDE	--
ISORHAMNETIN-3-GLUCOSIDE	--

Chemical	Dosage
KAEMPFEROL	IC50=1.30 ppm
KAEMPFEROL	IC50=5.46 uM
KHASIANINE	--
L-GLUTATHIONE	--
LECITHIN	--
LINDSTRENE	--
LINOLEIC-ACID	--
LUTEOLIN	--
METHIONINE	--
METHYLBELLIDIFOLIN	--
METHYLSWERTIANIN	--
NARINGENIN	IC50=12 uM
NARINGENIN	IC50=3.37 ppm
NIACIN	--
OLEANOLIC-ACID	--
P-COUMAROYL-FERULOYL-METHANE	--
PANGAMIC-ACID	--
PAPYRIOGENIN	--
PICEID	--
PICROSIDE-I	--
PICROSIDE-II	--
PIPERINE	--
POLYDATIN	--
POLYPHENOLS	--
PROANTHOCYANIDINS	--
PROPAPYRIOGENIN	--
PUERARIN	--

Chemical	Dosage
PUNICALAGIN	--
PUNICALIN	--
QUERCETIN	--
RESERPINE	--
RESVERATROL	--
RHAMNETIN	IC50=1.29 uM
RUTIN	20 mg/kg rat
S-ALLYL-L-CYSTEINE	--
S-ALLYLMERCAPTOCYSTEINE	--
SCHISANDRIN	--
SCHISANHENOL	--
SCHIZANDROL-B	--
SCOPARONE	--
SCOPOLETIN	--
SESAMIN	100 mg/kg
SILYCHRISTIN	--
SILYDIANIN	--
SILYMARIN	50 mg/kg ivn mus
SILYMONIN	--
SOLAMARGINE	--
SOLASODINE	--
SOLASONINE	--
SOYASAPONIN	--
SWEROSIDE	25-50 mg/kg
SWERTIAMARIN	--
SWERTISIN	--
TANNIN	--

Chemical	Dosage
TAXIFOLIN	--
TOCOPHEROL	--
URSOLIC-ACID	10 mg/kg
URSOLIC-ACID	1-100 ug/ml
VITAMIN-B	--
VITAMIN-B3	--
VITAMIN-E	--
XANTHOTOXIN	IC50=2.5 uM
XANTHOTOXIN	0.5 ppm
XYLITOL	--
ZEAXANTHIN	--
ZEAXANTHIN-DIPALMITATE	--