

Dr. Duke's Phytochemical and Ethnobotanical Databases**List of Chemicals for Hepatoprotective**

Chemical	Dosage
ZEAXANTHIN-DIPALMITATE	--
ZEAXANTHIN	--
XYLITOL	--
XANTHOTOXIN	IC50=2.5 uM
XANTHOTOXIN	0.5 ppm
VITAMIN-E	--
VITAMIN-B3	--
VITAMIN-B	--
URSOLIC-ACID	1-100 ug/ml
URSOLIC-ACID	10 mg/kg
TOCOPHEROL	--
TAXIFOLIN	--
TANNIN	--
SWERTISIN	--
SWERTIAMARIN	--
SWEROSIDE	25-50 mg/kg
SOYASAPONIN	--
SOLASONINE	--
SOLASODINE	--
SOLAMARGINE	--
SILYMONIN	--
SILYMARIN	50 mg/kg ivn mus
SILYDIANIN	--
SILYCHRISTIN	--
SESAMIN	100 mg/kg
SCOPOLETIN	--
SCOPARONE	--

Chemical	Dosage
SCHIZANDROL-B	--
SCHISANHENOL	--
SCHISANDRIN	--
S-ALLYLMERCAPTOCYSTEINE	--
S-ALLYL-L-CYSTEINE	--
RUTIN	20 mg/kg rat
RHAMNETIN	IC50=1.29 uM
RESVERATROL	--
RESERPINE	--
QUERCETIN	--
PUNICALIN	--
PUNICALAGIN	--
PUERARIN	--
PROPAPYRIOGENIN	--
PROANTHOCYANIDINS	--
POLYPHENOLS	--
POLYDATIN	--
PIPERINE	--
PICROSIDE-II	--
PICROSIDE-I	--
PICEID	--
PAPYRIOGENIN	--
PANGAMIC-ACID	--
P-COUMAROYL-FERULOYL-METHANE	--
OLEANOLIC-ACID	--
NIACIN	--
NARINGENIN	IC50=12 uM

Chemical	Dosage
NARINGENIN	IC50=3.37 ppm
METHYLSWERTIANIN	--
METHYLBELLIDIFOLIN	--
METHIONINE	--
LUTEOLIN	--
LINOLEIC-ACID	--
LINDSTRENE	--
LECITHIN	--
L-GLUTATHIONE	--
KHASIANINE	--
KAEMPFEROL	IC50=5.46 uM
KAEMPFEROL	IC50=1.30 ppm
ISORHAMNETIN-3-GLUCOSIDE	--
ISORHAMNETIN-3-GALACTOSIDE	--
ISORHAMNETIN	--
IRIGENIN	--
INDOLE-3-CARBINOL	--
IMPERATORIN	0.7 ppm
IMPERATORIN	IC50=2.66 uM
HYPEROSIDE	IC80=30 ug/ml
HYPERIN	IC80=30 ug/ml
HORDENINE	--
HINESOL	--
HESPERETIN	--
HERNIARIN	--
HELICTERILIC-ACID	--
GYPSOGENIC-ACID	--

Chemical	Dosage
GOMOSIN-N	--
GOMOSIN-C	--
GOMOSIN-A	--
GOMISIN-E	--
GLYCYRRHIZIN	--
GLYCYRRHIZIC-ACID	--
GLYCYRRHETINIC-ACID	--
GLYCYRRHETIC-ACID	--
GINSENOSIDE-RH1	--
GINGEROL	--
GENIPOSIDE	--
GALLIC-ACID	--
FLAVONE	IC50=0.48 ppm
FLAVONE	IC50=1.31 uM
FERULOYLHISTAMINE	--
FERULIC-ACID	--
EUGENOL	100 ppm
ESCULETIN	6 mg/kg mus
EPSILON-VINIFERIN	--
ELLAGIC-ACID	IC55=30 ug/ml
DIOSGENIN	--
DI-P-COUMAROYL-METHANE	--
DESOXYPODOPHYLLOTOXIN	--
DEOXYGOMOSIN-A	--
CYNARIN	100 mg/kg
CYCLEANINE	10 mg/kg
CURCUMIN	30 mg/kg/day

Chemical	Dosage
CURCUMIN	30 ppm
COLCHICINE	--
CINNAMOYLHISTAMINE	--
CHRYSIN	IC50=2.08 ppm
CHRYSIN	IC50=8.19 uM
CHONDROCURINE	10 mg/kg
CHOLINE	--
CHLOROGENIC-ACID	--
CEPHARANTHINE	--
CATECHIN	--
CARPESTEROL	--
CAPILLARISIN	--
CAFFEIC-ACID	--
CACTISIN	--
BREVIFOLIN	IC10=100 g/ml
BORNEOL	--
BOLDINE	--
BETAINE	--
BETA-SITOSTEROL	--
BETA-PELTATIN	--
BETA-EUDESOL	--
BETA-AMYRIN	--
BENZOYL CATALPOL	--
BELLIDIFOLINE	--
BELLIDIFOLIN	--
BAICALIN	--
AUCUBIN	--

Chemical	Dosage
ATRACTYLON	--
ATRACTYLENOLIDE	--
ARCAPILLIN	--
ARACHIDONIC-ACID	--
ANGELICIN	0.34 ppm
ANGELICIN	IC50=1.83 uM
ANDROGRAPHOSIDE	--
ANDROGRAPHOLIDE	3-12 mg/kg orl rat
AMERICANIN	--
AMAROGENIN	--
ALPHA-PELTATIN	--
ALPHA-AMYRIN	--
ALLIIN	--
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	IC50=140 uM
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	54 ppm
ALIZARIN	--
ALISOL-C-MONOACETATE	--
ALISOL-B-MONOACETATE	--
ALISOL-A-MONOACETATE	--
AGATHISFLAVONE	--
AESCULETIN	6 mg/kg mus
ACETYLCYSTEINE	400-653 mg/kg ipr rat
ACETYLCYSTEINE	1,200 mg/kg orl rat
ACANTHOIC-ACID	--
ACACETIN	IC50=7.25 uM
ACACETIN	IC50=2.06 ppm
7-O-ANGELYLHELIOTRIDINE	--

Chemical	Dosage
6-SHOGAOL	--
6-GINGEROL	--
6-(ALPHA-APIOFURANOSYL)-(1->6)-O-BETA-D-GLUCOPYRANOSYL-OXY)-RUBROFUSARIN	--
6,7-DIMETHYLAESCULETIN	--
4'-DIMETHYLPDOPHYLLOTOXIN	--
3,3'-DIMETHYLELLAGIC-ACID	IC80=30 ug/ml
11-DEOXYGLYCYRRHETINIC-ACID	--
11-DEHYDROPAPYRIOGENIN	--
(-)-EPIGALLOCATECHIN-GALLATE	--
(+)-CYANIDANOL-3	--
(+)-CATECHIN	--
(+)-ALPHA-VINIFERIN	--