

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Hepatoprotective

| Chemical | Dosage |
|--------------------------------------|-----------------------|
| 3,3'-DIMETHYLELLAGIC-ACID | IC80=30 ug/ml |
| HYPERIN | IC80=30 ug/ml |
| HYPEROSIDE | IC80=30 ug/ml |
| ELLAGIC-ACID | IC55=30 ug/ml |
| CHRYSIN | IC50=8.19 uM |
| ACACETIN | IC50=7.25 uM |
| KAEMPFEROL | IC50=5.46 uM |
| NARINGENIN | IC50=3.37 ppm |
| IMPERATORIN | IC50=2.66 uM |
| XANTHOTOXIN | IC50=2.5 uM |
| CHRYSIN | IC50=2.08 ppm |
| ACACETIN | IC50=2.06 ppm |
| ALIZARIN-3-METHYLIMINO-DIACETIC-ACID | IC50=140 uM |
| NARINGENIN | IC50=12 uM |
| ANGELICIN | IC50=1.83 uM |
| FLAVONE | IC50=1.31 uM |
| KAEMPFEROL | IC50=1.30 ppm |
| RHAMNETIN | IC50=1.29 uM |
| FLAVONE | IC50=0.48 ppm |
| BREVIFOLIN | IC10=100 g/ml |
| ESCULETIN | 6 mg/kg mus |
| AESCULETIN | 6 mg/kg mus |
| ALIZARIN-3-METHYLIMINO-DIACETIC-ACID | 54 ppm |
| SILYMARIN | 50 mg/kg ivn mus |
| ACETYLCYSTEINE | 400-653 mg/kg ipr rat |
| CURCUMIN | 30 ppm |
| CURCUMIN | 30 mg/kg/day |

| Chemical | Dosage |
|-------------------|---------------------|
| ANDROGRAPHOLIDE | 3-12 mg/kg orl rat |
| SWEROSIDE | 25-50 mg/kg |
| RUTIN | 20 mg/kg rat |
| EUGENOL | 100 ppm |
| SESAMIN | 100 mg/kg |
| CYNARIN | 100 mg/kg |
| CHONDROCURINE | 10 mg/kg |
| URSOLIC-ACID | 10 mg/kg |
| CYCLEANINE | 10 mg/kg |
| URSOLIC-ACID | 1-100 ug/ml |
| ACETYLCYSTEINE | 1,200 mg/kg orl rat |
| IMPERATORIN | 0.7 ppm |
| XANTHOTOXIN | 0.5 ppm |
| ANGELICIN | 0.34 ppm |
| AMERICANIN | -- |
| 6-GINGEROL | -- |
| SOYASAPONIN | -- |
| PUNICALAGIN | -- |
| BOLDINE | -- |
| EPSILON-VINIFERIN | -- |
| INDOLE-3-CARBINOL | -- |
| HORDENINE | -- |
| PAPYRIOGENIN | -- |
| SILYCHRISTIN | -- |
| BETA-AMYRIN | -- |
| AUCUBIN | -- |
| PIPERINE | -- |

| Chemical | Dosage |
|------------------------------|--------|
| ALISOL-C-MONOACETATE | -- |
| GOMOSIN-C | -- |
| VITAMIN-B3 | -- |
| LINOLEIC-ACID | -- |
| S-ALLYL-L-CYSTEINE | -- |
| CATECHIN | -- |
| SWERTISIN | -- |
| CACTISIN | -- |
| GINGEROL | -- |
| IRIGENIN | -- |
| PICROSIDE-I | -- |
| BENZOYL-CATALPOL | -- |
| (-)-EPIGALLOCATECHIN-GALLATE | -- |
| GYPSOGENIC-ACID | -- |
| ZEAXANTHIN | -- |
| METHYLBELLIDIFOLIN | -- |
| ANDROGRAPHOSIDE | -- |
| 11-DEHYDROPAPYRIOGENIN | -- |
| ALPHA-PELTATIN | -- |
| TAXIFOLIN | -- |
| CAPILLARISIN | -- |
| BAICALIN | -- |
| GLYCYRRHETIC-ACID | -- |
| VITAMIN-B | -- |
| ISORHAMNETIN-3-GALACTOSIDE | -- |
| PROPAPYRIOGENIN | -- |
| SOLAMARGINE | -- |

| Chemical | Dosage |
|--|--------|
| GALLIC-ACID | -- |
| BETA-PELTATIN | -- |
| CINNAMOYLHISTAMINE | -- |
| FERULOYLHISTAMINE | -- |
| HERNIARIN | -- |
| NIACIN | -- |
| SCHISANDRIN | -- |
| ARACHIDONIC-ACID | -- |
| PUERARIN | -- |
| CEPHARANTHINE | -- |
| AGATHISFLAVONE | -- |
| GLYCYRRHIZIN | -- |
| ACANTHOIC-ACID | -- |
| KHASIANINE | -- |
| 6-(ALPHA-APIOFURANOSYL)-(1->6)-O-BETA-D-GLUCOPYRANOSYL-OXY)-RUBROFUSARIN | -- |
| 6,7-DIMETHYLAESCULETIN | -- |
| SOLASONINE | -- |
| BETAINE | -- |
| (+)-ALPHA-VINIFERIN | -- |
| DESOXYPODOPHYLLOTOXIN | -- |
| P-COUMAROYL-FERULOYL-METHANE | -- |
| HINESOL | -- |
| PANGAMIC-ACID | -- |
| SCHIZANDROL-B | -- |
| ALPHA-AMYRIN | -- |
| ATRACTYLON | -- |
| QUERCETIN | -- |

| Chemical | Dosage |
|-------------------------|--------|
| CHOLINE | -- |
| ALISOL-B-MONOACETATE | -- |
| GOMOSIN-A | -- |
| L-GLUTATHIONE | -- |
| LINDSTRENE | -- |
| ALLIIN | -- |
| (+)-CYANIDANOL-3 | -- |
| ATRACTYLENOLIDE | -- |
| 6-SHOGAOL | -- |
| SWERTIAMARIN | -- |
| PUNICALIN | -- |
| RESVERATROL | -- |
| GENIPOSIDE | -- |
| SCOPARONE | -- |
| PICEID | -- |
| SILYDIANIN | -- |
| BELLIDIFOLIN | -- |
| GLYCYRRHETINIC-ACID | -- |
| COLCHICINE | -- |
| GOMOSIN-N | -- |
| DIOSGENIN | -- |
| METHIONINE | -- |
| S-ALLYLMERCAPTOCYSTEINE | -- |
| BORNEOL | -- |
| TANNIN | -- |
| CAFFEIC-ACID | -- |
| POLYPHENOLS | -- |

| Chemical | Dosage |
|-----------------------------|--------|
| GINSENOSE-RH1 | -- |
| FERULIC-ACID | -- |
| ISORHAMNETIN | -- |
| PICROSIDE-II | -- |
| SILYMONIN | -- |
| BETA-EUDESOL | -- |
| SCOPOLETIN | -- |
| POLYDATIN | -- |
| HELICTERILIC-ACID | -- |
| ZEAXANTHIN-DIPALMITATE | -- |
| METHYLSWERTIANIN | -- |
| 11-DEOXYGLYCYRRHETINIC-ACID | -- |
| AMAROGENIN | -- |
| TOCOPHEROL | -- |
| CARPESTEROL | -- |
| ALIZARIN | -- |
| GLYCYRRHIZIC-ACID | -- |
| PROANTHOCYANIDINS | -- |
| ISORHAMNETIN-3-GLUCOSIDE | -- |
| RESERPINE | -- |
| 4'-DIMETHYLPDOPHYLLOTOXIN | -- |
| SOLASODINE | -- |
| BETA-SITOSTEROL | -- |
| LUTEOLIN | -- |
| DEOXYGOMOSIN-A | -- |
| DI-P-COUMAROYL-METHANE | -- |
| HESPERETIN | -- |

| Chemical | Dosage |
|-------------------------|--------|
| OLEANOLIC-ACID | -- |
| 7-O-ANGELYLHELIOTRIDINE | -- |
| SCHISANHENOL | -- |
| BELLIDIFOLINE | -- |
| ARCAPILLIN | -- |
| XYLITOL | -- |
| CHLOROGENIC-ACID | -- |
| ALISOL-A-MONOACETATE | -- |
| GOMISIN-E | -- |
| VITAMIN-E | -- |
| LECITHIN | -- |
| (+)-CATECHIN | -- |