

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

**List of Chemicals for Antiherpetic**

Chemical	Dosage
1,2,3,4,6-PENTA-O-GALLOYL-GLUCOSE	--
1-O-GALLOYL-PEDUNCULAGIN	--
10-METHOXYCAMPTOTHECIN	--
ACEMANNAN	1 g/day
ADENOSINE-PHOSPHATE	--
AESCIN	--
AJOENE	--
ALLICIN	--
ALLITHIAMIN	--
ALOE-EMODIN	--
ALOIN	--
ALPHA-APOPICROPODOPHYLLOTOXIN	IC50=0.25 uM
ALPHA-PELTATIN	IC69=414 ppb
ANHYDROPODOPHYLLOL	MIC=250 nM
ANHYDROSCHUMMIFICINE	EC50=0.06 uM
APIGENIN	20-54 ug/ml
APOGOSSYPOL	--
ARISTOLOCHIC-ACID	--
ASCORBIC-ACID	1-5 g/day
ATALAPHILLIDINE	IC50=<1 ug/ml
ATALAPHILLININE	IC50=<1 ug/ml
ATROPINE	--
BERBERASTINE	--
BERBERINE	--
BETA-PELTATIN	IC78=414 ppb
BUTYRYLMALLOTOCHROMANOL	ED50=230 ppb
BUTYRYLMALLOTOCHROMENE	ED50=2.080 ppm

Chemical	Dosage
BUTYRYLMALLOTOJAPONIN	ED50=165 ppb
BUTYRYLMALLOTOLERIN	ED50=196 ppb
CAFFEIC-ACID	EC50=>50 ug/ml
CAFFEIC-ACID	50 ug/ml
CAFFEINE	--
CAMPTOTHECIN	--
CARAN-3BETA-OL	--
CASUARICTIN	EC50=0.044 ug/ml
CATECHIN	--
CELASTROZIDE	--
CHEBULAGIC-ACID	--
CHELIDONINE	--
CHLORINE	--
CHLOROGENIC-ACID	--
CHLOROGENIC-ACID-BUTYL-ESTER	--
CHRYSIN	40-75 ug/ml
CINCHONAIN-IIB	--
CINCHONAIN-III-B	--
CINCHONIDINE	--
CINNAMALDEHYDE	--
CINNAMTANNIN-A-I	--
CITPRESSINE-I	IC50=<1 ug/ml
CITRAL	--
CITRUSININE	IC50=<1 ug/ml
COLCHICINE	--
CORIARIIN-A	EC50=0.038 ug/ml
CORNUSIIN-A	EC50=0.039 ug/ml

Chemical	Dosage
CRYPTOPLEURINE	--
D-GLUCOSAMINE	--
DAMMARADIENOL	--
DAMMARARNEDIOL-II	--
DAMMARENOLIC-ACID	--
DEHYDROEMETINE	60 mg imr man
DEOXYPODOPHYLLOTOXIN	414 ppb
DEOXYPODOPHYLLOTOXIN	IC50=0.025 uM
DESOXYPODOPHYLLOTOXIN	--
DIALLYL-TRISULFIDE	--
DIHYDROANHYDROPODORHIZOL	--
DIHYDROFISSETIN	--
EICHLERIANIC-ACID	70 ug/ml
EPHEDRINE	--
EPICATECHIN-GALLATE-TETRAMER	EC50=0.14 ug/ml
ESCIN	--
EUGENIIN	--
EUGENOL	IC50=16.2-25.6 ug/ml
FERULIC-ACID	--
FUSTIN	--
GALLIC-ACID	EC50=>10 ug/ml
GALLOYL-GERANIIN	--
GAMBIRIIN-A1	--
GAMBIRIIN-B3	--
GERANIIN	--
GERANIIN	EC50=0.093 ug/ml
GLYCYRRHETIC-ACID	--

Chemical	Dosage
GLYCYRRHETINIC-ACID	--
GLYCYRRHISOFLAVONE	EC50=>10 ug/ml
GLYCYRRHIZIC-ACID	--
GLYCYRRHIZIN	--
GOSSYPOL	--
HESPERITIN	--
HOMATROPINE	--
HYDROXYDAMMARENONE-I	--
HYDROXYHOPANONE	--
HYDROXYOLEANOLIC-LACTONE	--
HYOSCYAMINE	--
HYPERICIN	--
ISOBORNEOL	600 ppm
ISOBUTYRYLMALLOTOCHROMANOL	ED50=6.6 ppm
ISOBUTYRYLMALLOTOCHROMENE	ED50=1.14 ppm
ISOBUTYRYLMALLOTOJAPONIN	ED50=88 ppb
ISOBUTYRYLMALLOTOLERIN	ED50=890 ppb
ISOFOUQUIEROL	--
ISOMALLOTOCHROMAN	ED50=970 ppb
ISOMALLOTOCHROMANOL	ED50=665 ppb
ISOMALLOTOCHROMENE	ED50=116 ppb
KAEMPFEROL	23-92 ug/ml
LAPACHOL	--
LICOPYRANOCOUMARIN	EC50=>10 ug/ml
LIDOCAINE	--
LUTEOLIN	11-23 ug/ml
LUTEOLIN-7-GLUCOSIDE	--

Chemical	Dosage
LYCORINE	--
LYSINE	0.5-3 g/day
MALLOPHENONE	ED50=6.26 ppm
MALLOTOCHROMAN	ED50=48 ppm
MALLOTOCHROMANOL	ED50=19.2 ppm
MALLOTOJAPONIN	ED50=185 ppb
MALLOTOLERIN	ED50=154 ppb
MALLOTOPHENONE	ED50=5.6 ppm
MANGIFERIN	--
METHYL-GALLATE	--
MORIN	--
N-DEMETHYLRHITUKINE-ACETATE	EC50=100 uM
NARCOTINE	--
NARINGENIN	--
NIMBIDIN	--
PELARGONIDIN	--
PENTAGALLOYL-GLUCOSE	--
PODOPHYLLOTOXIN	IC88=414 ppb
POLYDATIN	--
POLYGONIN	--
PROCYANIDINS	--
PROTocatechuic-ACID	--
QUERCETAGITRIN	--
QUERCETIN	48-150 ug/ml
QUERCIMERITRIN	--
QUERCITRIN	--
RICIN	--

Chemical	Dosage
ROSMARINIC-ACID	EC50=20 ug/ml
ROSMARINIC-ACID	50 ug/ml
RUGOSIN-D	EC50=0.034 ug/ml
RUTIN	--
SCOPADULCIC-ACID-B	ED50=0.039 uM
SCOPOLAMINE	--
SHOREIC-ACID	--
TANNIC-ACID	--
TAXIFOLIN	--
TELLIMAGRANIN-I	EC50=0.036 ug/ml
TETRAHYDROCANNABINOL	--
THIAMIN	--
THYMOL	--
TOCOPHEROL	--
URSONIC-ACID	--
VITAMIN-B-1	--
VITAMIN-E	--