

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

**List of Chemicals for AntiHIV**

Chemical	Dosage
(+)-CATECHIN	EC50=4 ug/ml
(+)-CATECHIN-7-O-GALLATE	EC50=10 ug/ml
(-)-ARCTIGENIN	IC85=0.5 uM
(-)-EPICATECHIN	EC50=2 ug/ml
(-)-EPICATECHIN-3-O-GALLATE	EC50=1 ug/ml
(-)-TRACHELOGENIN	IC65=0.5uM
ACACETIN-7-O-BETA-D-GALACTOSIDE	--
ACEMANNAN	1 g/day
AGATHISFLAVONE	IC100=200 ug/ml
AGATHISFLAVONE	IC50=1,003 ug/ml
AGRIMONIIN	--
AJOENE	--
ALLYL-ALCOHOL	--
ALPHA-MOMORCHARIN	--
ALPHITOLIC-ACID	EC50=20 ug/ml
ALPHITOLIC-ACID	IC50=4 ug/ml
AMENTOFLAVONE	IC50=119 ug/ml
AMENTOFLAVONE	IC97=200 ug/ml
ANHYDROSCHUMMIFICINE	EC50=0.4 uM
APIGENIN	IC72=200 ug/ml
APIGENIN	IC50=143 ug/ml
ARCTIGENIN	IC85=0.5 uM
ARCTIGENIN	IC65=0.27 uM
BAICALEIN	--
BAICALIN	--
BAICALIN-A	--
BETULIN	6.1 uM

Chemical	Dosage
BETULINIC-ACID	EC50=2.0 ug/ml
BETULINIC-ACID	IC50=6.5 ug/ml
BETULINIC-ACID	14.8 uM
CAFFEIC-ACID	EC50=200 ug/ml
CAMELLIATANNIN-A	--
CAMELLIIN-B	EC50=4.8 ug/ml
CARNOSOL	--
CARNOSOLIC-ACID	IC90=0.32 ug/ml
CASTANOSPERMINE	--
CASUARICTIN	--
CHICORIC-ACID	--
CHLOROGENIC-ACID	--
CHRYSIN	--
CICHORIC-ACID	--
COLCHICINE	EC50=0.01 uM
CORIARIIN-A	--
CORNUSIIN-A	--
CURCUMIN	IC50=40 uM
DEOXYNOJIRIMYCIN	--
DIALLYL-DISULFIDE	--
DIANTHIN-30	100 ug/ml
DIANTHIN-32	100 ug/ml
DICAFFEOYLQUINIC-ACID	--
ELLAGIC-ACID	IC90=200 ug/ml
ELLAGITANNIN	--
EPICATECHIN	EC50=2 ug/ml
EPICATECHIN-GALLATE-TETRAMER	--

Chemical	Dosage
FULVOPLUMIERIN	IC50=45 ug/ml
GALLIC-ACID	--
GERANIIN	--
GLYCYCOUMARIN	20 ug/ml
GLYCYRRHISOFLAVONE	--
GLYCYRRHIZIN	0.6 mM
GLYCYRRHIZIN-SULFATE	0.15 mM
GOSSYPOL	--
GOSSYPOL	100 uM
GUTTIFERONE-A	EC50=1-10 ug/ml
GUTTIFERONE-B	EC50=1-10 ug/ml
GUTTIFERONE-C	EC50=1-10 ug/ml
GUTTIFERONE-D	EC50=1-10 ug/ml
GUTTIFERONE-E	EC50=1-10 ug/ml
HINOKIFLAVONE	IC50=62 ug/ml
HINOKIFLAVONE	IC90=200 ug/ml
HYPERICIN	--
ISOLICOFLAVONOL	20 ug/ml
KAEMPFEROL-3-O-GLUCOSIDE	--
LICOCHALCONE-A	20 ug/ml
LICOPYRANOCOUMARIN	20 ug/ml
LIGNIN	--
LUTEOLIN	--
MASLINIC-ACID	IC100=18 ug/ml
METHANOL	EC50=<20 ug/ml
MYRICETIN	--
NARINGENIN	IC35=200 ug/ml

Chemical	Dosage
OENOTHEIN-B	--
OLEANOLIC-ACID	IC50=21.8 ug/ml
OLEANOLIC-ACID	EC50=1.7 ug/ml
OLEANOLIC-ACID-3-O-3',3'-DIMETHYLSUCCINATE	IC50=11.2 ug/ml
OLEANOLIC-ACID-3-O-3',3'-DIMETHYLSUCCINATE	EC50=0.0005 ug/ml
OPC	--
OPCS	--
PAPAVERINE	10 ug/ml 900 mg/man/day/orl
PHYLLMYCIN-B	IC50=3.5 uM
POLYPHENOLS	--
POMOLIC-ACID	IC50=23.3 ug/ml
POMOLIC-ACID	EC50=1.4 ug/ml
PROCYANIDIN	--
PROCYANIDINS	--
PRUNELLIN	MIC=2 ug/ml
PUNICALAGIN	--
QUERCETAGETIN	--
QUERCETIN	--
ROSMARINIC-ACID	EC50=40 ug/ml
RUGOSIN-D	--
SELENIUM	--
TANNIC-ACID	IC90=200 ug/ml
TANNIN	--
TELLIMAGRANIN-I	--
TILIROSIDE	--
TRACHELOGENIN	IC65=0.52 uM
URSOLIC-ACID	IC50=6.5 ug/ml

Chemical	Dosage
URSOLIC-ACID	EC50=2.0 ug/ml
URSOLIC-ACID	6.7 uM
URSOLIC-ACID	IC85=18 ug/ml
ZINC	--