

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

**List of Chemicals for Antiradicular**

Chemical	Dosage
(+)-ALPHA-VINIFERIN	47 uM
(+)-CATECHIN	--
(+)-SYRINGARESINOL	EC50=21-28 ug/ml
(-)-EPIGALLOCATECHIN	--
(-)-EPIGALLOCATECHIN-GALLATE	--
(-)-HYDROXYJASMONIC-ACID	30 mM
1,7-BIS(3,4-DIHYDROXYPHENYL)HEPTA-4E,6E-DIEN-3-ONE	>tocopherol
1-O-(2,3,4-TRIHYDROXY-3-METHYL)-BUTYL-6-O-FERULOYL-BETA-D-GLUCOPYRANOSIDE	30 mM
2,3,7-TRIHYDROXY-5-(3,4-DIHYDROXY-E-STYRYL)-6,7,8,9-TETRAHYDRO-5H-BENZOCYCLOHEPTENE	#NAME?
3,4-HYDROXYCINNAMIC-ACID	--
3,5-DICAFFEOYL-QUINIC-ACID	10 uM
4-KETOPINORESINOL	EC50=48-57 ug/ml
4-TERPINEOL	--
5,8-DIHYDROXYBENZOPYRANONE	--
5-HYDROXY-8-O-BETA-D-GLUCOPYRANOSYL-BENZOPYRANONE	--
ACETYL-EUGENOL	EC50=100 ul/l
ALLANTOIN	--
ALLICIN	1.8 ug/ml
ALLIIN	--
ALPHA-TOCOPHEROL	5 x quercetin
ANDROGRAPHOLIDE	--
ANDROGRAPHOSIDE	--
ANETHOLE	--
APOMORPHINE	--
ASCORBIC-ACID	--
BERBAMINE	--
BETA-CAROTENE	--

Chemical	Dosage
BIFLAVONES	--
BILOBALIDE	0.15 ug/ml
BOLDINE	--
BUPLUERAN-2IIC	--
CAFFEIC-ACID	1/3 quercetin
CAFFEIC-ACID	30 mM
CAFFEIC-ACID	IC50=32-35 uM
CAFFEIC-ACID	10 uM
CARNOSOL	--
CARNOSOLIC-ACID	--
CARVACROL	600 x thymol
CATECHIN	IC50=8 uM
CEPHARANTHINE	--
CHICORIC-ACID	--
CHLOROGENIC-ACID	10 uM
CHLOROGENIC-ACID	9 x quercetin
CICHORIC-ACID	--
CLAUSENAMIDE	--
COCLAURINE	--
CONIFERYL-ALCOHOL	EC50=13-18 ug/ml
CORIARIIN-A	--
CORILAGIN	--
CORNUSIIN-A	--
CORYPALMINE	--
CYANIDIN-3-O-GLUCOSIDE	--
CYNARINE	--
DAIDZEIN	1/4 quercetin

Chemical	Dosage
DEHYDROCURDIONE	100-5,000 uM
DELPHINIDIN-CHLORIDE	IC50=4 uM
DIOSMIN	--
DL-CYSTEINE	--
EPIGALLOCATECHIN	--
ETHYL-BETA-D-GLUCOPYRANOSYL-TUBERONATE	30 mM
EUGENOL	EC50=2 ul/l
FERULIC-ACID	IC50=116-124 uM
FERULIC-ACID	EC50=9-15 ug/ml
FORSYTHIASIDE	--
GALLIC-ACID	IC50=4.9 uM
GALLIC-ACID	7 x quercetin
GALLIC-ACID-4-O-BETA-D-GLUCOPYRANOSIDE	--
GARCINIAXANTHONE-D	--
GARCINOL	--
GERANIIN	--
GLYCYRRHIZIN	--
HETERODENDRIN	--
HISPIDULIN	--
HONOKIOL	< a-tocopherol
HUMULONE	--
HYPERIN	--
HYPEROSIDE	--
ISOMENTHONE	--
ISOPILINE	--
ISOQUERCITRIN	1/4 quercetin
ISORHYNCHOPHYLLINE	--

Chemical	Dosage
KAEMPFEROL	7 x quercetin
KAEMPFEROL-7-O-RHAMNOSIDE	1/5 quercetin
LUTEIN	--
LYCOPENE	--
MANNITOL	--
MAYTENOLIDE	EC50=42-50 ug/ml
MELATONIN	0.2-0.4 mg/kg
METHYL-EUGENOL	EC50=100 ul/l
METHYL-SALICYLATE	--
N-ACETYLCYSTEINE	--
NARINGENIN	7 x quercetin
NEOHESPERIDIN	7 x quercetin
OPC	--
OPCS	--
P-CYMENE-2,3-DIOL	--
P-CYMENE-2,3-DIOL-6,6'-DIMER	--
P-HYDROXY-BENZOIC-ACID	--
POLYPHENOLS	500 mg/kg/day orl mus
PROCYANIDINS	--
PROTocatechuic-ACID	--
PTEROSTILBENE	--
PUERARIN	--
PYCNOGENOL	--
QUERCETIN	IC50=4.6 uM
QUERCETIN-3,4'-DIGLUCOSIDE	--
QUERCETIN-3-O-BETA-D-GLUCOPYRANOSYL-(1-->6)-BETA-D-GLUCOPYRANOSIDE	--
RESVERATROL	ED50=27 uM

Chemical	Dosage
RHAMNETIN	7 x quercetin
RHYNCHOPHYLLINE	--
ROBININ	1/5 quercetin
ROSMANOL	--
ROSMARINIC-ACID	--
RUTIN	9 x quercetin
S-ALLYL-L-CYSTEINE	--
SALICYLATE	--
SCOPARONE	--
SELENIUM	100-200 (-400) ug/man/day
SHIKIMIC-ACID	7 x quercetin
SYRINGIC-ACID	EC50=5.5-8 ug/ml
TANNIN	500 mg/kg/day orl mus
TANNIN	1/3 quercetin
THYMOL	EC=60
TOCOPHEROL	--
TRANS-ANETHOLE	--
UBIQUINONE	--
VANILLIC-ACID	7 x quercetin
VANILLIN	7 x quercetin
VITAMIN-E	--