

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

Chemical	Dosage
10-HYDROXYCAMPTOTHECIN	--
16-ANHYDROGITOXIGEN	ED50=4.8
3'-DEMETHYLPODOPHYLLOTOXIN	1 ppm
3-DESMETHYLCOLCHICINE	ED50=24 ppb
6-ETHOXYCHELERYTHRINE	ED50=18
6-METHYL-SULFINYL-HEXYL-ISOTHIOCYANATE	--
7-HYDROXY-6-HYDROMELODIENOL	ED50=0.25-3.28 ug/ml
ACOBIOSIDE-A	ED50=150 ppb
ACOFRIOSIDE-L	ED50=0.16
ACOLONGIFLORISIDE-G	ED50=150 ppb
ACOLONGIFLORISIDE-H	ED50=250 ppb
ACOLONGIFLORISIDE-K	64 ppb
ACOSCHIMPEROSIDE-P	ED50=0.1
ACOSCHIMPEROSIDE-Q	ED50=0.25
ACOSPECTOSIDE-A	ED50=300 ppb
ACOVENOSIDE-A	ED50=31 ppb
AGAVISIDE-A	--
APOCANNOSIDE	ED50=37 ppb
ARISTOLOCHIC-ACID	4 ppm
BERSCILLOGENIN	ED50=20 ppb
BERSENOGENIN	ED50=406 ppb
BETA-CAROTENE	--
BETULIN	--
BETULINIC-ACID	--
BURSERAN	ED50=26 ppm
CAMPTOTHECIN	70 ppb
CENTAUREIDIN	ED50=2.7

Chemical	Dosage
CISSAMPAREINE	ED50=2
COCCULININ	4.7 ug/ml
COLUBRINOL	10 ppt
COLUBRINOL-ACETATE	10 ppt
CONVALLATOXIN	ED50=34
CROTEPOXIDE	450 ppm
CRYPTOPLEURINE	0.026-0.78 ppt
CUCURBITACIN-I	0.1-1 ppm
CUCURBITACIN-I	5-10 ppb
CUCURBITACIN-J	0.1-1 ppm
CUCURBITACIN-K	0.1-1 ppm
CUCURBITACIN-L	10-100 ppb
CYMARIN	ED50=3.9 ppb
D-TETRANDRINE	ED50=170 ppb
DAPHNORETIN	IC97=3 mg/kg
DATISCOCIDE	ED50=0.16
DESOXYPODOPHYLLOTOXIN	2.6 ppb
DIGIFERRUGINEOL	--
DIGITONIN	--
DIGLUCOACOSCHIMPEROSIDE-N	ED50=3.7
DIGLUCOACOSCHIMPEROSIDE-P	ED50=1.7
DIHYDROCUCURBITACIN-B	1.7 ppb
EMETINE	--
ETHYL-GALLATE	ED50=18
EUPATORETIN	--
EUPATORIN	ED50=4.6
FABACEIN	ED50=1

Chemical	Dosage
GALLIC-ACID	ED50=3
GITOXIGENIN	ED50=2.3
GLAZIOVINE	ED50=2.6
HARRINGTONINE	0.5-1 ppm
HECOGENIN-GLYCOSIDE	--
HEDERASAPONIN-C	--
HELLEBRIGENIN-3,5-ACETATE	ED50=1.9 ppb
HELLEBRIGENIN-3-ACETATE	ED50=0.24 ppt
HELLEBRIN	ED50=17 ppb
HOMOHARRINGTONINE	0.25-1 ppm
HOMOISOMELODIENONE	ED50=4.26-36.32 ug/ml
HYPERCALIN-B	--
INDIRUBIN	--
INOTODIOL	--
IPOLEAROSIDE	10 mg/rat
ISOCUCURBITACIN-B	ED50=0.4
ISOTETRANDRINE	ED50=1.5
JUSTICIRESINOL	ED50=31.3ug/ml
K-STROPHANTHOSIDE	ED50=30 ppb
L-CURINE	<140 ppb
L-TETRANDRINE	25-400 ppm
LANATOSIDE-A	ED50=< 1 ppm
LANATOSIDE-B	ED50=0.38 ppm
LANATOSIDE-C	ED50=24 ppb
LAPACHOL	100-400 ppm
LOLINE	--
LOMATIOL	32-250 ppm

Chemical	Dosage
LUTEOLIN	--
MAYSENINE	10 ppb
MAYSINE	ED50=10 ppb
MAYTANACINE	ED50=100 ppb
MAYTANPRINE	--
MAYTANVALINE	10 ppt
MELODORINOL	ED50=1.99-5.89 ug/ml
MELODORINOL-ACETATE	ED50=1.96-2.89 ug/ml
MOLEPHANTININ	--
NORMAYSINE	ED50=10 ppb
O-METHYL-ATHEROLINE	ED50=5.1
OLEANDRIGENIN	50 ppb
OLEANDRIGENIN-3-RHAMNOSIDE	--
OLEANOLIC-ACID	--
OPPOSITE	ED50=45 ppm
OUABAGENIN	ED50=2.5
OXOPURPUREINE	ED50=5.8
OXYACANTHINE	ED50=760 ppb
PARILLIN	--
PILOCEREINE	ED50=260 ppb
PROSCILLARIDIN-A	ED50=0.26 ppt
RHEIN	--
SCILLAREN-A	ED50=12 ppb
SCILLARENIN	1 ppb
SCILLIGLAUCOSIDIN	2 ppb
SCILLIROSIDE	ED50=23
SOLAPALMITINE	ED50=220 ppb

Chemical	Dosage
SOLASODINE	--
STEGANACIN	ED50=1-100 ppb
STEGANANGIN	ED50=1-100 ppb
STROPHANTHIDIN	ED50=0.24
TAXOL	55 ppt
TIGOGENIN-GLYCOSIDE	ED50=150 ppb
TYLOCREBRINE	--
URSOLIC-ACID	--
VICENIN-2	--
WITHAFERIN-A	10-15 mg/kg