

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Antiinflammatory

| Chemical | Dosage |
|--|--|
| (+)-ALPHA-VINIFERIN | -- |
| (+)-CATECHIN | IC50=40-943 uM (cf indomethacin IC50=1 uM) |
| (+)-EUDESMA-4(14),7(11)-DIENE-3-ONE | -- |
| (+)-HERNANDEZINE | -- |
| (+)-PSEUDOEPHEDRINE | -- |
| (-)-16,17-DIHYDROXY-16BETA-KAURAN-19-OIC | 300 ppm |
| (-)-ALPHA-BISABOLOL | -- |
| (-)-BETONICINE | -- |
| (-)-BORNYL-CAFFEATE | -- |
| (-)-BORNYL-FERULATE | -- |
| (-)-BORNYL-P-COUMARATE | -- |
| (-)-EPICATECHIN | -- |
| (1'S)-1'-ACETOXYCHAVICOL-ACETATE | -- |
| (E)-4-(3',4'-DIMETHOXYPHENYL)-BUT-3-EN-OL | ED84=300 mg/kg |
| 1,7-BIS-(4-HYDROXYPHENYL)-1,4,6-HEPTATRIEN-3-ONE | -- |
| 1,8-CINEOLE | -- |
| 10-ACETOXY-8-HYDROXY-9-ISOBUTYLOXY-6-METHOXYTHYMOL | 50 mg/kg irp rat |
| 10-DEHYDROGINGERDIONE | > indomethacin |
| 10-GINGERDIONE | > indomethacin |
| 13',118-BIAPIGENIN | >3/4 indomethacin |
| 13-OXYINGENOL-ESTER | -- |
| 16,17-DIHYDROXY-16BETA-KAURAN-19-OIC | 300 ppm |
| 16-HYDROXYINGENOL-ESTER | -- |
| 2'-O-GLYCOSYLVITEXIN | -- |
| 2-BETA,3BETA-27-TRIHIDROXYOLEAN-12-ENE-23,28-DICARBOXYLIC-ACID | -- |
| 20-DEOXYINGENOL-ESTER | -- |
| 22BETA-ESGIN | -- |

| Chemical | Dosage |
|--|--------------------|
| 24-METHYLENE-CYCLOARTANOL | -- |
| 3,4-METHYLENE-DIOXYCINNAMIC-ACID-BORNYL-ESTER | -- |
| 3,4-SECOTRITERPENE-ACID-20-EPI-KOETJAPIC-ACID | IC50=0.5-1.9 uM |
| 3-ACETYLAICONITINE | -- |
| 3-BETA-HYDROXY-2,3-DIHYDROWITHANOLIDE-F | 5 x phenylbutazone |
| 3-N-BUTYL-PHTHALIDE | -- |
| 3-O-ACETYLOLEANOLIC-ACID | -- |
| 3-OXO-11-ALPHA-HYDROXYOLEAN-12-ENE-30-OIC-ACID | IC50=3.2-3.6 uM |
| 3-OXO-11-ALPHA-METHOXYOLEAN-12-ENE-30-OIC-ACID | IC50=5-15 uM |
| 3-OXO-OLEAN-9(11),12-DIENE-30-OIC-ACID | IC50=>100 uM |
| 4-VINYL-GUAIACOL | -- |
| 5,7-DIMETHOXYFLAVONE | -- |
| 5-DEOXYINGENOL-ESTER | -- |
| 6,7-DIMETHYLAESCULETIN | -- |
| 6,7-DIMETHYLESCULETIN | -- |
| 6-DEHYDROGINGERDIONE | > indomethacin |
| 6-DEOXYJACAREUBIN | -- |
| 6-GINGERDIONE | > indomethacin |
| 6-O-(2"-ACETYL-3",4"-O-DI-P-METHOXYCINNAMOYL-ALPHA-L-RHAMNOPYRANOSYL)-CATALPOL | #NAME? |
| 6-O-(4"-ACETYL-2",3"-O-DI-P-METHOXYCINNAMOYL-ALPHA-L-RHAMNOPYRANOSYL)-CATALPOL | #NAME? |
| 7-METHOXYCOUMARIN | -- |
| 8-ACETYLHARPAGIDE | IC50=19.5 uM |
| 8-O-CINNAMOYLHARPAGIDE | -- |
| ABRINE | -- |
| ACANTHOIC-ACID | -- |
| ACETYL-11-KETO-BETA-BOSWELLIC-ACID | 2 uM |
| ACETYL-BETA-BOSWELLIC-ACID | 7 uM |

| Chemical | Dosage |
|------------------------|---------------------|
| ACETYLSALICYLIC-ACID | 452 mg/kg orl rat |
| ACETYLSHIKONIN | -- |
| ACONITINE | -- |
| ACTINIDOLES | -- |
| AESCIN | orl |
| AESCULETIN | IC50=0.1-5 uM |
| AESCULIN | -- |
| AJOENE | -- |
| ALANTOLACTONE | -- |
| ALKANNIN | -- |
| ALLANTOIN | -- |
| ALLICIN | -- |
| ALPHA-AMYRIN | IC71=1,000 ppm orl |
| ALPHA-AMYRIN-ACETATE | -- |
| ALPHA-AMYRIN-PALMITATE | 56-66 mg/kg orl rat |
| ALPHA-BISABOLOL | -- |
| ALPHA-BOSWELLIC-ACID | -- |
| ALPHA-CURCUMENE | -- |
| ALPHA-LINOLENIC-ACID | IC50=42 uM |
| ALPHA-PEROXYACHIFOLIDE | -- |
| ALPHA-PINENE | 500 mg/kg |
| ALPHA-SPINASTEROL | >Phenylbutazone |
| ALPHA-TERPINEOL | -- |
| AMENTOFLAVONE | >3/4 indomethacin |
| AMYGDALIN | -- |
| ANDROGRAPHOLIDE | -- |
| ANETHOLE | -- |

| Chemical | Dosage |
|---|---------------------------------|
| ANNOMONTINE | -- |
| ANTHOCYANINS | -- |
| ANTHOCYANOSIDE | 50-500 mg/kg orl |
| ANTHRANILIC-ACID | -- |
| APIGENIN | IC ₅₀ =1,000 uM |
| APIGENIN | #NAME? |
| APIGENIN-7-GLYCOSIDE | -- |
| APIGENIN-7-O-GLUCOSIDE | -- |
| APIGENIN-DIMETHYL-ETHER | -- |
| APOCYNIN | -- |
| AR-TURMERONE | IC ₅₀ =3.2-5.6 ug/ml |
| ARBORININE | -- |
| ARISTOLOCHIC-ACID | -- |
| ARTABSIN | -- |
| ARTECANIN | -- |
| ARTEMETIN | 30-150 mg/kg |
| ARVENOSIDE-A | -- |
| ASCORBIC-ACID | -- |
| ASIATICOSIDE | -- |
| ASPERULOSIDE | -- |
| ASPIRIN | 452 mg/kg (orl rat) |
| ASPIRIN (ACETYLSALICYLIC-ACID; NOT NATURAL) | 452 mg/kg (orl rat) |
| ASTRAMEMBRANIN-I | -- |
| ASTRINGENIN | IC ₅₀ =45 uM |
| ATRACTYLENOLIDE | -- |
| ATRACTYLENOLIDE-I | 100 mg/kg |
| ATRACTYLENOLIDE-II | 100 mg/kg |

| Chemical | Dosage |
|------------------------------------|---------------------------|
| ATRACTYLENOLIDE-III | 300 mg/kg |
| ATRACTYLOCHROMENE | -- |
| ATRACTYLON | -- |
| AUCUBIN | IC50=12-72 uM |
| AUCUBIN | 1/2 indomethacin |
| AXILLARIN | 1/2 indomethacin |
| AZULENE | -- |
| BAICALEIN | IC28=20 mg/kg scu rat |
| BAICALEIN | IC50=0.1-5 uM |
| BAICALEIN-5,6,7-TRIHYDROXY-FLAVONE | -- |
| BAICALIN | IC37=10 mg/kg scu rat |
| BAOHUOSIDE-1 | -- |
| BARBATOSIDE-A | -- |
| BARBATOSIDE-B | -- |
| BARTSIOSIDE | IC50=4.3 uM |
| BASSIC-ACID | -- |
| BAVACHININ | -- |
| BAYACHININE | ED=20-100 ipr, 50-200 orl |
| BENZOAZINOIDS | -- |
| BENZOYLACONINE | -- |
| BERBAMINE | -- |
| BERBERASTINE | -- |
| BERBERINE | -- |
| BERGAPTEN | -- |
| BERGENIN | #NAME? |
| BETA-AESKIN | -- |
| BETA-AMYRIN | -- |

| Chemical | Dosage |
|--|--------------------|
| BETA-AMYRIN-ACETATE | -- |
| BETA-BOSWELLIC-ACID | 5 uM |
| BETA-DAMASCENONE | -- |
| BETA-ESGIN | -- |
| BETA-HIMACHALINE | -- |
| BETA-PINENE | -- |
| BETA-SANTALENE | -- |
| BETA-SITOSTEROL | -- |
| BETA-SITOSTEROL-3-O-BETA-D-GLUCOPYRANOSIDE | -- |
| BETA-TURMERONE | IC50=1.6-4.6 ug/ml |
| BETONICINE | -- |
| BETULIN | -- |
| BETULINIC-ACID | -- |
| BIS-(4-HYDROXY-CINNAMOYL)-METHANE | -- |
| BIS-DESMETHOXYCURCUMIN | -- |
| BISABOLOXIDE | -- |
| BOEHMEROL-ACETATE | -- |
| BOLDINE | ED50=34 mg/kg |
| BORJATRIOL | -- |
| BORNEOL | -- |
| BOSWELLIC-ACID | 50 mg/kg orl rat |
| BOSWELLIC-ACID | IC100=0.1 uM |
| BOWDICHIONE | -- |
| BRADYKININASE | -- |
| BRAZILIN | -- |
| BROMELAIN | -- |
| BROUSSOCHALCONE-A | -- |

| Chemical | Dosage |
|------------------------|--|
| BRYONOLIC-ACID | -- |
| BUPLEURIN | -- |
| BUTEIN | -- |
| BUTYLIDENE-PHTHALIDE | -- |
| CAFESTOL | -- |
| CAFFEIC-ACID | -- |
| CAFFEYOYLMARIC-ACID | -- |
| CAFFEYOYLTARTARIC-ACID | -- |
| CALOPHYLLIN-B | -- |
| CALOPHYLLOLIDE | 40 mg/kg ipr |
| CANNABICHROMENE | -- |
| CANNABIDIOL | -- |
| CANNABIGEROL | -- |
| CANNFLAVIN | -- |
| CANNIPRENE | IC50=90 mM |
| CAPSAICIN | -- |
| CARBENOXOLONE | -- |
| CARBOXYATRACTYLOSIDE | -- |
| CARNOSINE | -- |
| CARNOSOL | -- |
| CARVACROL | IC50=4 uM |
| CARYOPHYLLENE | IC50=100 uM |
| CARYOPHYLLENE-OXIDE | -- |
| CATECHIN | IC50=80 uM (cf indomethacin IC50=1 uM) |
| CEPHARAMINE | -- |
| CEPHARANOLINE | -- |
| CEPHARANTHINE | -- |

| Chemical | Dosage |
|------------------------------|---------------------------------------|
| CHAKSINE | -- |
| CHAMAZULENE | -- |
| CHELERYTHRINE | -- |
| CHELERYTHRINE | 10 mg/kg orl rat (=5 mg indomethacin) |
| CHIKUSETSUSAPONIN | -- |
| CHIKUSETSUSAPONIN-V | -- |
| CHLOROGENIC-ACID | -- |
| CHLOROGENIN | -- |
| CHRYSANTHEMOL | -- |
| CHRYSIN-5,7-DIHYDROXYFLAVONE | -- |
| CHRYSOSPLENIN | -- |
| CHRYSOSPLENOL | -- |
| CHYMOTRYPSIN | -- |
| CINNAMALDEHYDE | -- |
| CINNAMIC-ACID | -- |
| CINNAMIC-ACID-BORNYL-ESTER | -- |
| CIRSILINEOL | IC ₃₇ =1,000 uM |
| CIRSIMARITIN | IC ₅₀ =1,000 uM |
| CIS-COMMUNIC-ACID | top |
| CIS-SPIROETHER | -- |
| CITRAL | -- |
| CLITORIACETAL | -- |
| CNICIN | -- |
| CNIDILIDE | -- |
| COIXENOLIDE | -- |
| COIXOL | -- |
| COLCHICINE | -- |

| Chemical | Dosage |
|--------------------------|------------------|
| COLCHICOSIDE | -- |
| CONIFERYL-ALDEHYDE | ED 1-10 ug/ear |
| CONJUGATED-LINOLEIC-ACID | -- |
| COPPER | -- |
| COPPER-SALICYLATE | 60-120 mg/day |
| COPTISINE | -- |
| CORILAGIN | -- |
| COUMARIN | -- |
| CROTALOBURINE | 20-Oct |
| CRYOGENINE | -- |
| CRYPTOAESCIN | -- |
| CUCURBITACIN-B | -- |
| CUPARENE | -- |
| CURCUMIN | 1 uM |
| CURCUMIN | 1,200 mg/man/day |
| CURCUMINOIDS | -- |
| CYANIDIN-3-O-GLUCOSIDE | -- |
| CYCLEANINE | -- |
| CYCLOARTENOL | -- |
| CYCLOBUXINE-D | -- |
| CYCLOSADOL | -- |
| CYTISINE | -- |
| DAIDZEIN | -- |
| DAMASCEINE | -- |
| DAURICINE | -- |
| DEHYDROCURDIONE | -- |
| DEHYDROCYCLOGUANANDIN | -- |

| Chemical | Dosage |
|--|---------------|
| DELTA-3-CARENE | ipr |
| DEMETHOXYCURCUMIN | -- |
| DEMETHYLTETRANDRINE | 5-25 ppm ipr |
| DESMETHOXYANGONIN | -- |
| DIHYDROHELENALIN | -- |
| DIHYDROHELENALIN-ESTERS | -- |
| DIHYDROKAWAIN | -- |
| DIHYDROMETHYSTICIN | -- |
| DIOGENIN | -- |
| DIOSMIN | 600 mg/kg rat |
| EDPETILINE | -- |
| EICOSAPENTAENOIC-ACID | IC50=57 uM |
| ELAEOCARPINE | -- |
| ELAIDIC-ACID | IC50=54 uM |
| ELLAGIC-ACID | -- |
| EMETINE | -- |
| EMODIN | 15 mg/kg |
| EN-YN-DICYCLOETHER | -- |
| ENT-16A-,17-DIHYDROXY-KAURAN-19-OIC-ACID | -- |
| EPHEDRINE | -- |
| EPHEDROXANE | -- |
| EPI-PROCURCUMENOL | -- |
| EPICATECHIN | -- |
| ERIODICTYOL | -- |
| ESCIN | orl |
| ESCULETIN | IC50=0.1-5 uM |
| ESCULIN | -- |

| Chemical | Dosage |
|---|------------------------------------|
| EUGENOL | (11 uM) IC ₉₇ =1,000 uM |
| EUGENYL-ACETATE | -- |
| EUGLOBAL | -- |
| EUPAFORMOSANIN | -- |
| EUPAHYSSOPIN | 2.5 mg/kg |
| EUPATOLIDE | -- |
| EUXANTHONE | -- |
| FAGARAMIDE | -- |
| FARADIOL | #NAME? |
| FARADIOL-MONOESTER | 1/3 indomethacin |
| FENUGREEKINE | -- |
| FERULIC-ACID | -- |
| FERULOYL-4-HYDROXYCINAMOYL-METHANE | -- |
| FETIDINE | -- |
| FICIN | -- |
| FLAVOKAWAIN-B | -- |
| FORSKOLIN | -- |
| FRAXIN | -- |
| FRIEDELAN-3-BETA-OL | 30 mg/kg |
| FRIEDELIN | 30 mg/kg |
| FUMOFICINALNE | 50 mg/kg |
| GALANGIN | IC ₅₀ =5.5 uM |
| GALLIC-ACID | -- |
| GALLOCATECHIN-(4ALPHA->8)-EPIGALLOCATECHIN | 1/4 indomethacin |
| GALLOCATECHIN-(4ALPHA->8)-GALLOCATECHIN | 1/4 indomethacin |
| GALLOCATECHIN-(4ALPHA->8)-GALLOCATECHIN-(4ALPHA->8)-GALLOCATECHIN | 1/4 indomethacin |
| GAMMA-BOSWELLIC-ACID | -- |

| Chemical | Dosage |
|-------------------------------|-------------------|
| GAMMA-TOCOPHEROL | -- |
| GAULTHERIN | -- |
| GENISTEIN | -- |
| GENTIANAINE | -- |
| GENTIANAMINE | -- |
| GENTIANIDINE | -- |
| GENTIANINE | -- |
| GENTIOPIICOSIDE | -- |
| GENTISIC-ACID | -- |
| GERMACRONE | -- |
| GINGEROL | -- |
| GINKGETIN | >1/3 indomethacin |
| GINKGOLIDE | -- |
| GINKGOLIDES | -- |
| GINSENOSE- <small>R-O</small> | 10-200 mg/kg orl |
| GITOGENIN | -- |
| GLABRIDIN | -- |
| GLUCOSAMINE-SULFATE | 500 mg 3 x day |
| GLYCYRRHETIC-ACID | -- |
| GLYCYRRHETINIC-ACID | -- |
| GLYCYRRHIZIC-ACID | -- |
| GLYCYRRHIZIN | -- |
| GNAPHALIIN | 1/2 indomethacin |
| GOSSYPIN | -- |
| GUAIAZULENE | -- |
| HAEMOCORIN | -- |
| HANFANGCHIN | -- |

| Chemical | Dosage |
|------------------------|--------------------|
| HARPAGIDE | -- |
| HARPAGOSIDE | IC50=10 uM |
| HASTATOSIDE | -- |
| HEDERAGENIN | -- |
| HELENALIN | 2.5 mg/kg |
| HELENALIN-ESTERS | -- |
| HELLICOSIDE | -- |
| HERACLENIN | -- |
| HERNANDEZINE | -- |
| HESPERIDIN | IC63=100 mg/kg scu |
| HESPERIDIN | IC47=50 mg/kg scu |
| HOLAPHYLLINE | -- |
| HOMOAROMOLINE | -- |
| HOMOCARNOSINE | -- |
| HUMULONE | 1 mg mus |
| HYPACONITINE | -- |
| HYPERIN | -- |
| HYPEROSIDE | 1/4 indomethacin |
| HYPOLAETIN-8-GLUCOSIDE | -- |
| IMPERATORIN | -- |
| INDOLE-3-CARBINOL | -- |
| INOPHYLLOLIDE | ED50=40 ipr |
| INOSINE | -- |
| ISOALANTOLACTONE | -- |
| ISOELAEOCARPINE | -- |
| ISOEUGENOL | -- |
| ISOFERULIC-ACID | -- |

| Chemical | Dosage |
|-----------------------------|--|
| ISOLIQUIRITIN | -- |
| ISOPIMPINELLIN | 100 ppm |
| ISOPLUMBAGIN | IC60=100 mg/kg orl rat (=phenylbutazone) |
| ISOQUERCITRIN | -- |
| ISOQUERCITROSIDE | 1/3 indomethacin |
| ISORHAMNETIN | -- |
| ISOTETRANDRINE | -- |
| ISOTHYMONIN | IC-37=1,000 uM |
| ISOTRILOBINE | -- |
| JACEIDIN | -- |
| JALIGONIC-ACID | -- |
| JATEORRHIZINE | -- |
| JATRORRHIZINE | -- |
| KAEMPFERIDE | -- |
| KAEMPFERITRIN | -- |
| KAEMPFEROL | 200 mg/kg ipr rat |
| KAEMPFEROL | 20 mg/kg |
| KAEMPFEROL-4'-O-METHYLETHER | -- |
| KAEMPFEROL-7-GLUCOSIDE | -- |
| KAMPFEROL-7-GLUCOSIDE | -- |
| KAWAIN | -- |
| KOPARIN | -- |
| L-EPHEDRINE | -- |
| L-GLUTATHIONE | -- |
| L-PULEGONE | -- |
| LANCEOLARIN | -- |
| LAPACHOL | ED76=100 |

| Chemical | Dosage |
|----------------------|--|
| LAWSARITOL | IC40=100 mg/kg orl rat |
| LAWSONE | IC60=100 mg/kg orl rat (=phenylbutazone) |
| LEIOCARPOSIDE | -- |
| LEUCOANTHOCYANIDINS | -- |
| LEUCODELPHINIDIN | -- |
| LICOCHALCONE-A | -- |
| LICURIZID | -- |
| LIMONENE | -- |
| LINALOOL | -- |
| LINDLEYIN | -- |
| LINOLEIC-ACID | IC50=31 uM |
| LIQUIRITIC-ACID | -- |
| LIQUIRITIGENIN | -- |
| LIQUIRITIN | -- |
| LIQUIRITONE | -- |
| LOGANIN | 1/2-1/5 indomethacin |
| LUPEOL | 1/3 indomethacin |
| LUPININE | -- |
| LUTEOLIN | #NAME? |
| LUTEOLIN-7-GLUCOSIDE | -- |
| MADECASSOSIDE | -- |
| MAGNESIUM | 100 mg 4 x/day |
| MAGNOSALIN | -- |
| MAGNOSHININ | -- |
| MANGIFERIN | -- |
| MANNITOL | -- |
| MARGASPIDIN | 50 mg/kg orl |

| Chemical | Dosage |
|---------------------------------|------------------------|
| MARMIN | IC62=1,000 ppm orl rat |
| MASLINIC-ACID | -- |
| MATRICINE | -- |
| MATRINE | 15-25 mg/kg ims mus |
| MAURITIANIN | -- |
| MENTHOL | -- |
| MESACONITINE | -- |
| METHYL-7-KAEMPFEROL | -- |
| METHYL-SALICYLATE | -- |
| METHYSTICIN | -- |
| MUFA | IC50=21 uM |
| MUFAS | IC50=21 uM |
| MYRICETIN | -- |
| MYRICITRIN | -- |
| MYRISTICIN | -- |
| N-HENTRIACONTANE | -- |
| NARINGENIN | 20 ppm |
| NARINGENIN-7-O-BETA-D-GLUCOSIDE | 20 ppm |
| NARINGIN | -- |
| NEO-CHLOROGENIC-ACID | -- |
| NEOSOLIQURITIN | -- |
| NEOLIQUIRITIN | -- |
| NEORUSCOGENIN | -- |
| NEPETRIN | -- |
| NESODINE | -- |
| NEVADENSIN | 75 mg/kg |
| NIACINAMIDE | -- |

| Chemical | Dosage |
|---------------------------|------------------|
| NIMBIDIN | -- |
| NORDIHYDROGUAIARETIC-ACID | -- |
| OLEANOLIC-ACID | 40 mg/kg ipr |
| OLEIC-ACID | IC50=21 uM |
| OLIVETOL | -- |
| OMEGA-3-FATTY-ACIDS | -- |
| OPC | -- |
| OPCS | -- |
| ORIENTIN | -- |
| OSTHOL | IC62 800 ppm orl |
| PAEONIFLORIN | -- |
| PAEONOL | -- |
| PALMATINE | -- |
| PALMIDROL | -- |
| PALUSTROSIDE | -- |
| PAPAIN | -- |
| PARTHENOLIDE | -- |
| PENTAGALLOYL-GLUCOSE | -- |
| PETILINE | -- |
| PHEOPHYTIN-A | -- |
| PHEOPHYTIN-B | -- |
| PHYTOLACCOSIDE | -- |
| PINOSTROBIN | -- |
| PIPERINE | 10 mg/kg |
| PLATYCODIN | 200 mg/kg |
| PLUMIERIDE | -- |
| PODOVERINE-A | -- |

| Chemical | Dosage |
|----------------------------------|--------------------|
| POLYGONOLIDE | -- |
| PROCURCUMENOL | -- |
| PROCYANIDIN-A-2 | MEC10.5=0.125 uM/l |
| PROPYL-GALLATE | -- |
| PROSTRATIN | -- |
| PROTocatechuic-ACID | -- |
| PROTOPINE | 100 mg/kg |
| PSEUDOEPHEDRINE | -- |
| PUERARIN | -- |
| PUNARNAVINE | -- |
| PUNICIC-ACID | -- |
| QUERCETIN | 20-150 mg/kg |
| QUERCETIN-3-METHYL-ETHER | -- |
| QUERCETIN-3-O-BETA-D-GLUCOSIDE | -- |
| QUERCETIN-3-O-BETA-D-GLUCURONIDE | -- |
| QUERCETIN-3-O-GALACTOSIDE | -- |
| QUERCETIN-3-O-METHYL-ETHER | -- |
| QUERCETIN-3-RHAMNOGLUCOSIDE | -- |
| QUERCETIN-PENTAMETHYL-ETHER | IC50=75 |
| QUERCITRIN | -- |
| QUINOVIC-ACID | -- |
| QUINOVIC-ACID-GYLCOSIDE | -- |
| RESINIFERATOXIN | -- |
| RESVERATROL | IC50=2.6 uM |
| RICINOLEIC-ACID | IC50=41 uM |
| ROSMARINIC-ACID | IC~58=1,000 uM |
| RUSCOGENIN | -- |

| Chemical | Dosage |
|------------------------|------------------|
| RUTIN | 20 mg/kg |
| S-ADENOSYLMETHIONINE | 1,200 mg/day |
| SABIANINE | -- |
| SAIKOSAPONIN | 10 mg/kg ip |
| SAIKOSAPONIN-A | -- |
| SAIKOSAPONIN-D | -- |
| SALICIN | -- |
| SALICYL-SALICYLIC-ACID | -- |
| SALICYLAMIDE | -- |
| SALICYLATES | -- |
| SALICYLIC-ACID | -- |
| SALIGENIN | -- |
| SANGUINARINE | -- |
| SANTAMARIN | -- |
| SANTAMARINE | -- |
| SCANDENOLIDE | -- |
| SCIADOPITYSIN | 1/3 indomethacin |
| SCOPARONE | -- |
| SCOPOLAMINE | -- |
| SCOPOLETIN | ED 1-10 ug/ear |
| SHEGANSU-A | -- |
| SHIKONIN | -- |
| SHOGAOL | -- |
| SIDERITOFLAVONE | -- |
| SILYMARIN | -- |
| SINAPALDEHYDE | -- |
| SINOACUTINE | IC26=300 ppm orl |

| Chemical | Dosage |
|----------------------|--------------------|
| SINOMENINE | -- |
| SODIUM-CURCUMATE | >Phenylbutazone |
| SOLASODINE | -- |
| SPARTEINE | -- |
| SPINOSIN | ED50=150 (ipr mus) |
| STIGMASTEROL | -- |
| SUPEROXIDE-DISMUTASE | -- |
| SYRINGALDEHYDE | ED=20 ug/ear |
| TANSHINONE | -- |
| TARAXASTEROL | 1/2 indomethacin |
| TARAXASTEROL-ACETATE | -- |
| TASPINE | -- |
| TAXIFOLIN | -- |
| TECTORIDIN | -- |
| TECTORIGENIN | -- |
| TERNOSIDE | -- |
| TETRAHYDROCURCUMIN | >Phenylbutazone |
| TETRANDRINE | -- |
| THALCIMENE | -- |
| THALFOETIDINE | -- |
| THALICSIMINE | 25-May |
| THALMINE | -- |
| THALSIMINE | -- |
| THYMOL | (=indomethacin) |
| TOCOPHEROL | -- |
| TOMATINE | -- |
| TOMENTOLIDE-A | 40 ipr |

| Chemical | Dosage |
|------------------|--------------------|
| TOMENTOLIDE-B | 40 ipr |
| TREMULACIN | -- |
| TRIETHYLCURCUMIN | -- |
| TRILOBINE | -- |
| TUBEROSINE | -- |
| TYLOPHORINE | -- |
| UMBELLIFERONE | -- |
| UROLITHIN-A | -- |
| URSOLIC-ACID | IC24=500 mg/kg |
| URSOLIC-ACID | 1/3 indomethacin |
| VANILLIC-ACID | -- |
| VERBASCOSIDE | -- |
| VICENIN-2 | ED50=148 (ipr mus) |
| VITAMIN-E | -- |
| VITEXIN | -- |
| WEDELOLACTONE | -- |
| WITHAFERIN-A | -- |
| WITHANOLIDE | -- |
| WITHANOLIDE-D | -- |
| WOGONIN | IC50=75 |
| XANTHOTHUMOL | -- |
| XANTHOTOXIN | 20 mg/man/day |
| YANGONIN | -- |
| ZINGERONE | -- |
| ZYGOPHYLLIN | -- |