

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Analgesic

Chemical	Dosage
(+)-ALLOMATRINE	--
(+)-ISOCORYDINE	--
(-)-ALPHA-BISABOLOL	--
(-)-ARGEMONINE	--
(-)-DICENTRINE	--
11-HYDROXY-DELTA-8-THC	ED50=0.12-0.19 ivn mus
11-HYDROXY-DELTA-9-THC	ED50=0.06-0.15 ivn mus
12-ACETYLDEHYDROLUCICULINE	--
2'-HYDROXY-FLAVONE	ED50=87
3-ACETYLACONITINE	5-30 x morphine
3-BETA-ACETOXY-20,25-EPOXYDAMMARANE-24-OL	--
3-HYDROXY-FLAVONE	ED50=55
4'-HYDROXY-FLAVONE	ED50=35
5,7-DIHYDROXY-FLAVONE	ED50=40
5-BETA-HYDROXYECDYSTERONE	--
5-HYDROXY-FLAVONE	ED50=31
6,7-DIMETHOXYCOUMARIN	--
6,7-DIMETHYLAESCULETIN	--
6,7-DIMETHYLESCULETIN	--
6-GINGEROL	140 mg/kg orl mus
6-GINGEROL	1.7-3.5 mg/kg ivn
6-HYDROXY-FLAVONE	ED50=32
6-HYDROXY-FLAVONE-GLUCOSIDE	ED50=10
6-SHOGAOL	1.7-3.5 mg/kg ivn
6-SHOGAOL	140 mg/kg orl mus
7,8-DIHYDROXYFLAVONE	ED50=200
7-HYDROXY-FLAVONE	ED50=125

Chemical	Dosage
7-HYDROXY-FLAVONE-GLUCOSIDE	ED50=21
8-O-CINNAMOYLHARPAGIDE	--
ABRIN	--
ACETYLDELGRANDINE	--
ACETYLSALICYLIC-ACID	450 mg/kg orl rat
ACETYLSALICYLIC-ACID	100 mg/kg orl mus
ACETYLSHIKONIN	17 mg/kg orl mus
ACONINE	--
ACONITINE	--
ADENOSINE	--
AESCULETIN	--
AESCULIN	--
AFFINISINE	--
ALLITHIAMIN	1-4 g day
ALLOCRYPTOPINE	--
ALOCUTIN-A	--
ALPHA-AMYRIN	--
ALPHA-BISABOLOL	--
AMARALIN	--
AMBELLINE	--
AMURENSINE	--
AMURINE	--
ANISATIN	0.03 mg/kg
ANISODINE	--
ANNOMONTINE	--
ARGEMONINE	--
ARMILLARIEN-A	--

Chemical	Dosage
ASCARIDOLE	--
ASCORBIC-ACID	5-10 g/day
ASPIRIN	450 mg/kg (orl rat)
ASPIRIN	100 mg/kg (orl mus)
ASPIRIN (ACETYLSALICYLIC-ACID; NOT NATURAL)	450 mg/kg (orl rat)
ASPIRIN (ACETYLSALICYLIC-ACID; NOT NATURAL)	100 mg/kg (orl mus)
ATRACTYLENOLIDE-I	78 mk/kg orl mus
ATRACTYLENOLIDE-II	78 mg/kg orl mus
ATRACTYLENOLIDE-III	78 mg/kg orl mus
ATROPINE	--
BACOSINE	--
BARBATOSIDE-A	--
BARBATOSIDE-B	--
BAYACHININE	--
BEIWUTINE	--
BENZOYLACONINE	--
BERBAMINE	--
BERBERASTINE	--
BERBERINE	--
BETA-AMYRIN	--
BETA-ECDYSTERONE	--
BORNEOL	--
BOSWELLIC-ACID	20-55 mg/kg ipr rat
BRADYKININASE	--
BROMELAIN	--
BULLEYACONITINE-A	--
CAFFEIC-ACID	--

Chemical	Dosage
CAMPHOR	--
CANNABIDIOL	--
CAPSAICIN	--
CARANINE	--
CARYOPHYLLENE	--
CASSAIDINE	--
CASSAMINE	--
CATHINE	5-25 2mg/kg
CATHINONE	5-25 mg/kg
CEPHARAMINE	--
CEPHARANOLINE	--
CEPHARANTHINE	--
CHAMAZULENE	--
CHELERYTHRINE	--
CHELIDONINE	--
CHLOROGENIC-ACID	--
CHOLINE-SALICYLATE	--
CINCHOPHYLLAMINE	--
CODEINE	97 mg/kg orl mus
CODEINE	22.5 orl rat
CORONARIDINE	15-100 mg/kg orl mus
COUMARIN	--
COUMINGINE	--
CREOSOTE	--
CYCLEANINE	--
DAIJISON	--
DAPHNETIN	--

Chemical	Dosage
DAURICINE	--
DEHYDROCURDIONE	40-200 mg/kg
DELTA-8-THC	ED50=0.6-2.3 ivn mus
DELTA-9-THC	ED50=0.2-2.0 ivn mus
DENDROBINE	--
DESMODIN	--
DIANOSIDE	--
DIANOSIDE-A	--
DICENTRINE	--
DIHYDROCANTHINE	>20 mg/kg ipr mus
DIHYDROHELENALIN	--
DIHYDROKAWAIN	150 mg/kg ipr mus
DIHYDROMETHYSTICIN	--
DIMETHYLAMINE-SALICYLATE	--
DITETRAHYDROPALMATINE	--
DL-TETRAHYDROPALMATINE	--
ECDYSTERONE	--
ELAEOCARPIDINE	ED40=50
ELAEOCARPINE	ED50=50
ERYTHROPHLAMINE	--
ERYTHROPHLEINE	--
ESCULETIN	--
ESCULIN	--
ETHYL-SALICYLATE	--
EUGENOL	--
EVODIAMINE	--
FALCARINDIOL	--

Chemical	Dosage
FALCARINOL	--
FANGCHINOLINE	--
FERULIC-ACID	--
FINACONITINE	--
FLAVONE	ED50=58
FUMARILINE	Oct-50
GALANTHAMINE	--
GALLIC-ACID	--
GELSEMINE	--
GENTIANINE	--
GENTISIC-ACID	--
GERMACRONE	--
GINGEROL	--
GINSENOSE-RE	10 mg/kg mus
GIPARMEN	--
GLAUCOLIDE-B	160 mg/kg
GLUCOSAMINE-SULFATE	500 mg 3 x day
GLYCYRRHIZIN	--
GOSSYPIN	--
HANFANGCHIN	--
HARPAGIDE	--
HARPAGOSIDE	--
HASTATOSIDE	--
HELENALIN	--
HESPERIDIN	--
HOMOAROMOLINE	--
HOMOPHLEINE	--

Chemical	Dosage
HYOSCYAMINE	--
HYPACONITINE	--
HYPEROSIDE	--
INOKOSTERONE	--
ISOELAEOCARPINE	ED50=50
KAEMPFEROL-3-O-SOPHOROSIDE	IC40=50 mg/kg
KANSUININ	0.5 mg/kg
KAWAIN	300 mg/kg ipr mus
KIMPUKAN-A	--
KIMPUKAN-B	--
L-DOPA	--
LAPACHOL	--
LAPPACONITINE	--
LAWSONE	--
LIDOCAINE	--
LINALOOL	--
LINDLEYIN	--
LIQUIRITOSIDE	--
LIRIODENINE	--
LYCORINE	--
MANNITOL	--
MATRICINE	--
MEDICARPIN	--
MENTHOL	--
MENTHONE	--
MESACONITINE	--
METHYL-SALICYLATE	--

Chemical	Dosage
METHYSTICIN	360 mg/kg ipr mus
MITRAGYNINE	--
MORPHINE	5-20 mg/4 hrs/ivn orl scu/man
MORPHINE	50 mg/kg orl mus
MYRCENE	--
N,N-DIETHYLAMINO-ETHYLAMINOCANTHIN-6-ONE	250 orl mus
NANDININE	--
NARCEINE	--
NARCOTINE	--
NEOPINE	--
NEPETRIN	--
NICOTINE	2 mg/kg ipr mus
NIMBIDIN	--
NORCASSAIDINE	--
NORDIHYDROGUAIARETIC-ACID	300-400 mg/man/day
O-METHYLFLAVINANTHINE	--
ORIPAVINE	0.0075 mg/dog ims
ORIPAVINE	0.6 mg/kg scu mus
OSTHOL	--
P-CYMENE	--
PAEONAL	--
PAEONIFLORIN	--
PAEONOL	--
PALMATINE	--
PANACEN	--
PHENOL	--
PINIPICRINE	--

Chemical	Dosage
PIPERINE	--
PLATYCODIN	20-200 mg/kg
PLUMIERIDE	--
PROPYL-GALLATE	--
PROTOPINE	--
PYRIDOXINE	50 mg day
QUERCETIN	--
QUERCETIN-3-O-GALACTOSIDE	--
QUINIDINE	--
QUININE	--
QUININE-SULFATE	--
RETICULINE	--
RHAZINILAM	--
RIBONUCLEASE	--
RICIN	--
ROTUNDINE	--
RUTAECARPINE	--
S-ADENOSYLMETHIONINE	1,200 mg/day
SABIANINE	--
SAIKOSAPONIN	--
SAIKOSAPONIN-D	--
SALICIN	--
SALICORTIN	--
SALICYL-SALICYLIC-ACID	--
SALICYLAMIDE	--
SALICYLIC-ACID	--
SALIGENIN	--

Chemical	Dosage
SCHELHAMMERIDINE	--
SCHISANDRIN	--
SCOPARONE	--
SCOPOLAMINE	--
SCOPOLETIN	--
SELENIUM	200 ug/day
SEROTONIN	0.1 mg/rat ith
SHIKIMIC-ACID	--
SHOGAOL	--
SINOMENINE	--
SKIMMIANINE	--
SOLANINE	--
SPECIOCILIATINE	--
SPIROCHIN	--
STENOCARPINE	--
TERPINEOL	10-100 ug/ml
TETRAHYDROCANNABINOL	20-May
TETRAHYDROPALMATINE	<morphine
TETRAHYDROPALMATINE	--
TETRANDRINE	--
THEBAINE	--
THIAMIN	1-4 g/day
THYMOL	--
TOCOPHEROL	100 IU 3 x day
TRANS-ANETHOLE	10-100 ug/ml
TREMULACIN	--
TRILOBINE	--

Chemical	Dosage
TRIMETHYLRSMARICINE	--
TRYPTOPHAN	750 mg/4x/day/orl/man
URSOLIC-ACID	--
VENENATINE	--
VERANISATIN-A	0.1 mg/kg
VERANISATIN-B	0.1 mg/kg
VERANISATIN-C	0.1 mg/kg
VERATRINE	--
VERBASCOSIDE	--
VINCRISTINE	--
VITAMIN-B-1	1-4 g/day
VITAMIN-E	100 IU 3 x day
VOBASINE	--
ZINC	--