

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

**List of Chemicals for Sedative**

Chemical	Dosage
(+)-BORNYL-ISOVALERATE	--
(-)-DICENTRINE	LD50=187
1,8-CINEOLE	--
2-METHYLBUT-3-ENE-2-OL	--
6-GINGEROL	--
6-SHOGAOL	--
ACYLSPINOSIN	--
ADENOSINE	--
AQUAMMIDINE	--
ALPHA-PINENE	--
ALPHA-TERPINEOL	--
AMYL-BUTYRATE	--
AMYLASE	--
ANEMONIN	--
ANGELIC-ACID	--
ANGELICIN	ED=20-80
ANISATIN	0.03 mg/kg
ANNOMONTINE	--
APIGENIN	30-100 mg/kg
ARECOLINE	1 mg/kg
ASARONE	--
ASCARIDOLE	--
ATHEROSPERMINE	--
BAICALIN	--
BALDRINAL	--
BENZALDEHYDE	--
BENZYL-ALCOHOL	--

Chemical	Dosage
BERBERASTINE	--
BERBERINE	--
BERGENIN	--
BETA-AMYRIN-PALMITATE	--
BETA-EUDESOL	--
BETA-PHENYLETHANOL	--
BETA-RESERCYCLIC-ACID	--
BORNEOL	--
BORNYL-ACETATE	--
BOSWELLIC-ACID	20-55 mg/kg ipr rat
BRAHMINOSIDE	--
BRAHMOSIDE	--
BULBOCAPNINE	--
BUTYL-PHTHALIDE	--
CAFFEIC-ACID	500 mg
CANNABIDIOLIC-ACID	--
CANNABINOL	ED=200
CARPACIN	--
CARVONE	--
CARYOPHYLLENE	--
CHELIDONINE	--
CHIKUSETSUSAPONIN	--
CINNAMALDEHYDE	--
CITRAL	1 mg/kg
CITRAL	ED 1-32 mg/kg
CITRONELLAL	ED=1 mg/kg
CITRONELLOL	--

Chemical	Dosage
CODEINE	--
COLUBRIN	--
COLUBRINOSIDE	--
CORYDINE	--
CORYNANTHEINE	--
COUMARIN	--
CRYOGENINE	--
CRYPTOCARYALACTONE	250 mg/kg
CUMINALDEHYDE	--
CUSSONOSIDE-A	--
CYCLOSTACHINE-A	--
DAIGREMONTIANIN	--
DELTA-9-THC	10 mg/orl/man/day
DESERPIDINE	--
DESMETHOXYANGONIN	200 mg/kg ipr
DIAZEPAM	40-200 ug/lg/3-4x/day
DICENTRINE	LD50=187
DIDROVALTRATUM	--
DIHYDROKAWAIN	--
DIHYDROMETHYSTICIN	60 mg/kg ipr
DIHYDROVALTRATE	--
DILLAPIOL	ED50=1.57
DIMETHOXYALLYLBENZENE	--
DIMETHYLVINYLCARBINOL	--
DIPENTENE	--
DITETRAHYDROPALMATINE	--
DL-TETRAHYDROPALMATINE	--

Chemical	Dosage
DUBINIDINE	--
EUGENOL	--
EVOXINE	--
FALCARINOL	--
FARNESOL	--
FRANGUFOLINE	--
FRUTICINE	--
FUMARILINE	Oct-50
FUMARINE	--
GABA	--
GALANTHAMINE	--
GAMMA-AMINOBUTYRIC-ACID	--
GASTRODIN	--
GENTIANINE	--
GERANIOL	--
GERANYL-ACETATE	--
GERANYL-BUTYRATE	--
GINGEROL	--
HERSAPONIN	--
HOBENOSIDES	--
HOMOBALDRINAL	100 mg/kg
HONOKIOL	--
HYDRASTINE	--
HYOSCYAMINE	--
HYPERFORIN	--
IMPERATORIN	--
ISOBORNEOL	--

Chemical	Dosage
ISOCORYDINE	--
ISOEUGENOL	--
ISOPATRINENE	--
ISORHYNCHOPHYLLINE	--
ISOVALERIC-ACID	--
JATAMANSONE	--
JATRORRHIZINE	--
JUGLONE	--
JUJUBOGENIN	--
JUJUBOSIDES	--
KAWAIN	60 mg/kg ipr
KESOGLYCOL	--
LACTUCIN	--
LACTUCOPICRIN	--
LAGOCHILIN	30 mg/man
LAGOCHILIN-TETRAACETATE	--
LICARIN-B	200 mg/kg ipr
LIMONENE	ED=1-32 mg/kg
LINALOOL	ED=1-32 mg/kg
LINALOOL	200 mg/kg ipr mus (1% as active as diazepam)
LINALYL-ACETATE	--
LIRIODENINE	--
LYCORINE	--
MALTOL	--
MARACUGIN	--
MARSILIN	400 mg/kg
MENTHONE	--

Chemical	Dosage
MENTHYL-VALERATE	--
METHOXYANNOMONTINE	--
METHYL-EUGENOL	--
METHYL-PHTHALIDES	--
METHYSTICIN	45 mg/kg ipr
MORPHINE	--
MYRISTICIN	300 mg/kg ipr
N-BUTYL-4,5-DIHYDROPHTHALIDE	--
NARCOTINE	--
NEPETALACTONE	--
NEROL	--
NIACIN	--
NORDIJDROTOXIFERINE	--
NORISOCORYDINE	--
NORMACUSINE-B	20-50 mus
OLEANOLIC-ACID	--
P-ACETANISOLE	LD50=1,720 mg/kg orl rat
P-ANISALDEHYDE	--
P-CYMENE	--
PAEONAL	--
PAEONOL	--
PASSIBIFLORINE	--
PATRINE	--
PATRINENE	--
PERILLALDEHYDE	--
PHENETHYL-ALCOHOL	--
PHLORIDZIN	--

Chemical	Dosage
PHLORIZIN	--
PTHALIDE	--
PLATYCODIN	--
PROTOANEMONIN	--
PROTOPINE	--
PROTOSAPPANIN-A	--
PROTOSAPPANIN-B	--
PULEGONE	--
RECANESCINE	--
RESCINNAMINE	--
RESERPINE	--
RHYNCHOPHYLLINE	--
ROTUNDINE	--
SAIKOSAPONIN-D	--
SALICIN	--
SANJOININE	--
SCOPOLAMINE	13 mg/kg scu rat
SCOPOLAMINE	0.5-1 mg/orl/man
SEDANENOLIDE	--
SERPENTINE	--
SHOGAOL	--
SINOMENINE	--
SKIMMIANINE	--
SOLANINE	--
SOMNIFERINE	--
SPINOSIN	--
STIGMASTEROL	--

Chemical	Dosage
SWERTISIN	--
TETRAHYDROCANNABINOL	--
TETRAHYDROPALMATINE	100-200 mg/man
THYMOL	--
TIGLOIDINE	--
TRICHOTOMINE	--
TRYPTOPHAN	3-10 g/man/day
VALEPOTRIATES	--
VALERENIC-ACID	--
VALERENONE	--
VALERIC-ACID	--
VERANISATIN-A	0.1 mg/kg
VERANISATIN-B	0.1 mg/kg
VERANISATIN-C	0.1 mg/kg
VINCAMINE	50-500 mg/man/day
VISAMINE	--
VITAMIN-B	--
VITAMIN-B3	--
WITHASOMNINE	--
YANGONIN	45 mg/kg ipr