

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

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

| Chemical | Dosage |
|-------------------|------------------|
| SERPENTINE | -- |
| SEDANENOLIDE | -- |
| SCOPOLAMINE | 13 mg/kg scu rat |
| SCOPOLAMINE | 0.5-1 mg/orl/man |
| SANJOININE | -- |
| SALICIN | -- |
| SAIKOSAPONIN-D | -- |
| ROTUNDINE | -- |
| RHYNCHOPHYLLINE | -- |
| RESERPINE | -- |
| RESCINNAMINE | -- |
| RECANESCINE | -- |
| PULEGONE | -- |
| PROTOSAPPANIN-B | -- |
| PROTOSAPPANIN-A | -- |
| PROTOPINE | -- |
| PROTOANEMONIN | -- |
| PLATYCODIN | -- |
| PHTHALIDE | -- |
| PHLORIZIN | -- |
| PHLORIDZIN | -- |
| PHENETHYL-ALCOHOL | -- |
| PERILLALDEHYDE | -- |
| PATRINENE | -- |
| PATRINE | -- |
| PASSIBFLORINE | -- |
| PAEONOL | -- |

| Chemical | Dosage |
|------------------------------|--------------------------|
| PAEONAL | -- |
| P-CYMENE | -- |
| P-ANISALDEHYDE | -- |
| P-ACETANISOLE | LD50=1,720 mg/kg orl rat |
| OLEANOLIC-ACID | -- |
| NORMACUSINE-B | 20-50 mus |
| NORISOCORYDINE | -- |
| NORDIJDROTOXIFERINE | -- |
| NIACIN | -- |
| NEROL | -- |
| NEPETALACTONE | -- |
| NARCOTINE | -- |
| N-BUTYL-4,5-DIHYDROPHthalIDE | -- |
| MYRISTICIN | 300 mg/kg ipr |
| MORPHINE | -- |
| METHYSTICIN | 45 mg/kg ipr |
| METHYL-PHTHALIDES | -- |
| METHYL-EUGENOL | -- |
| METHOXYANNOMONTINE | -- |
| MENTHYL-VALERATE | -- |
| MENTHONE | -- |
| MARSILIN | 400 mg/kg |
| MARACUGIN | -- |
| MALTOL | -- |
| LYCORINE | -- |
| LIRIODENINE | -- |
| LINALYL-ACETATE | -- |

| Chemical | Dosage |
|-------------------------|--|
| LINALOOL | ED=1-32 mg/kg |
| LINALOOL | 200 mg/kg ipr mus (1% as active as diazepam) |
| LIMONENE | ED=1-32 mg/kg |
| LICARIN-B | 200 mg/kg ipr |
| LAGOCHILIN-TETRAACETATE | -- |
| LAGOCHILIN | 30 mg/man |
| LACTUCOPICRIN | -- |
| LACTUCIN | -- |
| KESOGLYCOL | -- |
| KAWAIN | 60 mg/kg ipr |
| JUJUBOSIDES | -- |
| JUJUBOGENIN | -- |
| JUGLONE | -- |
| JATRRORRHIZINE | -- |
| JATAMANSONE | -- |
| ISOVALERIC-ACID | -- |
| ISORHYNCHOPHYLLINE | -- |
| ISOPATRINENE | -- |
| ISOEUGENOL | -- |
| ISOCORYDINE | -- |
| ISOBORNEOL | -- |
| IMPERATORIN | -- |
| HYPERFORIN | -- |
| HYOSCYAMINE | -- |
| HYDRASTINE | -- |
| HONOKIOL | -- |
| HOMOBALDRINAL | 100 mg/kg |

| Chemical | Dosage |
|-------------------------|-----------|
| HOBENOSIDES | -- |
| HERSAPONIN | -- |
| GINGEROL | -- |
| GERANYL-BUTYRATE | -- |
| GERANYL-ACETATE | -- |
| GERANIOL | -- |
| GENTIANINE | -- |
| GASTRODIN | -- |
| GAMMA-AMINOBUTYRIC-ACID | -- |
| GALANTHAMINE | -- |
| GABA | -- |
| FUMARINE | -- |
| FUMARILINE | Oct-50 |
| FRUTICINE | -- |
| FRANGUFOLINE | -- |
| FARNESOL | -- |
| FALCARINOL | -- |
| EVOXINE | -- |
| EUGENOL | -- |
| DUBINIDINE | -- |
| DL-TETRAHYDROPALMATINE | -- |
| DITETRAHYDROPALMATINE | -- |
| DIPENTENE | -- |
| DIMETHYLVINYLCARBINOL | -- |
| DIMETHOXYALLYLBENZENE | -- |
| DILLAPIOL | ED50=1.57 |
| DIHYDROVALTRATE | -- |

| Chemical | Dosage |
|--------------------|-----------------------|
| DIHYDROMETHYSTICIN | 60 mg/kg ipr |
| DIHYDROKAWAIN | -- |
| DIDROVALTRATUM | -- |
| DICENTRINE | LD50=187 |
| DIAZEPAM | 40-200 ug/lg/3-4x/day |
| DESMETHOXYANGONIN | 200 mg/kg ipr |
| DESERPIDINE | -- |
| DELTA-9-THC | 10 mg/orl/man/day |
| DAIGREMONTIANIN | -- |
| CYCLOSTACHINE-A | -- |
| CUSSONOSIDE-A | -- |
| CUMINALDEHYDE | -- |
| CRYPTOCARYALACTONE | 250 mg/kg |
| CRYOGENINE | -- |
| COUMARIN | -- |
| CORYNANTHEINE | -- |
| CORYDINE | -- |
| COLUBRINOSIDE | -- |
| COLUBRIN | -- |
| CODEINE | -- |
| CITRONELLOL | -- |
| CITRONELLAL | ED=1 mg/kg |
| CITRAL | ED 1-32 mg/kg |
| CITRAL | 1 mg/kg |
| CINNAMALDEHYDE | -- |
| CHIKUSETSUSAPONIN | -- |
| CHELIDONINE | -- |

| Chemical | Dosage |
|-----------------------|---------------------|
| CARYOPHYLLENE | -- |
| CARVONE | -- |
| CARPACIN | -- |
| CANNABINOL | ED=200 |
| CANNABIDIOLIC-ACID | -- |
| CAFFEIC-ACID | 500 mg |
| BUTYL-PHTHALIDE | -- |
| BULBOCAPNINE | -- |
| BRAHMOSIDE | -- |
| BRAHMINOSIDE | -- |
| BOSWELLIC-ACID | 20-55 mg/kg ipr rat |
| BORNYL-ACETATE | -- |
| BORNEOL | -- |
| BETA-RESERCYCLIC-ACID | -- |
| BETA-PHENYLETHANOL | -- |
| BETA-EUDESOL | -- |
| BETA-AMYRIN-PALMITATE | -- |
| BERGENIN | -- |
| BERBERINE | -- |
| BERBERASTINE | -- |
| BENZYL-ALCOHOL | -- |
| BENZALDEHYDE | -- |
| BALDRINAL | -- |
| BAICALIN | -- |
| ATHEROSPERMINE | -- |
| ASCARIDOLE | -- |
| ASARONE | -- |

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