

# List of Plants



## CAS Number

58,082

## Chemid

CAFFEINE

## Dosage

LD50=200 (orl rat)

LD50=192 (orl rat)

LD50=127-1,200 (orl mus) Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.

Merck 11th Edition

LD50=224-246 (orl rbt)

LDlo=192 (orl hmn)

LD50=247-355 (orl rat) Merck 11th Edition

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Annona cherimola	Seed	--	--		*
Camellia sinensis	Leaf	3810.0	93000.0	1.38	*
Camellia sinensis	Tissue Culture	--	--		*
Camellia sinensis	Seed	--	--		*
Camellia sinensis	Plant	--	--		*
Camellia sinensis	Flower	--	--		*
Camellia sinensis	Anther	0.1	--		*
Camellia sinensis	Shoot	38100.0	47900.0		*
Camellia sinensis	Seed Coat	--	--		*
Camellia sinensis	Pericarp	--	--		*
Camellia sinensis	Stem	--	--		*
Citrus sinensis	Leaf	--	6.0	-0.94	Jim Duke's personal files.
Citrus limon	Flower	--	50.0	0.22	*
Citrus sinensis	Flower	--	62.0	1.1	Jim Duke's personal files.
Citrus paradisi	Flower	--	29.0	-1.32	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus sinensis	Bud	--	0.3		Jim Duke's personal files.

<i>Coffea arabica</i>	Seed	600.0	32000.0	0.33	*
<i>Cola acuminata</i>	Seed	10000.0	25000.0	0.04	*
<i>Firmiana simplex</i>	Seed	--	--		*
<i>Genipa americana</i>	Seed	--	22500.0	-0.07	Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Guazuma ulmifolia</i>	Leaf	--	--		*
<i>Ilex paraguariensis</i>	Leaf	2000.0	20000.0	-0.44	*
<i>Paullinia yoko</i>	Bark	--	27300.0		*
<i>Paullinia cupana</i>	Plant	--	25000.0		*
<i>Paullinia cupana</i>	Seed	9100.0	76000.0	2.16	*
<i>Paullinia yoko</i>	Leaf	--	--		*
<i>Theobroma bicolor</i>	Petiole	72.0	138.0	-0.27	*
<i>Theobroma angustifolium</i>	Seed	35.0	57.0	-1.0	*
<i>Theobroma cacao</i>	Seed	500.0	12900.0	-0.47	*
<i>Theobroma cacao</i>	Petiole	51.0	252.0	1.34	*
<i>Theobroma bicolor</i>	Testa	192.0	235.0	-0.36	*
<i>Theobroma bicolor</i>	Fruit	158.0	184.0		*
<i>Theobroma angustifolium</i>	Petiole	80.0	82.0	-1.06	*
<i>Theobroma bicolor</i>	Seed	110.0	147.0	-1.0	*
<i>Theobroma angustifolium</i>	Testa	38.0	52.0	-1.01	*
<i>Theobroma cacao</i>	Testa	130.0	723.0	1.36	*
<i>Turnera diffusa</i>	Shoot	--	--		*
<i>Turnera diffusa</i>	Leaf	--	--		*