

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

Chemical	Dosage
(+)-CATECHIN	--
(-)-EPICATECHIN	--
(-)-EPIGALLOCATECHIN-GALLATE	--
2,3-DIHYDROXYBENZOIC-ACID	--
3'-O-METHYL-CATECHIN	--
4-O-METHYL-GLUCURONOXYLAN	--
ACEMANNAN	--
AGRIMONIIN	--
ALANTOLACTONE	--
ALLANTOIN	--
ALLICIN	--
ALLIIN	--
ALLOISOPTEROPODINE	--
ALLOPTEROPODINE	--
ALPHA-LINOLENIC-ACID	0.12 ml/man/day
ANETHOLE	--
ARABINO GALACTAN	3.7-500 ug/ml
ARACHIDONIC-ACID	--
ARCTIGENIN	--
ARISTOLOCHIC-ACID	--
ARISTOLOCHIC-ACID-I	--
ARMILLARIEN-A	--
ASCORBIC-ACID	--
ASTRAGALAN-I	--
ASTRAGALAN-II	--
ASTRAGALAN-III	--
ASTRAGALIN	--

Chemical	Dosage
BENZALDEHYDE	--
BERBAMINE	--
BERBERASTINE	--
BERBERINE	--
BETA-CAROTENE	180 mg/man/day/orl
BUPLUERAN-2IIC	--
CAFFEIC-ACID	--
CARRAGEENAN	--
CATECHIN	--
CAVININE	--
CEPHARANTHINE	--
CHELERYTHRINE	--
CHICORIC-ACID	10-100 ug/ml
CHLOROGENIC-ACID	--
CICHORIC-ACID	10-100 ug/ml
CINNAMAN-AX	--
CLEISTANTHIN	--
CORDIOFOLISIDE-A	--
CORDIOL	--
CORDIOSIDE	--
COUMARIN	--
CURCULIGOSIDE	--
CURCUMIN	40 mg/kg/5 wk orl rat
CYNANCHOSIDE	--
DAPHNETIN	--
DIALLYL-DISULFIDE	--
DIALLYL-THIOSULFONATE	--

Chemical	Dosage
DIKETOCORIOLIN-B	--
DIOSPYRIN	--
ECHINACOSIDE	--
ELEUTHEROSIDES	--
ELLAGITANNIN	--
EMETINE	1 ppm
EMODIN	--
EPICATECHIN-GALLATE	--
ESTROGENS	--
EUFOLIATIN	ED27=1 uM
EUFOLIATORIN	ED10=1 uM
EUPAHYSSOPIN	2.5 mg/kg
EUPATORIN	--
EUPERFOLIN	ED42=1 uM
EUPERFOLITIN	ED12=1 uM
FERULIC-ACID	--
FOLIC-ACID	--
FUCANS	--
FUCOGALACTOXYLOGLUCAN	--
FUCOIDAN	--
GALLIC-ACID	--
GENISTEIN	2-20 mg/kg orl mus
GLYCYRRHETIC-ACID	--
GLYCYRRHETINIC-ACID	--
GLYCYRRHIZIC-ACID	--
GLYCYRRHIZIN	--
GOSSYPOL	--

Chemical	Dosage
HELENALIN	ED42=1 uM
INULIN	--
ISOMITRAPHYLLINE	--
ISOPTEROPODINE	10-Jan
ISORHYNCHOPHYLLINE	--
KALBRECLASINE	--
L-GLUTATHIONE	--
LAPACHOL	0.01 mg/ml
LENTINAN	--
LUTEOLOL	--
LYSOLECITHIN	0.01-1 ug/ml
LYSOLECTIN	--
MAESANINE	--
MANGIFERIN	--
MATRINE	--
MELATONIN	--
MITRAPHYLLINE	--
MUCOPOLYSACCHARIDES	--
OXYMATRINE	2-10 ug/ml
PAEONIFLORIN	--
PHORBOL	--
PHOSPHORUS	--
PILOCARPINE	--
PLUMBAGIN	0.01-1 ug/ml
PROTocatechuic-acid	--
PYCNOGENOL	--
RICIN	--

Chemical	Dosage
ROSMARINIC-ACID	--
S-ALLYL-L-CYSTEINE	--
SAIKOSAPONIN	--
SAPOSHNIKOVAN-A	--
SELENIUM	100-200 (-400) ug/man/day
SITOINDOSIDE-IX	100-400 ug/mus
SITOINDOSIDE-X	100-400 ug/mus
SITOINDOSIDES	--
SQUALENE	--
SYRINGIN	--
TANNIC-ACID	--
TENULIN	2.5 mg/kg
THAPSIGARGIN	--
THEAFLAVIN-DIGALLATE	--
TOCHIBANAN-A	--
TOCHIBANAN-B	--
TOCOPHEROL	60-800 IU
TOMATINE	--
TRAGACANTH	2.5 ug/mus
UBIQUINONE	--
UBIQUINONE-Q7	100 ug/ml
UBIQUINONE-Q8	100 ug/ml
UKONAN-A	--
URUSHIOL	--
VITAMIN-E	60-800 IU
ZEXBREVINE	--
ZINC	--