

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Antiprostaglandin

Chemical	Dosage
(+)-CATECHIN	IC50=40-943 uM (cf indomethacin IC50=1 uM)
(E)-4-(3',4'-DIMETHOXYPHENYL)-BUT-3-EN-OL	--
10-DEHYDROGINGERDIONE	--
10-GINGERDIONE	--
2',6'-DIMETHOXY-4'-HYDROXYACETOPHENONE	--
2,6-DIMETHOXYPHENOL	--
4-VINYL-GUAIACOL	--
6-DEHYDROGINGERDIONE	--
6-GINGERDIONE	--
6-GINGEROL	--
6-SHOGAOL	--
7-(4'-HYDROXY-3'-METHOXYPHENYL)-1,4-PHENYL-3,5-HEPTADIONE	--
7-[3-(3,4-DIHYDROXY-4-HYDROXYMETHYL-TETRAHYDRO-FURAN-2-YLOXY)-4,5-DIHYDROXY-6-HYDROXYMETHYL-TETRAHYDRO-PYRAN-2-YLOXY]...	250 ug/ml
AJOENE	--
ALLICIN	IC67=50 uM
ALPHA-CYPERONE	--
ANACARDIC-ACID	--
ARISTOLOCHIC-ACID	--
ARNEBINONE	--
ASTRINGENIN	IC50=45 uM
BETA-SITOSTEROL	30 mg/day/12 wks
BOLDINE	IC53=75 uM
BROMELAIN	--
BUTYL-PHTHALIDE	--
CAFFEIC-ACID	--
CANNFLAVIN	--
CARVACROL	--

Chemical	Dosage
CATECHIN	IC50=80 uM (cf indomethacin IC50=1 uM)
CHRYSANTHENYL-ACETATE	--
CONIFERYL-ALCOHOL	--
CONIFERYL-ALDEHYDE	--
CRYOGENINE	424-1,050 ppm
CURCUMIN	8.8 uM
CURCUMINOIDS	--
DIARYLHEPTANOID	--
DIOSMIN	--
EUGENOL	11 uM
EUGENOL	IC50=9.2 mM
EUGENYL-ACETATE	ED50=3 uM
FAGARAMIDE	--
GAMMA-TOCOPHEROL	--
GINGEROL	0.5-20 uM
GINKGOIC-ACID	--
GINKGOLIC-ACID	--
GLYCYRRHIZIN	--
HESPERIDIN	--
KAWAIN	--
LIGUSTILIDE	--
LUPEOL	--
MICHELFUSCALIDE	--
N-CAFFEYOYL-E-PHENETHYLAMINE	--
N-CINNAMOYLDOPAMINE	--
PARTHENOLIDE	--
PHENYL-ALKYL-KETONES	--

Chemical	Dosage
PUNICIC-ACID	--
RESVERATROL	IC50=2.6 uM
ROSMARINIC-ACID	20 mg/kg ivn
SCOPOLETIN	--
SEDANOLIDE	250 pg/ml
SENKYUNOLIDE-J	250 pg/ml
SENKYUNOLIDE-N	250 pg/ml
TRYPTOPHAN	250 pg/ml
UMBELLIFERONE	--
URUSHIOL	--
XANTHOXYLIN	--