

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Cyclooxygenase-Inhibitor

Chemical	Dosage
KAWAIN	IC50=71-115 uM/l
GALANGIN	IC50=5.5 uM
BUDMUNCHIAMINES	IC50=27ug/ml
BROUSSOAUURONE-A	IC50=23 ug/ml
PTEROSTILBENE	IC50=20-84 uM
BROUSSOCHALCONE-A	IC50=19 ug/ml
BROUSSOFLAVONOL-F	IC50=18 ug/ml
RESVERATROL	IC50=15 uM
THYMOQUINONE	IC50 3.5 ug/ml
FISETIN	IC50 (uM) =80
FLAVONE	IC50 (uM) =8
HYPOLAETIN	IC50 (uM) =70
GALANGIN	IC50 (uM) =7
MYRCETIN	IC50 (uM) =56
NDGA	IC50 (uM) =5
PROPYL-GALLATE	IC50 (uM) =30
KAEMPFEROL	IC50 (uM) =20
MORIN	IC50 (uM) =180
CARNOSOL	IC50 (uM) =16
TROLOX	IC50 (uM) =1000
3-HYDROXY-FLAVONE	IC50 (uM) =1
CARDOL	IC28-98=10 uM
URSOLIC-ACID	--
N-ISOBUTYL-OCTADECA-TRANS-2-TRANS-4-DIENAMIDE	--
GINGEROL	--
POLYPHENOLS	--
MYRICETIN-3-O-BETA-D-GLUCURONIDE	--

Chemical	Dosage
CIS-N-PROPYLSULPHINOTHIOIC-ACID-S-1-PROPENYLESTER	--
CEPAENE	--
SHOGAOL	--
NORDIHYDROGUAIARETIC-ACID	--
APIGENIN	--
N-ISOBUTYL-HEXADECA-TRANS-2-TRANS-4-DIENAMIDE	--
PARTHENOLIDE	--
TRANS-TRANS-5-ETHYL-4,6,7-TRITHIA-2,8-DECADIENE-4-S-OXIDE	--
TANNIN	--
BERBERINE	--
N-2'-METHYL-BUTYL-DECA-TRANS-2-TRANS-4-DIENAMIDE	--
ZINGERONE	--
TRANS-RESVERATROL	--
PENTAGALLOYL-GLUCOSE	--
TRANS-5-ETHYL-4,6,7-TRITHIA-2-DECENE-4-S-OXIDE	--
EVODIAMINE	--
CATECHIN	--
GAMMA-TOCOPHEROL	--
AJOENE	--
(-)-EPIGALLOCATECHIN-GALLATE	--
N-ISOBUTYL-TETRADECA-TRANS-2-TRANS-4-DIENAMIDE	--
BUTYLIDENE-PHTHALIDE	--
GALLIC-ACID	--
TRANS-N-PROPYLSULPHINOTHIOIC-ACID-S-1-PROPENYLESTER	--
HUMULONE	--
CIS-METHYLSULPHINOTHIOIC-ACID-S-1-PROPENYLESTER	--
SALICYLIC-ACID	--

Chemical	Dosage
(+)-CATECHIN	--
N-ISOBUTYL-OCTA-TRANS-2-TRANS-4-DIENAMIDE	--
HESPERIDIN	--
OLEANOLIC-ACID	--
N-PROPYLSULPHINOTHIOIC-ACID-S-N-PROPYLESTER	--
CURCUMIN	--
BAICALEIN	--
N-ISOBUTYL-DODECA-TRANS-2-TRANS-4-DIENAMIDE	--
(15:1)-CARDANOL	--
ISOLIQUIRITIGENIN	--
URUSHIOL	--
DIOSMIN	--
RUTAECARPINE	--
CINNAMALDEHYDE	--
MELATONIN	--
BOSWELLIC-ACID	--
DIRCA-PHENOLIC-GLUCOSIDE-5	--
6-GINGEROL	--
PUNICIC-ACID	--
ALLICIN	--
PELLITORINE	--
ATRACTYLOCHROMENE	--
GALANGIN-3,5,7-TRIHYDROXYFLAVONE	--
TRANS-METHYLSULPHINOTHIOIC-ACID-S-1-PROPENYLESTER	--
EVODOL	--
(-)-EPIAFZELECHIN	--
CAPSAICIN	--

Chemical	Dosage
GLABRIDIN	--
QUERCETIN	--
THYMOL	(=indomethacin)
CARVACROL	#NAME?