

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Antiaflatoxin

Chemical	Dosage
ACACETIN	IC50=2.06 ppm
ACACETIN	IC50=7.25 uM
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	54 ppm
ALIZARIN-3-METHYLIMINO-DIACETIC-ACID	IC50=140 uM
ANGELICIN	0.34 ppm
ANGELICIN	IC50=1.83 uM
APIGENIN	IC50=2.57 ppm
APIGENIN	IC50=9.52 uM
BIS-DEMETHOXYCURCUMIN	IC50=103 uM
CHRYSIN	IC50=2.08 ppm
CHRYSIN	IC50=8.19 uM
CURCUMIN	IC50=81 uM
DEMETHOXYCURCUMIN	IC50=75 uM
ELLAGIC-ACID	--
FLAVONE	IC50=0.48 ppm
FLAVONE	IC50=1.31 uM
GERANIAL	--
IMPERATORIN	0.7 ppm
IMPERATORIN	IC50=2.66 uM
KAEMPFEROL	IC50=8.73 uM
KAEMPFEROL	IC50=3.28 ppm
NARINGENIN	IC50=12 uM
NARINGENIN	IC50=3.37 ppm
PIPERINE	--
QUERCETIN	IC50=25 uM
QUERCETIN	IC50=7.5 ppm
RHAMNETIN	IC50=1.29 uM

Chemical	Dosage
RHAMNETIN	0.41 ppm
SCOPOLETIN	IC50=65 uM
SCOPOLETIN	11.4 ppm
TETRAHYDROCURCUMIN	IC50=43 uM
XANTHOTOXIN	IC50=2.5 uM
XANTHOTOXIN	0.54 ppm