

Dr. Duke's Phytochemical and Ethnobotanical Databases**List of Chemicals for Topoisomerase-I-Inhibitor**

Chemical	Dosage
MITOMYCIN-C	--
DISTAMYCIN	--
FORMONONETIN	--
CHRYSIN	--
GALANGIN	--
BIOCHANIN-A	--
CURCUMIN	--
NARINGENIN	--
ALNUMYCIM	--
NEOAMPHIMEDINE	--
APIGENIN	--
CHELERYTHRINE	--
KAEMPFEROL	--
GALLIC-ACID	--
ACACETIN	--
17-BETA-ESTRADIOL	--
LUTEOLIN	--
DEMETHOXYCURCUMIN	--
DAIDZEIN	--
AMPHIMIC-ACID-A	--
FORMONETIN	--
KAEMPFERIDE	--
PEDUNCULAGIN	0.03 ug/ml
CAFFEINE	0.1 nM
VELUTIN	0.1 ug/ml
NITIDINE	0.15 uM
FAGARONINE	0.15-100 uM

Chemical	Dosage
5,6-DIHYDRO-8-DEMETHYLCORYALYNE	0.26 uM
HALENAQUINONE	0.3 ug/ml
10-HYDROXYCAMPTOTHECIN	0.4-1 uM
MENADIONE	1 ug/mL
3',5',7-TRI-O-METHYLTRICETIN	1 ug/mL
BETA-LAPACHONE	1 ug/mL
CHARTREUSIN	1 ug/mL
DIHYDROTANSHINONE-I	1 uM
GENISTEIN	1-10 ug/ml
CAMPTOTHECIN	1-50 uM
MONOMARGINE	10 ug/ml
7-HYDROXY-FLAVONE	100 ug/ml
NOVOBIOCIN	150 uM
DOTRIACOLIDE	2.6 ug/ml
BIS-DEMETHOXYCURCUMIN	25 ug/ml
DIHYDROGENISTEIN	250 ppm
DIHYDRODAIDZEIN	250 ppm (weak activity)
BETA-LAPACHONE	250 uM
EPIBERBERINE	250 uM
GROENLANDICINE	250 uM
8-DEMETHYLCORALYNE	26 uM
FREDERICAMYCIN-A	4.4 uM
CRYPTOLEPINE	5 uM
AMAROGENTIN	5 uM
RABDOSIN	50 uM
ISORABDOSIIN	50 uM
WAKAYIN	6.7 nM

Chemical	Dosage
CAFFEINE	75 uM
APIOIDIONEN	83 ug/ml
CAMPTOTHECIN	ED50=0.8 uM
HARMAN	ED50=23.8 ug/ml (weak)
NORHARMAN	ED50=34.4 ug/ml (weak activity)
SANGUIIN-H-6	IC50=0.02-5 uM
XESTOQUINONE	IC50=0.15 ug/ml
20(S)-CAMPTOTHECIN	IC50=0.52 uM
CAMPTOTHECIN	IC50=1 uM
BETA-LAPACHONE	IC50=1 uM
MYRICETIN	IC50=11.9 ug/ml
QUERCETIN	IC50=12.8 ug/ml
SANSALVAMIDE-A	IC50=124 um
4-NEROLIDYL-CATECHOL	IC50=20 ug/ml
FISETIN	IC50=20.6 ug/ml
EPIMANOALIDE-25-ACETAL	IC50=25 uM
GENISTEIN	IC50=250 ppm
MAKALUVAMINE-G	IC50=3 uM
CORILAGIN	IC50=40 uM
QUERCETIN	IC50=42 uM
MORIN	IC50=42.1 ug/ml (weak activity)
CHEBULAGIC-ACID	IC50=50 nM
EQUOL	IC50=50 ppm
RUBRAXANTHONE	IC50=60 ug/ml
CAMPTOTHECIN	IC50=670 nM
ALPHA-BOSWELLIC-ACID-ACETATE	IC>80=5 uM
CHEBULANIN	MIC=0.1 ug/ml