

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Chemicals for Antimalarial**

Chemical	Dosage
(+)-1,2-DEHYDROTELOBINE	IC50=0.26-0.31 ug/ml
(+)-2-N-METHYLTELOBINE	IC50=0.09-0.26 ug/ml
(+)-2-NOR-CEPHARANTHINE	IC50=0.05-0.13 ug/ml
(+)-2-NOR-ISOTETRANDRINE	IC50=0.05-0.07 ug/ml
(+)-2-NOR-OBABERINE	IC50=0.05-0.09 ug/ml
(+)-2-NOR-THALRUGOSINE	IC50=0.07-0.13 ug/ml
(+)-AROMOLINE	IC50=0.67 ug/ml (ca 1/5 chloroquine)
(+)-CEPHARANTHINE	IC50=0.14-0.30 ug/ml
(+)-CRINAMINE	IC50=2.8-3.4 ug/ml
(+)-DEPHNANDRINE	IC50=0.06-0.22 ug/ml
(+)-HOMOAROMOLINE	IC50=0.02-0.29 ug/ml
(+)-ISOTETRANDRINE	IC50=0.05-0.17 ug/ml
(+)-OBABERINE	IC50=0.22-0.23 ug/ml
(+)-STEPHIBABERINE	IC50=0.13-0.31 ug/ml
(+)-TETRANDRINE	IC50=0.16-0.18 ug/ml
(+)-THALRUGOSINE	IC50=0.06-0.23 ug/ml
(-)-ANONAININE	IC50=1290-1900 ug/ml
(-)-ASIMIOBINE	IC50=470-950 ug/ml
(-)-CAPAURINE	IC50=1910-4340 ug/ml
(-)-CASSYTHICINE	IC50=2260-2290 ug/ml
(-)-CORYDALMINE	IC50=840-2840 ug/ml
(-)-CURINE	IC50=353 uM
(-)-CYCLEAPELTINE	IC50=0.03-0.04 ug/ml
(-)-DICENTRINE	IC50=1260-2550 ug/ml
(-)-ISOLAURELINE	IC50=1610-2560 ug/ml
(-)-NOR-DICENTRINE	IC50=470-1030 ug/ml
(-)-ROEMEROLINE	IC50=1,780-3,150 ug/ml

Chemical	Dosage
(-)-TETRAHYDROSTEPHABINE	IC50=1,940-2,230 ug/ml
(-)-THAICANINE	IC50=550-1,610 ug/ml
(-)-XYLOPINE	IC50=440-2,270 ug/ml
(8',9'-DIHYDROXY)-3-FARNESYLINDOLE	IC50=2.8 ug/ml
1(S)-HYDROXY-ALPHA-BISABOLOXIDE	IC50=5.09 ug/ml
1,2-DI-O-ACETYLORINE	IC50=1 ug/ml
1-BETA-HYDROPEROXYISOBILIN	IC50=1 ug/ml
1-DEACETYLKHIVORIN	IC50=10 ug/ml
1-HYDROXYBENZOISOCHROMAN	IC50=2.7 ug/ml
1-O-ACETYLNORPLUVIININE	IC50=28.3-34.2 ug/ml
10'-HYDROXYUSAMBARENSINE	IC50=0.2-0.5 uM
10,12-PEROXYCALAMENENE	IC50=2.3 uM
11-BETA-ACETOXYGEDUNIN	IC50=3.11 ug/ml
11-BETA-ACETOXYKHIVORIN	IC50=50 ug/ml
11-METHOXYAKUAMMICINE	IC50=41.3 uM
12-METHOXY-NB-METHYLVOACHOLATINE	IC50=5->5 ug/ml
13-BETA-D-DIHYDROEURYCOMANOL	IC50=0.5-2.3 uM
14-HYDROXYCHAPARRINONE	IC50=0.188 ug/ml
15-DESACETYLLUNDULATONE	IC50=0.047 ug/ml
16-EPIAFFININE	IC50=5->5 ug/ml
17-METHOXY-28-NORISOIGUESTERIN	IC50=0.028-0.37 ug/ml
18-HYDROXYISOSUNGUCINE	IC50=0.1-0.9 uM
18-HYDROXYSUNGUCINE	IC50=1-4 uM
2-(2,4-DIHYDROXYPHENYL)-5,6-METHYLENEDIOXYBENZOFURAN	EC50=27 ug/ml
20-EPIANTIRHINE	IC50=7.5 uM
28-NOR-IGOIGUESTERIN-17-CARBALDEHYDE	IC50=0.080-0.094 ug/ml
3',4'-DIHYDROUSAMBARENSINE	IC50=0.01 ug/ml

Chemical	Dosage
3,4,5-TRIMETHOXYPHENYL(6'-O-GALLOYL)-O->D-GLUCOPYRANOSIDE	IC50=3 uM
3-DEACETYLKHIVORIN	IC50=50 ug/ml
3-DESACETYLYKHIVORIN	IC50=50 ug/mL)
3-HYDROXY-6'-DESMETHYL-9-O-METHYL-THALIFABORAMINE	IC50=0.05-0.24 ug/ml
3-HYDROXY-THALIFABORAMINE	IC50=0.01-0.18 ug/ml
3-METHOXSAMPANGINE	IC50=0.09-0.28 ug/ml
3-METHYLNAPHTHARAZIN	IC50=5.8 uM
3-O-BENZOYLHOSLOPPONE	IC50=0.4 ug/ml
4,7-DIMETHYL-1-TETRALONE	EC50=>3-100 uM
5,6,7-TRIMETHOXYCOUMARIN	IC50=1ug/ml
5,7-DIMETHOXY-8-(3'-HYDROXY-3'-METHYL-1'-BUTENE)	IC50=8.8-16.25 ug/ml
6'-DESMETHYL-THALIFABORAMINE	IC50=0.01-0.15 ug/ml
6-ACETYLSWIETENOLIDE	IC50=7.5 ug/ml
6-ALPHA-TIGLOYLOXYGLAUCARUBOL	IC50=0.257 ug/ml
7-DEACETYLGEDUNIN	IC50=3.6 ug/ml
7-DEACETYLKHIVORIN	IC50=5 ug/ml
7-EPIDIONCHOPHYLLINE-A	IC50=0.2 ug/ml
7-METHOXY-BETA-CARBOLINE-1-PROPIONIC-ACID	IC50=0.3-2.9 ug/ml
7-O-DEMETHYLTETRANDRINE	IC50=0.74 ug/ml
8-EPIXANTHIN	IC50=125 ug/ml
8-EPIXANTHIN-1,5-EPOXIDE	IC50=7.8 ug/ml
ACACETIN	IC50=4.2-12.6 ug/ml
AFFINISINE	IC50=5->5 ug/ml
AILANTHINONE	IC50=0.025 uM
AILANTHONE	--
AJOENE	50 mg/kg
AJUGARIN-I	IC50=23 uM

Chemical	Dosage
AKAGERINE	IC50=7 mg/ml
AKUAMMIDINE	IC50=0.08-0.9 ug/ml
AKUAMMIGINE	--
AKUAMMINE	(1/500th chloroquine) 1 mg/kg
ALPHA-CYPERONE	5.5 ug/ml
ALPHA-CYPERONE	IC50=5.5 ug/ml
ALPHA-PEROXYACHIFOLIDE	IC50=1 ug/ml
ALPHA-SELINENE	IC50=>50 ug/ml
ALPHA-YOHIMBINE	IC50=>200 uM
ALPNUMISOFLAVONE	IC50=24.6 ug/ml
ALSTOMACROLINE	IC50=1.1-10.2 uM
ALSTOMACROPHYLLINE	IC50=1.1 uM
ALSTONERINE	IC50=9.7-46.3 uM
ALSTONERINE	IC50=46.3 uM
ALSTOPHYLLINE	IC50=12.7-82.5 uM
ALSTOUMERINE	IC50=13.1 uM
ANCISTROBERTSONINE-A	IC50=15.9->23.7 uM
ANCISTROBERTSONINE-B	IC50=9->23.7 uM
ANCISTROBERTSONINE-C	IC50=4.5-10.1 uM
ANCISTROBERTSONINE-D	IC50=4.8 uM
ANCISTROBREVINE	IC50=5-25 ug/ml
ANCISTROBREVINE-B	IC50=2-4.7 uM
ANCISTROCLADINE	IC50=5-25 ug/ml
ANCISTROHEYNINE-A	IC50=2.1 ug/ml
ANCISTROLIKOKINE-A	IC50=0.14-0.19 ug/ml
ANCISTROLIKOKINE-B	IC50=0.21-0.54 ug/ml
ANCISTROLIKOKINE-C	IC50=0.62-0.92 ug/ml

Chemical	Dosage
ANHYDROLYCORINE	IC50=6.1-6.4 ug/ml
ANNONACIN	IC50=1.3-1.5 ppm
ANOLIGNAN	IC50=20 uM
APIOLE	--
ARBORININE	IC50=8.5 ug/ml
AROMOLINE	IC50=0.67 ug/ml (ca 1/5 chloroquine)
ARTARINE	--
ARTEANNUIN	--
ARTEINCULTON	IC50=7.5 ug/ml
ARTEMETHER	--
ARTEMETIN	(Synergic w artemisinin) IC50=26 uM
ARTEMISINE	--
ARTEMISININ	ED95=1,000 mg/man/day
ARTEMISININ	IC50=1.4 nM or 0.0014 uM (ED95=1,000 mg/man/day)
ARTEMISININ	ED50=90 mg/kg orl mus
ARTESUNATE	--
ASCARIDOLE	0.05-0.1 uM
ASIMICIN	IC50=4 ppm
ATALAPHILLININE	50 mg/kg/day ipr mus
ATAPHILLININE	50 mg/kg (ipr mus)
AUGUSTINE	IC50=0.14-0.18 ug/ml
AZADIRADIONE	IC50=3 ug/ml
AZADIRONE	IC50=12 ug/ml
BEBEERINE	--
BENZOISOQUINOLONE-5-10-DIONE	IC50=0.84 ug/ml
BERBERASTINE	0.14-0.36 ug/ml
BERBERASTINE	50 uM

Chemical	Dosage
BERBERINE	50 uM
BERBERINE	0.14-0.36 ug/ml
BETA-DICHOINE	--
BETA-SELINENE	IC50=>50 ug/ml
BETA-SELININE-HYDROPEROXIDE	5.6 ug/ml
BETULINIC-ACID	IC50=19-26 ug/ml
BISNORDIHYDROTOXIFERINE	IC50=3.8-4.5 uM
BONASPECTIN-A	IC50=8 ug/ml
BONASPECTIN-C	IC50=1-3 ug/ml
BONASPECTIN-C-4"-O-GLUCOSIDE	IC50=1 ug/ml
BONASPECTIN-D-4"-O-GLUCOSIDE	IC50=3-5 ug/ml
BONASPECTIN-E	IC50=16-17 ug/ml
BONASPECTIN-E/F	IC50=16-17 ug/ml
BONASPECTIN-F	IC50=16-17 ug/ml
BONASPECTIN-G	IC50=15-17 ug/ml
BONASPECTIN-G/H	IC50=15-17 ug/ml
BONASPECTIN-H	IC50=15-17 ug/ml
BONDUCIN	--
BRUCEAJAVIN-A	IC50=1.1 ug/ml
BRUCEAJAVIN-B	IC50=1.1 ug/ml
BRUCEANTIN	IC50=0.8 ng/ml
BRUCEANTINOL	IC50=2 ng/ml
BRUCEANTINOL	IC50=0.003 ug/ml
BRUCEINE	--
BRUCEINE-A	IC50=11 ng/ml
BRUCEINE-A	IC50=0.005-0.011 ug/ml
BRUCEINE-A	IC50=0.021-0.5 uM

Chemical	Dosage
BRUCEINE-B	IC50=0.005-0.011 ug/ml
BRUCEINE-B	IC50=0.023-0.5 uM
BRUCEINE-B	IC50=11 ng/ml
BRUCEINE-C	IC50=0.5 uM
BRUCEINE-C	IC50=5 ng/ml
BRUCEINE-C	IC50=0.005-0.011 ug/ml
BRUCEINE-C	IC50=0.009 uM
BRUCEINE-D	IC50=0.037-0.5 uM
BRUSATOL	IC50=0.006 uM
CARYOPHYLLENE-16-ALPHA-OXIDE	IC50=345 uM
CARYOPHYLLENE-ALPHA-OXIDE	EC50=>3-100 uM
CASTICIN	(Synergic w artemisinin)
CASTICIN	IC50=24 uM
CEDRELONE	IC50=0.77 ug/ml
CEDRONIN	IC50=0.23-0.25 ug/ml
CELASTROL	IC50=0.181-0.254 ug/ml
CEPHAELINE	IC50=0.011-0.027 uM
CHAPARRINONE	IC50=0.037 ug/ml
CHRYSOSPLENETIN	IC50=23 uM
CHRYSOSPLENOL-D	IC50=32 uM
CINCHONIDINE	150-500 mg/man/4 x day
CINCHONINE	LD50=152 (ipr rat)
CIRSILINEOL	IC50=36 uM
CLAUSARIN	IC50=0.1-0.7 ug/ml
COCSULINE	IC50=15.56 ug/mL
COLCHICINE	500 ug/10x/day/man
COLUMBAMINE	0.72 ug/ml

Chemical	Dosage
CONOPHARYNGINE	IC50=0.24-0.29 ug/ml
CORONARIDINE	IC50=1.3-2.2 ug/ml
CORYNANTHEDINE	IC50=41 uM
CORYNANTHEINE	IC50=81 uM
CORYNANTHINE	IC50=>200 uM
COSTARICINE	IC50=0.1-0.3 ug/ml
COWAXANTHONE	IC50=1.5 ug/ml
CROSTPARINE	IC50=2.1-3.4 ug/ml
CRYPTOHEPINE	IC50=0.8-1.2 uM
CRYPTOLEPINE	IC50=0.1-0.2 uM
CRYPTOLEPINE	IC50=0.031 ug/ml
CRYPTOLEPINOIC-ACID	IC50=>181 uM
CRYPTOQUINDOLINE	IC50=9.1-34.6 uM
CURINE	--
CYPERENE	IC50=>50 ug/ml
DAMNACANTHAL	IC50=9-83 ug/ml
DEHATRINE	IC50=0.2 uM
DEHYDROBRUCEINE	0.046 ug/ml
DENTATIN	IC50=8-12 ug/ml
DICHOINE	--
DIGITOLUTEIN	IC50=13-83 ug/ml
DIHYDROBRACHY-CALYXOLIDE	IC50=17 ug/ml
DIHYDROBRUCEAJAVIN-A	IC50=2.5 ug/ml
DIHYDROCORYNANTHEINE	IC50=66 uM
DIHYDROGEDUNIN	IC50=2.63 ug/mL
DIHYDROQUINIDINE	--
DIONCHOPELTINE-A	IC50=0.033 ug/ml

Chemical	Dosage
DIONCHOPHYLLINE-B	IC50=0.021 ug/ml
DIONCHOPHYLLINE-C	IC50=0.014 ug/ml
DIOSPYRIN	IC50=626 uM
DIUVARETIN	IC50=4.2 ug/ml
DIUVERETIN	EC50=4.2 ug/ml
ECHITAMINE	1.6 mg/kg
ELLAGIC-ACID	IC50=0.5 uM
EMETINE	--
ENTANDROPHRAGMIN	IC50=50
EPOXYADADIRADONE	IC50=0.77 ug/ml
ETHYL-CRYPTOLEPIDONOATE	IC50=3.8 uM
EUPATORIN	IC50=65 uM
EURYCOMALACTONE	--
EURYCOMANOL	IC50=1.2-4.9 uM
EURYCOMANOL-2-O-BETA-D-GLUCOPYRANOSIDE	IC50=0.4-3.5 uM
EURYCOMANONE	IC50=1.2-4.9 uM
EVODULONE	IC50=18.27 ug/mL)
EVOXANTHINE	IC50=67.6 ug/ml
EXIGUAFLAVANONE-A	IC50=4.6-7.1 ug/ml
EXIGUAFLAVONE-A	EC50=4.6 ug/ml
EXIGUAFLAVONE-B	EC50=7 ug/ml
FAGARAMIDE	IC50=12.3 ug/ml
FAGARONINE	IC50=0.009 ug/ml
FEBRIFUGINE	--
FEBRIFUGINE	IC50=0.001-0.07 uM
GALIPININE	IC50=0.9 ug/ml
GALLAGIC-ACID	IC50=10.6-10.9 ug

Chemical	Dosage
GAMMA-DICHOINE	100 x quinine
GEDUNIN	IC50=0.7-8.5 ug/ml
GEDUNIN	IC50=50 ug/ml
GEDUNIN	IC50=0.3-1 uM
GENTIOPICRIN	--
GILLETINE	IC50=1.1 ug/ml (ca 1/8 x chloroquine)
GLAUCARUBIN	--
GLAUCARUBINONE	ED=0.006 ug/ml
GLINOSIDE-A	IC50=30-42 ug/ml
GLYCOBISMINE-A	(= chloroquine)
GLYCOCTRINE-I	(= chloroquine)
GONIOTHALAMICIN	IC50=1.1-1.6 ppm
GOSSYPOL	IC50=10 uM
GUTOLACTONE	IC50=0.004 ug/ml
HARMALINE	--
HARMINE	--
HEPTAPHYLLINE	IC50=3-6 ug/ml
HEXAMETHOXYLIGNAN	IC50=37-50 ug/ml
HOMOHARRINGTONINE	--
HUMULENE	IC50=86 ug/ml
HYDRANTHINE-A	IC50=0.1 ug/ml
HYDROQUINIDINE	--
HYDROQUINONE	--
HYDROXYCRYPTOLEPINE	IC50=77-102 uM
ICAJINE	IC50=>80-95 uM
ISOCHONDRODENDRINE	IC50=892 uM
ISOCRYPTOLEPINE	IC50=0.8 uM

Chemical	Dosage
ISOFEBRIFUGINE	IC50=0.002-0.003 uM
ISOFRAXIDIN	IC50=7.95 ug/ml
ISOIGUESTEROL	IC50=0.023-0.54 ug/ml
ISOMELDENIN	IC50=50 ug/ml
ISOSTRYCHNINE	IC50=14->20 uM
ISOSUNGUCINE	IC50=0.3-1.3 uM
ISOTETRANDRINE	IC50=0.07 ug/ml (2 x chloroquine)
ISOTETRANDRINE	IC50=100 ug/ml
JATRORRHIZINE	IC50=0.42-1.61 ug/ml
KHAYANTHONE	IC50=50 ug/mL)
KORUNDAMINE-A	IC50=1.1 ug/ml
KORUPENSAMINE-A	IC50=0.02-0.6 ug/ml
KORUPENSAMINE-B	IC50=0.2-0.4 ug/ml
KORUPENSAMINE-E	IC50=2 ug/ml
LAPACHOL	--
LAPINONE	--
LICOCHALCONE-A	--
LIMACINE	IC50=0.05-0.79 ug/ml
LIMONIN	IC50=>100 ug/ml
LUPEOL	IC50=46.8 ug/ml
LYCORINE	IC50=0.3-0.7 ug/ml
MAACKIAIN	EC50=10 ug/ml
MACRALSTONINE	IC50=8.9 uM
MACROCARPAMINE	IC50=0.4-32.6 uM
MELDENIN	IC50=5.2 ug/ml
METHYLANGOLENSATE	IC50=5 ug/ml
MUZANZAGENIN	IC50=16-163 uM

Chemical	Dosage
MYRTENAL	IC50=5-50 ug/ml
MYRTENOL	IC50=5-50 ug/ml
N-ISOBUTYLDECA-2,4-DIENAMIDE	IC50=5-5.4 ug/ml
NARDISINONE	IC50=1.4 ug/ml
NARDOPEROXIDE	IC50=1.4 ug/ml
NB-METHYLAFFINISINE	IC50=5->5 ug/ml
NEUROLENIN-A	IC50=0.9 uM
NEUROLENIN-B	IC50=0.6 uM
NEUROLENIN-C/D	IC50=0.6 uM
NIMBANDIOL	IC50=50 ug/ml
NIMBIN	IC50=50 ug/ml
NIMBININ	IC50=0.77 ug/ml
NIMBOLIDE	IC50=1.74 ug/mL
NIMBOLIDE	IC50=0.001 ug/ml
NIMOCINOL	IC50=50 ug/ml
NOR-TILIACORINE-A	IC50=0.56 ug/ml
NORFLUOROCURARINE	IC50=129 uM
NORTILIACORININE-A	--
NYASOL	IC50=12 uM
O-METHYLEXOSTEMIN	IC50=1.6-3.6 ug/ml
O-METHYLMACRALSTONINE	IC50=0.9 uM
OBAMEGINE	IC50=0.51 ug/ml (1/4 x chloroquine)
OLEANOLIC-ACID	IC50=70-89 ug/ml
OPHIOBOLIN-A	IC50=0.5-0.6 ug/ml
OSTHOL	IC50=25.1 ug/ml
OSTHOLE	--
OSTRUTHIN	--

Chemical	Dosage
OXYACANTHINE	IC50=0.3 ug/ml
PALMATINE	--
PATCHOULENE	IC50=108 uM
PHAEANTHINE	IC50=1.43 ug/ml (1/10 x chloroquine)
PHEANTHINE	IC50=1,400 ug/ml
PHLORIDZIN	--
PHLORIZIN	--
PIQUEROL-A	IC50=100 ug/ml
PLEIOCARPAMINE	IC50=6-20 uM
PLUMBAGIN	IC50=0.3 uM
PLUMBAGIN	IC50=0.178-0.189 ug/ml
PRIEURIANIN	IC50=14.08 ug/mL)
PRISTIMERIN	IC50=0.19-28 ug/ml
PSYCHOTRINE	IC50=0.1-0.4 uM
PUNICALAGIN	2-8 ug/ml
PYCNAMINE	IC50=0.15 ug/mL (ca 1 x chloroquine)
QUERCETIN	IC50=1-6.4 ug/ml
QUINDOLINE	IC50=>229 uM
QUINICINE	IC50=11.2 ug/ml
QUINIDINE	10 mg/kg/orl/man/8 hrs
QUINIDINONE	IC50=4.7 ug/ml
QUININE	IC50=0.18 ug/ml
QUININE-SULFATE	2,000 mg/man/day
QUINOLINE	--
ROBUSTANOL	--
ROEMREFRIDINE	IC50=0.6-0.7 uM
RUBIADIN-1-METHYL-ETHER	IC50=8-83 ug/ml

Chemical	Dosage
RUGOSAL-A	IC50=1 ug/ml
RUTIN	IC50=>100 ug/ml
SALANNIN	IC50=50 ug/ml
SAMADERINE-B-CHAPARRINONE	IC50=0.071 uM
SAMADERINE-E-CHAPARRINONE	IC50=0.021 uM
SAMADERINE-X-CHAPARRINONE	IC50=0.015 uM
SAMADERINE-Z-CHAPARRINONE	IC50=0.071 uM
SARACHINE	IC50=0.01-0.07 ug/ml
SECURINE	IC50=5.4 ug/ml
SECURININE	5.4 ug/ml
SERGEOLIDE	ED50=0.26 mg/kg day
SIMALIKALACTONE-D	IC50=0.001-0.002 ug/ml
SIPANDINOLIDE	IC50=46 ug/ml
SKIMMIANINE	IC50=48.2 ug/ml
SUNGUCINE	IC50=7.8-10.1 uM
SWERCHIN	--
TALCARPINE	IC50=40.3 uM
TERMILIGNAN	IC50=6-9 uM
THALIFABERIDINE	IC50=0.12-0.88 ug/ml
THALIFABERINE	IC50=0.44-5.1 ug/ml
THALIFASINE	IC50=0.05-0.24 ug/ml
TILIACORINE	IC50=0.67 ug/ml
TILIACORININE	IC50=3.5 ug/ml
TOMENTOSRIN	IC50=7.8 ug/ml
TOTAQUINE	600 mg/3x/day/man
TRANS-PINOCARVEOL	IC50=5-50 ug/ml
TRANS-PINOCARVYL-HYDROPEROXIDE	IC50=7.5 ug/ml

Chemical	Dosage
TRICHIRUBRINE-A	IC50=0.3 ug/ml
TRIGILLETIMINE	IC50=22 ug/ml (ca 1/200 x chloroquine)
TUBULOSINE	IC50=0.006-0.011 uM
URSOLIC-ACID	IC50=28-37 ug/ml
UVARETIN	EC50=4.5 ug/ml
VILASININ-1,3-DIACETATE	IC50=50 ug/mL)
VILLALSTONINE	IC50=0.3-2.9 uM
VILLALSTONINE-NB-OXIDE	IC50=10.7 uM
VINCAMAJINE	IC50=138 uM
VIROLONGIN-A	IC50=5-6 ug/ml
VOACANGINE	IC50=0.3-0.5 ug/ml
VOACHALOTINE	IC50=0.5-0.8 ug/ml
VOACOMINE	IC50=2.6->5 ug/ml
VOMICINE	IC50=>30 uM
XANTHUMIN	IC50=31 ug/ml
YADANZIOLIDE-A	--
YINGHAOSU-A	--
YOUNDAMINE-A	IC50=2.2 uM