

Dr. Duke's Phytochemical and Ethnobotanical Databases
List of Chemicals for MDR-Inhibitor

Chemical	Dosage
(+)-CEPHARANTHINE	1 ug/mL
(+)-CEPHARANTHINE	IC50=2.06 uM
10-DEACETYLBACCATIN-III	1 ug/mL
11-METHOXY-KOPSILONGINE	IC50=1.6 ug/ml
12-METHOXY-PLEIOCARPINE	IC50=21 ug/ml
13-ACETYL-BREVIFOLIOL	1 ug/mL
19-ACETYL-19-DEBENZOYL TAXININE-M	1 ug/mL
1BETA-HYDROXYBACCATIN-1	1 ug/mL
2',7-DIDEACETOXYAUSTROSPICATINE	1 ug/mL
2,9-DIDEACETYLTAXININE	1 ug/mL
2-DEACETOXYAUSTROSPICATINE	1 ug/mL
2-DEACETOXYTAXININE-E	10 ug/ml
2-DEACETOXYTAXININE-J	1 ug/mL
2-DEACETYL-5-DECINNAMOYL TAXININE-J	1 ug/mL
2-DEACETYLTAXININE-J	1 ug/mL
2-DECINNAMOYL TAXININE-J	1 ug/mL
5'-METHOXYHYDNOCARPIN	--
5-N-ACETYLLARDEEMIN	10 uM
7-EPITAXOL	1 ug/mL
7-O-ACETYLTAXINE-A	1 ug/mL
ARTEMISININ	IC50=2 uM
BRAZILIN	50 mg/kg ipr mus
BREVIFOLIOL	1 ug/mL
CELAFOLIN-A1	IC50=0.77 uM
CELAFOLIN-A1	IC50=1.45 uM
CELOBICOL-ESTER	IC50=1.36 uM
CHALCONE	100 uM

Chemical	Dosage
CINCHONINE	250 mg/kg igs rat
CINCHONINE	5 uM
COLCHICEINE	ED50=15 ng/ml
COLCHICIDE	ED50=410 ng/ml
CONODURAMINE	IC50=0.6 ug/ml
CONOPHYLLINE-QUINONE	--
CORONARIDINE	IC50=1.9 ug/ml
CURCUMIN	1-55 uM
DEACETYL-COLCHICEINE	ED50=27 ng/ml
DECINNAMOYL-TAXAGIFINE	1 ug/mL
DEMECOLCINE	ED50=78 ng/ml
DENDROAMIDE-A	5 uM
DIACETYLTAXININE-B	1 ug/mL
DIOSMIN	100 uM
GENISTEIN	200 uM
GINSENOSIDE-RB-1	100 uM cat
GINSENOSIDE-RB-2	100 uM
GINSENOSIDE-RC	100 uM
GINSENOSIDE-RD	50 uM
GINSENOSIDE-RE	100 uM
GINSENOSIDE-RF	100 uM
GINSENOSIDE-RF-1	100 uM
GINSENOSIDE-RF-2	25 uM
GINSENOSIDE-RG-1	100 uM
GINSENOSIDE-RG-2	100 uM
HAPALOSIN	20 uM
HOMOHARRINGTONINE	--

Chemical	Dosage
INOSTAMYCIN	10 uM
ISORESERPINE	1.6 uM
KOPSAMINE	IC50=5.6 ug/ml
KOPSIFLORINE	IC50=5.6 ug/ml
KOPSILONGINE	IC50=15.4 ug/ml
KOPSININE	IC50=25 ug/ml
LAHADININE-A	IC50=2.5 ug/ml
LYCACONITINE	IC50=74 ug/ml
PLEIOCARPINE	IC50=3.1 ug/ml
PUERARIN	--
QUINIDINE	IC50=1-12 uM
QUINIDINE	100 uM
QUININE	IC50=4-17 uM
RESERPINE	2.5-10 uM
TANGERETIN	--
TAXACIN	10 ug/ml
TAXACUSTIN	1 ug/mL
TAXAGIFINE	1 ug/mL
TAXAYUNTIN	1 ug/mL
TAXCHININ-B	1 ug/mL
TAXINE-II	1 ug/mL
TAXININE	1 ug/mL
TAXININE-A	1 ug/mL
TAXININE-B	1-10 ug/ml
TAXININE-M	1 ug/mL
TAXUSPINE-A	1 ug/mL
TAXUSPINE-B	1 ug/mL

Chemical	Dosage
TAXUSPINE-C	1 ug/mL
TAXUSPINE-D	1 ug/mL
TAXUSPINE-F	1 ug/mL
TAXUSPINE-G	1 ug/mL
TAXUSPINE-H	1 ug/mL
TAXUSPINE-J	1 ug/mL
TAXUSPINE-K	1 ug/mL
TAXUSPINE-L	1 ug/mL
TAXUSPINE-M	1 ug/mL
TAXUSPINE-O	1 ug/mL
TAXUSPINE-P	1 ug/mL
TAXUSPINE-Q	1 ug/mL
TAXUSPINE-R	1 ug/mL
TAXUSPINE-S	1 ug/mL
TAXUSPINE-T	1 ug/mL
THALICARPINE	2 uM
TOLYPORPHIN	--
TOLYPORPHIN-A	0.5 ug/ml
TOLYPORPHIN-B	0.5 ug/ml
TOLYPORPHIN-C	0.5 ug/ml
TOLYPORPHIN-D	0.5 ug/ml
TOLYPORPHIN-F	0.5 ug/ml
TOLYPORPHIN-G	0.5 ug/ml
TOLYPORPHIN-H	0.5 ug/ml
TOLYPORPHIN-J	2.5 ug/ml
TOLYPORPHIN-K	2.5-10 ug/ml
TORILIN	10-30 uM

Chemical	Dosage
TRIACETYLTAXICIN-I	1 ug/mL
VINCALEUKOBLASTINE	100 uM
VOACAMINE	IC50=2 ug/ml
YOHIMBINE	10 uM
ZINGIBEROSIDE-R1	25 uM