

**Dr. Duke's Phytochemical and Ethnobotanical Database****List of Chemicals for Amebicide**

| Chemical                        | Dosage                 |
|---------------------------------|------------------------|
| 10-METHOXYCINCHONAMINE          |                        |
| 3-ALPHA,17-ALPHA-CINCHOPHYLLINE | IC50=1.88 ug/ml        |
| 3-ALPHA,17-BETA-CINCHOPHYLLINE  | IC50=3.50 ug/ml        |
| 3-BETA,17-BETA-CINCHOPHYLLINE   | IC50=1.62 ug/ml        |
| ACROPTILIN                      |                        |
| AILANTHINONE                    | IC50=0.132 uM          |
| AILANTHONE                      |                        |
| ALLICIN                         | 30 ug/ml               |
| ANEMONIN                        |                        |
| ARICINE                         | IC50=3.6 ug/ml         |
| ASIATICOSIDE                    |                        |
| BERBERASTINE                    | EC83=100 ug/ml orl rat |
| BERBERINE                       | 200 ug/ml              |
| BERBERINE                       | EC83=100 ug/ml orl rat |
| BERBERINE-HYDROCHLORIDE         | 10 ug/ml               |
| BERBERINE-SULFATE               | 0.5-1 mg/ml            |
| BRUCEANTIN                      | IC50=0.035 uM          |
| BRUCEINE-A                      | IC50=0.1-0.3 ug/ml     |

| Chemical           | Dosage             |
|--------------------|--------------------|
| BRUCEINE-A         | IC50=0.222 uM      |
| BRUCEINE-B         | IC50=0.1-0.3 ug/ml |
| BRUCEINE-B         | IC50=0.638 uM      |
| BRUCEINE-C         | IC50=0.1-0.3 ug/ml |
| BRUCEINE-C         | IC50=0.495 uM      |
| BRUCEINE-D         | IC50=0.941 uM      |
| BRUCEINE-E         |                    |
| BRUCEINE-F         |                    |
| BRUCEINE-G         |                    |
| BRUCEOLIDE         |                    |
| BRUSATOL           | IC50=0.062 uM      |
| CARPAIN            |                    |
| CEPHAELINE         |                    |
| CHONEMORPHINE      | 25 ug/ml           |
| CINCHONAMINE       |                    |
| COLEONOL-A         | 1,000 ug/ml        |
| CONESSINE          | 4-22 ppm           |
| CRYPTOPLEURINE     |                    |
| DEHYDROEMETINE     | 65 mg/imr/man/day  |
| DIALLYL-TRISULFIDE |                    |

| Chemical           | Dosage                         |
|--------------------|--------------------------------|
| DIHYDROLYCORINE    |                                |
| DIOSCIN            |                                |
| EMETINE            | (10 ppm), IC50=0.01-0.07 ug/ml |
| EUGARZASADONE      |                                |
| FORSKOLIN          | 1,000 ug/ml                    |
| GLAUCARUBIN        |                                |
| GLAUCARUBINONE     |                                |
| GLAUCARUBOLONE     |                                |
| GOSSYPOL           |                                |
| HOLARRHENINE       |                                |
| HYDROXYVERNOLIDE   |                                |
| ISOCONESSINE       | 12-13 ppm                      |
| KRYPTONINE         |                                |
| METHOXYANNOMONTINE |                                |
| NIMBIDIN           | 2,000 ppm                      |
| NIMBIDOL           | 250 ppm                        |
| QUASSIN            | 100 ppm                        |
| QUINIDINE          | IC50=16.6 ug/ml                |
| QUININE            | IC50=14.8 ug/ml                |
| SHIKONIN           |                                |

| Chemical    | Dosage |
|-------------|--------|
| TUBULOSINE  |        |
| TYLOPHORINE |        |
| YANGONIN    |        |