

List of All Chemicals

P

Aralia cordata (Araliaceae)

Common name(s)

Udo

How used

Food

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Chemical | Part | All | Low PPM | High PPM | StdDev | *Reference |
|--|---|-----|---------|----------|--------|------------|
| (-)-EPIPIMARIC-ACID | Plant | | -- | -- | | * |
| (-)-PIMARA-8(14),15-DIEN-19-AL | Plant | | -- | -- | | * |
| (-)-PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | | -- | -- | | * |
| (ENT)-PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | | -- | -- | | * |
| 7-OXO(-)-PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | | -- | -- | | * |
| 7ALPHA-HYDROXY(-)-PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | | -- | -- | | * |
| 7BETA-HYDROXY(-)-PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | | -- | -- | | * |
| ABS/10 | Plant | | -- | -- | | * |
| ALPHA-BETULENOL | Root | | -- | -- | | * |
| ALPHA-FARNESENE | Plant | | -- | -- | | * |
| ALPHA-GUAIENE | Stem | | -- | 2.0 | | * |
| ALPHA-HUMULENE | Root | | -- | 11.0 | -0.73 | * |
| Activities (2) | | | | | | |
| Antitumor | Zheng, G-Q., Kenney, P.M., and Lam, L.K.T. Sesquiterpenes From Clove (Eugenia caryophyllata) As Potential Anticarcinogenic Agents. Journal of Natural Products 55(7): 999-1003, 1992. | | | | | |
| Perfumery | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | | |
| ALPHA-LIMONENE | Root | | -- | 16.0 | | * |
| ALPHA-PINENE | Root | | -- | 475.0 | -0.55 | * |

| Activities (28) | |
|-------------------------------------|--|
| Allelochemic | |
| Allergenic | |
| Antiacne | |
| Antibacterial | |
| Antifeedant | |
| Antiflu | Economic & Medicinal Plant Research, 5: 195. |
| Antiinflammatory 500 mg/kg | |
| Antipneumonic | |
| Antiseptic | |
| Antispasmodic | |
| Antistaphylococcic | |
| Antiviral | Economic & Medicinal Plant Research, 5: 195. |
| Cancer-Preventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. |
| Coleoptophile | |
| Expectorant | Michael Castleman 1991. The Healing Herbs. Rodale Press, Emmaus, PA 436 pp. |
| FLavor FEMA 15-150 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry |
| Herbicide IC50=30 uM | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. |
| Insecticide 0.82 uM/fly | |
| Insectifuge 50 ppm | |
| Insectiphile | J. Stored. Prod. Res., 22:141, 1986. |
| Irritant | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| P450-2B1-Inhibitor IC50=0.087 uM | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry |
| Pesticide | |
| Sedative | Lawrence Review of Natural Products, Jun-90. |
| Spasmogenic | |
| Tranquilizer | Lawrence Review of Natural Products, Jun-90. |
| Transdermal | |

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|---------------|------|------|--------|-------|---|
| ASCORBIC-ACID | Leaf | 50.0 | 1065.0 | -0.35 | * |
|---------------|------|------|--------|-------|---|

| Activities (112) | |
|--|--|
| Acidulant FEMA 6,000 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry |
| Aldose-Reductase-Inhibitor | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Analgesic 5-10 g/day | |
| Angiotensin-Receptor-Blocker | |
| AntiAGE 2,000 mg/day | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| AntiCFS 500-1,000 mg | |
| AntiCTS 1,000 mg 3x/day | |
| AntiCrohn's 50-100 mg/day/orl/man | Martindale's 29th |
| AntiLyme 500-2,000 mg | |
| AntiRaynaud's 500 mg 1-2x/day | |
| Antiaggregant | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Antiaging 400 mg/day | |
| Antiallergic | |
| Antialzheimeran 2,000-6,000 mg/day | |
| Antiarthritic 0.2-1 g/day | |
| Antiasthmatic 1,000 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiatherosclerotic | |
| Antibacterial | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Anticataract 350 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Anticataract 400 mg/day | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Anticataract 1 g 3x/day | |
| Anticervicaldysplasic 1,000-2,000 mg/day | |
| Anticlimacteric 500-5,000 mg/day | |
| Anticold 1-2 g/man/day | |
| Antidecubitic 500 mg/man/2x/day | Martindale's 28th |
| Antidementia | |

| | |
|----------------------------------|--|
| Antidepressant 2,000 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antidiabetic | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Antidote (Aluminum) | Economic & Medicinal Plant Research, 6: 189. |
| Antidote (Cadmium) | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antidote (Lead) | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antidote (Paraquat) | Martindale's 28th |
| Antieczemic 3.5-5 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiedemic 1 g/man/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antiencephalitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antiendometriotic 2,000 mg/day | |
| Antifatigue 500-1,000 mg | |
| Antifibrotic 1,000-2,000 mg | |
| Antigallstone 1,000-3,000 mg/day | |
| Antigastritic | |
| Antigingivitic | |
| Antiglaucomic 2 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antihangover 1,000 mg | |
| Antihemorrhagic 1 g/man/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antihepatitic 2-6 g/man/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antihepatotoxic | Economic & Medicinal Plant Research, 6: 189. |
| Antiherpetic 1-5 g/day | |
| Antihistaminic 2 g/day orl man | |
| Antihypertensive | |
| Antiinfertility 1 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiinflammatory | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Antileptic 1.5 g/man/day | Martindale's 28th |
| Antilithic 1,000-3,000 mg/day | |
| Antimaculitic | |
| Antimeasles | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antimenopausal 500-5,000 mg/day | |
| Antimigraine | Martindale's 29th |
| Antimutagenic | Economic & Medicinal Plant Research, 6: 235. |
| Antineuramidase | |
| Antinitrosic 1 g/man/day | Martindale's 28th |
| Antibesity 1 g 3x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiorchitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antiosteoarthritic 1 g 2x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiosteoporotic 500 mg/day | |
| Antioxidant 100 ppm | |
| Antiparkinsonian 1 g 2-3x/day | |
| Antiparotitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antiperiodontitic 1 g 2x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antipneumonic | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Antipodriac | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antipoliomyelitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antipyretic | Economic & Medicinal Plant Research, 6: 189. |
| Antiradicular | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Antiretinotic | |
| Antirheumatic | |
| Antirhinitic 1,000 mg 3x/day | |
| Antiscorbutic 10 mg/man/day | Martindale's 28th |
| Antiseptic MIC=3.3-217 mg/ml | Martindale's 28th |
| Antiseptic 4-8 g/day | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Antishingles | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antispasmodic 500-5,000 mg/day | |
| Antistress 500-1,000 mg | |
| Antisyndrome-X 1-4 g/day | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Antitumor (Gastric) | |
| Antitumor (Lung) | |
| Antiulcer | |
| Antiviral 1-5 g/day | |

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|--|--|
| Apoptotic 1-10 mM | |
| Asthma-preventive 1,000 mg/day/orl | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Beta-Adrenergic Receptor Blocker | |
| Beta-Glucuronidase-Inhibitor 1.5 g/day/man | |
| Calcium-Antagonist | |
| Cancer-Preventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. |
| Cardioprotective | |
| Cold-preventive 1-2 g/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Collagenic | |
| Detoxicant | |
| Diuretic 700 mg/man/orl | |
| Fistula-Preventive | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Hypocholesterolemic 300-1,000 mg/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Hypoglycemic | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Hypotensive 1,000 mg/man/day | |
| Immunomodulator | |
| Immunostimulant | Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. Syndrome X - The complete nutritional program to prevent and reserve insulin resistance. John Wiley & Sons, New York. 272 pp. \$24.95 |
| Interferonogenic | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Lithogenic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Mucolytic 1 g/woman/day | Martindale's 28th |
| Pesticide | |
| Uricosuric 4 g/man/day | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Urinary-Acidulant | Martindale's 29th |
| Vasodilator | |
| Vulnerary | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |

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|--------------------|------|--------|----------|------|---|
| ASH | Leaf | 6000.0 | 127660.0 | 0.16 | * |
| BETA-CARYOPHYLLENE | Root | -- | 6.0 | | * |
| BETA-EUDES MOL | Root | -- | 2.0 | -1.0 | * |

| Activities (13) | | | | | |
|-------------------------------|--|--|--|--|--|
| AntiEBV | | | | | |
| Antianoxic ED60=300 orl mus | Yamahara, J., Matsuda, H., Naitoh, Y., Fujimura, H., and Tamai, Y. 1990. Antianoxic Action and Active Constituents of Atractylodis Lanceae Rhizoma. Chem. Pharm. Bull. 38(7): 2033-2034, 1990. | | | | |
| Antimutagenic ID50=0.09 uM/ml | | | | | |
| Antipeptic | Chem & Pharm. Bull., 34: 3854, 1986. | | | | |
| Antisalmonella >0.18 uM/ml | | | | | |
| Antitumor-Promoter? | | | | | |
| Antiulcer | | | | | |
| CNS-Inhibitor | | | | | |
| Calcium-Antagonist 40 uM mus | | | | | |
| Hepatoprotective | | | | | |
| Neurogenic | | | | | |
| Pesticide | | | | | |
| Sedative | | | | | |

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|-------------|------|----|------|-------|---|
| BETA-PINENE | Root | -- | 37.0 | -0.65 | * |
|-------------|------|----|------|-------|---|

| Activities (13) | | | | | |
|--------------------|--|--|--|--|--|
| Allergenic | | | | | |
| Antiinflammatory | | | | | |
| Antiseptic | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. | | | | |
| Antispasmodic | | | | | |
| Candidicide | | | | | |
| FLavor FEMA 15-600 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Herbicide | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Insectifuge | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. | | | | |
| Irritant | Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253. | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Pesticide | | | | | |
| Spasmogenic | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. | | | | |
| Transdermal | | | | | |

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|-------------------------|------|----|-----|-----|---|
| BETA-SESQUIPHELLANDRENE | Root | -- | 8.0 | 1.0 | * |
|-------------------------|------|----|-----|-----|---|

| Activities (5) | | | | | |
|-----------------------------|--|--|--|--|--|
| Antirhinoviral IC50=0.44 uM | Denyer, C.V., Jackson, P., Loakes, D.M., Ellis, M.R., and Yound, D.A.B. Isolation of Antirhinoviral Sesquiterpenes From Ginger (Zingiber officinale). Journal of Natural Products, 57(5): 658-662, 1994. | | | | |
| Antiulcer IC40=50 mg/kg | Yamahara, J., et al. Stomachic principles in ginger. II. Pungent and anti-ulcer effects of low polar constituents isolated from ginger, the dried rhizoma of... Yakugaku Zasshi 112: 645-655 (1992). | | | | |
| Expectorant | | | | | |
| Pesticide | | | | | |
| Stomachic | | | | | |

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|---------|------|-------|--------|-------|---|
| CALCIUM | Leaf | 130.0 | 2765.0 | -1.07 | * |
|---------|------|-------|--------|-------|---|

| Activities (28) | | | | | |
|------------------------------------|--|--|--|--|--|
| AntiPMS 1 g/day | | | | | |
| Antiallergic 500 mg/day | | | | | |
| Antianxiety | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antiarrhythmic 500-1,500 mg | | | | | |
| Antiarthritic 1,000 mg/day | | | | | |
| Antiatherosclerotic 500 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Anticlimacteric 1,000-1,500 mg/day | | | | | |
| Antidepressant | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antidote (Aluminum) | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antidote (Lead) | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antihyperkinetic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antihypertensive | | | | | |
| Antiinsomniac | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antimenopausal 1,000-1,500 mg/day | | | | | |
| Antiobesity | | | | | |
| Antiosteoporotic 500-2,000 mg/day | | | | | |
| Antiperiodontitic 750 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Antirheumatic 1,000 mg/day | | | | | |
| Antistress 500-1,500 mg/day | | | | | |
| Antitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Anxiolytic 500-1,500 mg/day | | | | | |
| Calcium-Channel-Blocker | | | | | |
| Diuretic | | | | | |
| Hypocholesterolemic 500 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Hypotensive 1 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Laxative 1,000-1,200 mg | | | | | |
| Tranquilizer 500-1,500 mg/day | | | | | |
| Vasodilator | | | | | |

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|----------|------|----|-----|--|---|
| CAMPHENE | Stem | -- | 3.0 | | * |
|----------|------|----|-----|--|---|

| Activities (9) | | | | | |
|---|---|---------|----------|-------|---|
| Allelopathic | Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands. | | | | |
| Antilithic? | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Antioxidant | Jim Duke's personal files. | | | | |
| Expectorant | Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin. | | | | |
| FLavor FEMA 15-175 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Hypocholesterolemic? | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Insectifuge | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. | | | | |
| Pesticide | | | | | |
| Spasmogenic | Fitoterapia No.59-1984. | | | | |
| CARBOHYDRATES | Leaf | 29000.0 | 617000.0 | 0.04 | * |
| CIS-4,11,11-TRIMETHYL-8-METHYLENE-BICYCLO(7.2.0)UNDEC-4-ENE | Root | -- | 7.0 | | * |
| CIS-SABINENE-HYDRATE | Root | -- | -- | | * |
| D-CARVONE | Plant | -- | -- | | * |
| Activities (7) | | | | | |
| AChE-Inhibitor | Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8. | | | | |
| Antiacetylcholinesterase IC50=1.8 mM | | | | | |
| Antialzheimeran? | Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8. | | | | |
| Anticholinesterase | Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8. | | | | |
| Anticholinesterase? | L. Gracza (1985) as cited by Buchbauer re antiacetylcholinesterase. | | | | |
| Insecticide | Grundy, D. L. and Still, C. C., Inhibition of acetylcholinesterases by pulegone-1,2-epoxide, Oest. Biochem. & Physiol., 23, 1985, 383-8. | | | | |
| Pesticide | | | | | |
| DELTA-3-CARENE | Root | -- | 2.0 | -0.72 | * |
| Activities (8) | | | | | |
| Allergenic? | | | | | |
| Antibacterial | Revista Itiliana Eppos, 12: 5, 1994. | | | | |
| Antiinflammatory ipr | Internat. J. Oriental Med. 15(4): 194, 1990+ | | | | |
| Dermatitigenic | | | | | |
| FLavor FEMA | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Insectifuge | Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990. | | | | |
| Irritant | | | | | |
| Pesticide | | | | | |
| DELTA-CADINENE | Root | -- | 7.0 | -0.68 | * |
| Activities (9) | | | | | |
| Aldose-Reductase-Inhibitor | | | | | |
| Antiacne | | | | | |
| Antibacterial MIC800 ug/ml | Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against Streptococcus mutans. J. Agric. Food Chem. 41: 1102-1105. | | | | |
| Anticariogenic MIC800 ug/ml | Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against Streptococcus mutans. J. Agric. Food Chem. 41: 1102-1105. | | | | |
| Antistreptococcic | | | | | |
| Cytochrome-P450-Inducer | | | | | |
| P450-Inducer | | | | | |
| Pesticide | | | | | |
| Testosterone-Inducer | | | | | |
| DELTA-SELINENE | Root | -- | 11.0 | | * |
| ENT-KAUR-16-EN-19-OIC-ACID | Plant | -- | -- | | * |
| EO | Stem | -- | 750.0 | -0.46 | * |
| EPIPIMARIC-ACID | Plant | -- | -- | | * |
| ETHYL-ACETATE | Stem | -- | 3.0 | | * |

| | | | | | |
|------------------------------------|--|--------|----------|-------|---|
| Activities (6) | | | | | |
| Antispasmodic | | | | | |
| CNS-Depressant | Martindale's 29th | | | | |
| Carminative | | | | | |
| FLavor FEMA 20-1,500 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Respirotoxic >400 ppm | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Stimulant | | | | | |
| FAT | Leaf | 2000.0 | 42550.0 | -0.28 | * |
| FIBER | Leaf | 5000.0 | 106380.0 | -0.68 | * |
| Activities (15) | | | | | |
| Angiotensin-Receptor-Blocker | | | | | |
| Antidiabetic | | | | | |
| Antihypertensive | | | | | |
| Antibesity | | | | | |
| Antitumor | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). | | | | |
| Antiulcer | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). | | | | |
| Beta-Blocker | | | | | |
| Cancer-Preventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. | | | | |
| Cardioprotective | | | | | |
| Diuretic | | | | | |
| Hypocholesterolemic | | | | | |
| Hypotensive 10 g/man/day/orl | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). | | | | |
| Hypouricemic | | | | | |
| Laxative | | | | | |
| Vasodilator | | | | | |
| GERMACRENE-D | Root | -- | 16.0 | -1.0 | * |
| Activities (2) | | | | | |
| Pesticide | | | | | |
| Pheromone | | | | | |
| GRANDIFLORIC-ACID | Plant | -- | -- | | * |
| Activities (6) | | | | | |
| Allelopathic | | | | | |
| Antifeedant | | | | | |
| Antitrypanosomic 500 ug/ml | | | | | |
| Larvicide | | | | | |
| Pesticide | | | | | |
| Uterotonic 50 ug/ml | | | | | |
| INTERMEDIOL | Stem | 1.0 | 2.0 | | * |
| IRON | Leaf | 3.0 | 64.0 | -0.76 | * |
| Activities (6) | | | | | |
| Antiakathisic | Martindale's 29th | | | | |
| Antianemic | Martindale's 29th | | | | |
| Anticanker | | | | | |
| Anticheilitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antimenorrhagic 100 mg/day/wmn/orl | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). | | | | |
| Prooxidant | | | | | |
| ISOPINOCAMPHONE | Plant | -- | -- | | * |
| Activities (4) | | | | | |
| Convulsant | | | | | |
| Epileptigenic | | | | | |
| Neurotoxic | | | | | |
| Pesticide | | | | | |

| | | | | | |
|--------------------------------------|--|-------|--------|-------|---|
| KILOCALORIES | Leaf | 140.0 | 2975.0 | -0.07 | * |
| LAVANDULOL | Plant | -- | -- | | * |
| MYRCENE | Root | -- | 22.0 | -0.82 | * |
| Activities (22) | | | | | |
| ACE-Inhibitor 100 ug/ml | | | | | |
| Aldose-Reductase-Inhibitor 100 ug/ml | Okamura, K., Iwakami, S., Matsunaga, T. 1992. Biological Activity of Monoterpenes from Trees. Toyama-Ken Yakuji Kenkyusho Nenpo, (20): 95-101. | | | | |
| Allergenic | | | | | |
| Analgesic | Kauderer, B., Zamith, H., Paumgartten, F.J.R., and Speit, G. Evaluation of the Mutagenicity of B-Myrcene in Mammalian Cells In Vitro. Environmental and Molecular Mutagenesis 18: 28-34, 1991. | | | | |
| Antibacterial | | | | | |
| Anticonvulsant | | | | | |
| Antimutagenic | Kauderer, B., Zamith, H., Paumgartten, F.J.R., and Speit, G. Evaluation of the Mutagenicity of B-Myrcene in Mammalian Cells In Vitro. Environmental and Molecular Mutagenesis 18: 28-34, 1991. | | | | |
| Antinitrosaminic | | | | | |
| Antinociceptive 10-20 mg/kg ipr mus | Rao, V.S.N., Menezes, A.M.S., Viana, G.S.B. 1990. Effect of myrcene on nociception in mice. J. Pharm. Pharmacol. 42: 877-878, 1990. | | | | |
| Antinociceptive 20-40 mg/kg scu mus | Rao, V.S.N., Menezes, A.M.S., Viana, G.S.B. 1990. Effect of myrcene on nociception in mice. J. Pharm. Pharmacol. 42: 877-878, 1990. | | | | |
| Antioxidant | Jim Duke's personal files. | | | | |
| Antispasmodic | Jim Duke's personal files. | | | | |
| Chemopreventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. | | | | |
| FLavor FEMA 0.5-9 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Fungicide | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Hypothermic | | | | | |
| Insectifuge | | | | | |
| Irritant | Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253. | | | | |
| Myorelaxant 100-200 mg/kg | | | | | |
| P450-2B1-Inhibitor IC50=0.14 uM | | | | | |
| Perfumery | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Pesticide | | | | | |
| N-HEXANAL | Root | -- | -- | | * |
| NEOINTERMEDIOL | Stem | 1.0 | 2.0 | | * |
| NEROLIDOL | Root | -- | 0.75 | | * |
| Activities (11) | | | | | |
| Aldose-Reductase-Inhibitor | | | | | |
| Allergenic | | | | | |
| Antiacne | | | | | |
| Antibacterial MIC=25-200 ug/ml | Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against Streptococcus mutans. J. Agric. Food Chem. 41: 1102-1105. | | | | |
| Anticariogenic MIC=25-200 ug/ml | Muroi, H. and Kubo, I. 1993. Combination Effects of Antibacterial Compounds in Green Tea Flavor against Streptococcus mutans. J. Agric. Food Chem. 41: 1102-1105. | | | | |
| Antifeedant 1 mM (diet) | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Antistreptococcic | | | | | |
| FLavor FEMA 1-10 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Nematicide MLC=1 mg/ml | Shoyakugaku Zasshi, 44: 183. | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Pesticide | | | | | |
| NIACIN | Leaf | 8.0 | 170.0 | 0.88 | * |

| Activities (39) | |
|--------------------------------------|--|
| Allergenic | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| AntiLyme 50 mg/day | |
| AntiMeniere's | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| AntiRaynaud's 1,500-4,000 mg/day | |
| Antiacrodynic | |
| Antiallergic 50 mg/2x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antialzheimeran | |
| Antiamblyopic | |
| Antianginal | |
| Anticataract | |
| Antichilblain | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| Anticonvulsant 3 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antidementia | |
| Antidermatitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antidiabetic | |
| Antidysphagic | |
| Antiepileptic 3 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antihangover 50 mg | |
| Antihistaminic 50 mg 2x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antihyperactivity 1.5-6 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antiinsomnic 1 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antineuralgic | |
| Antiparkinsonian 100 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antipellagric | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. |
| Antiscotomic | |
| Antispasmodic 100 mg 2x/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. |
| Antivertigo | |
| Cancer-Preventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. |
| Cardioprotective | |
| Circulotonic | |
| Fibrinolytic | |
| Hepatoprotective | |
| Hepatotoxic | |
| Hypocholesterolemic 50-100 mg 3x/day | |
| Hypoglycemic | |
| Hypolipidemic | |
| Sedative | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Serotoninerigic | Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf). |
| Vasodilator | Martindale's 29th |

| Activities (2) | | | | | |
|----------------|---|--|--|--|--|
| Insecticide | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |

| | | | | | |
|----------|------|----|-----|-------|---|
| P-CYMENE | Root | -- | 5.0 | -0.59 | * |
|----------|------|----|-----|-------|---|

| Activities (16) | | | | | |
|---|--|---------|----------|-------|---|
| Analgesic | Martindale's 28th | | | | |
| Antiacetylcholinesterase IC40=1.2 mM | | | | | |
| Antibacillary | | | | | |
| Antibacterial | | | | | |
| Antiflu | | | | | |
| Antirheumatalgic | Martindale's 28th | | | | |
| Antiviral | | | | | |
| FLavor FEMA 12-250 | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Fungicide | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Herbicide IC50=50 uM | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Insectifuge | Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin. | | | | |
| Irritant | Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253. | | | | |
| Laxative | Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253. | | | | |
| Pesticide | | | | | |
| Sedative | Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253. | | | | |
| Trichomonicide LD100=50 ug/ml | | | | | |
| P-MENTHA-DIEN-4-OL | Plant | -- | -- | | * |
| PAEONAL | Root | -- | 2.5 | | * |
| Activities (5) | | | | | |
| Analgesic | | | | | |
| Antibacterial | | | | | |
| Antipyretic | | | | | |
| Pesticide | | | | | |
| Sedative | | | | | |
| PHOSPHORUS | Leaf | 250.0 | 5320.0 | 0.06 | * |
| Activities (4) | | | | | |
| Antiosteoporotic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Anxiolytic | | | | | |
| Immunostimulant | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Osteogenic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| PIMARA-8(14),15-DIEN-19-AL | Plant | -- | -- | | * |
| PIMARA-8(14),15-DIEN-19-OIC-ACID | Plant | -- | -- | | * |
| POTASSIUM | Leaf | 3100.0 | 65950.0 | 1.57 | * |
| Activities (14) | | | | | |
| Angiotensin-Receptor-Blocker | | | | | |
| Antiarrhythmic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antidepressant | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antifatigue | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antihypertensive | | | | | |
| Antispasmodic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antistroke | | | | | |
| Anxiolytic | | | | | |
| Beta-Blocker | | | | | |
| Cardioprotective 3,000-5,000 mg | | | | | |
| Cardiotoxic 18,000 mg/man/day | | | | | |
| Diuretic | | | | | |
| Hypotensive | | | | | |
| Vasodilator | | | | | |
| PROTEIN | Leaf | 10000.0 | 212765.0 | 0.01 | * |
| RIBOFLAVIN | Leaf | 0.2 | 4.0 | -0.16 | * |

| Activities (15) | | | | | |
|-------------------------------------|---|--|--|--|--|
| AntiLyme 50 mg/day | | | | | |
| Antiarabiflavinotic 2-10 mg/day orl | Martindale's 28th | | | | |
| Anticarpal-Tunnel 50 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Anticataract 15 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Anticephalagic | | | | | |
| Anticervicaldysplasic 1.6-10 mg/day | | | | | |
| Anticheilitic | | | | | |
| Antidecubitic | | | | | |
| Antiglossitic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Antikeratitic | | | | | |
| Antimigraine | | | | | |
| Antioxidant | | | | | |
| Antipellagic | | | | | |
| Antiphotophobic | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |
| Cancer-Preventive | Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp. | | | | |

| SABINENE | Root | -- | 15.0 | -1.26 | * |
|------------------|---|----|------|-------|---|
| Activities (5) | | | | | |
| Antibacterial | | | | | |
| Antihelicobacter | | | | | |
| Antiseptic | | | | | |
| Antiulcer | | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |

| SODIUM | Leaf | 20.0 | 425.0 | -0.57 | * |
|----------------|--|------|-------|-------|---|
| Activities (1) | | | | | |
| Hypertensive | Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp. | | | | |

| TERPINEN-4-OL | Root | -- | 6.0 | -1.06 | * |
|---|---|----|-----|-------|---|
| Activities (23) | | | | | |
| Allelopathic | Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands. | | | | |
| Antiacetylcholinesterase IC21-24=1.2 mM | | | | | |
| Antiacne | | | | | |
| Antiallergic | | | | | |
| Antiasthmatic | Chin. J. Tuber. Respir. Dis., 4:203, 1982. | | | | |
| Antibacterial | | | | | |
| Antioxidant | | | | | |
| Antiseptic | Flav. & Frag. J. 9: 129. | | | | |
| Antispasmodic | | | | | |
| Antitussive | Chin. J. Tuber. Respir. Dis. | | | | |
| Antiulcer | | | | | |
| Bacteriostatic | Chin. J. Tuber. Respir. Dis. | | | | |
| Diuretic 0.1 ml/rat | | | | | |
| Fungicide | | | | | |
| Herbicide IC50=200 mM | Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp. | | | | |
| Herbicide IC50=22 uM | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Insectifuge | | | | | |
| Irritant | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. | | | | |
| Nematicide MLC=1 mg/ml | Shoyakugaku Zasshi, 44: 183. | | | | |
| Pesticide | | | | | |
| Renoirritant | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. | | | | |
| Spermicide ED100=0.015 | | | | | |
| Vulnerary | Lawrence Review of Natural Products, Jan-91. | | | | |

| | | | | | |
|---------|------|-----|------|------|---|
| THIAMIN | Leaf | 0.6 | 13.0 | 0.98 | * |
|---------|------|-----|------|------|---|

| Activities (31) | | | | | |
|----------------------------------|--|--|--|--|--|
| Analgesic 1-4 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| AntiLyme 50 mg | | | | | |
| Antialcoholic 50-100 mg/day | | | | | |
| Antialzheimeran 100-3,000 mg/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Antianorectic | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Antibackache 1-4 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Antiberiberi | | | | | |
| Anticanker | | | | | |
| Anticardiospasmic | | | | | |
| Anticataract | | | | | |
| Anticolitic | | | | | |
| Antidecubitic | | | | | |
| Antideliriant | | | | | |
| Antidementia | | | | | |
| Antidyspeptic | | | | | |
| Antiencephalopathic | Martindale's 29th | | | | |
| Antifatigue | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Antigastritic | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. | | | | |
| Antihangover 50 mg | | | | | |
| Antiheartburn | | | | | |
| Antiherpetic | | | | | |
| Antimigraine | | | | | |
| Antimyocarditic | | | | | |
| Antineuralgic 1-4 g/day | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Antineurasthenic | | | | | |
| Antineuritic | | | | | |
| Antineuropathic 50 mg | Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp. | | | | |
| Antipoliomyelitic | | | | | |
| Insectifuge 75-150 mg/man/day | Martindale's 28th | | | | |
| Neuroprotective | | | | | |
| Pesticide | | | | | |

| | | | | | |
|--------------------|-------|----|----|---|--|
| TRANS-PINOCAMPHONE | Plant | -- | -- | * | |
|--------------------|-------|----|----|---|--|

| | | | | | |
|-------------------|-------|----|----|---|--|
| TRANS-PINOCARVEOL | Plant | -- | -- | * | |
|-------------------|-------|----|----|---|--|

| Activities (2) | | | | | |
|--------------------------------|--|--|--|--|--|
| Antimalarial IC50=5-50 ug/ml | Rukunga, G. and Simons, A. J. 2006. The Potential of Plants as a Source of Antimalarial Agents - A Review. Africa Herbal Antimalaria Meeting. PlantaPhile Publications, Berlin. 72 pp. | | | | |
| Antiplasmodial IC50=5-50 ug/ml | Rukunga, G. and Simons, A. J. 2006. The Potential of Plants as a Source of Antimalarial Agents - A Review. Africa Herbal Antimalaria Meeting. PlantaPhile Publications, Berlin. 72 pp. | | | | |

| | | | | | |
|-----------|------|----|-----|---|--|
| VERBENONE | Root | -- | 3.0 | * | |
|-----------|------|----|-----|---|--|

| Activities (5) | | | | | |
|----------------|---|--|--|--|--|
| Allelochemic | | | | | |
| Coleopterifuge | | | | | |
| Insectifuge | | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Pesticide | | | | | |

| | | | | | |
|-------|------|----|----------|------|---|
| WATER | Leaf | -- | 953000.0 | 0.73 | * |
|-------|------|----|----------|------|---|

| | | | | | |
|-------------|------|----|-----|-----|---|
| ZINGIBERENE | Root | -- | 8.0 | 1.0 | * |
|-------------|------|----|-----|-----|---|

| Activities (6) | | | | | |
|--------------------------|--|--|--|--|--|
| Antirhinoviral | Mills, Simon and Bone, Kerry. 2000. Phytotherapy. Churchill Livinston, Edinburgh. | | | | |
| Antiulcer IC54=100 mg/kg | | | | | |
| Carminative | | | | | |
| Insecticide | Keeler, R.F. and Tu, A.T. eds. 1991. Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6) Marcel Dekker, Inc. NY. 665 pp. | | | | |
| Perfumery | Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry | | | | |
| Pesticide | | | | | |