

# List of All Chemicals

## **P** Aristolochia debilis (Aristolochiaceae)

### Common name(s)

Chinese Birthwort

### How used

Medicinal

\*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 <input type="button" value="All"/>	Low PPM	High PPM	StdDev	*Reference
1(10)-ARISTOLEN-15-AL	Plant	--	--		*
1(10)-ARISTOLONE	Plant	--	--		*
3-OXOISHWARANE	Plant	--	--		*
7-HYDROXYARISTOLOCHIC-ACID-A	Plant	--	--		*
7-METHOXYARISTOLOCHIC-ACID-A	Plant	--	--		*
ALLANTOIN	Root	--	--		*

#### Activities (12)

Antidandruff	A.L.L. Hunting. Encyclopedia of Shampoo Ingredients. Micelle Press, Cranford NJ. 467 pp.
Antiinflammatory	
Antioxidant	
Antipeptic 30-130 mg/man/day	25 Dispensatory
Antipsoriac 2%	Martindale's 28th
Antiradicular	
Antiulcer	
Immunostimulant	
Keratolytic	Martindale's 28th
Sunscreen 0.10%	Jim Duke's personal files.
Suppurative	
Vulnerary	

ARISTOCHINIC-ACID	Seed	--	--		*
ARISTOIC-ACID	Root	--	--		*
ARISTOLOCHIALACTAM	Root	--	--		*
ARISTOLOCHIC-ACID	Seed	--	--		*

**Activities (33)**

Abortifacient

Antiadenocarcinoma

Antiaggregant

Antibacterial

Anticancer

Anticarcinomic 4 ppm

Antiedemic

Antieicosanoid

Antifertility

Antiherpetic

Antiimplantation 3-4 mg/kg  
orl

Antiinflammatory Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor &amp; Frost, London. 791 pp.

Antineoplastic

Antiprostaglandin

Antiseptic Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor &amp; Frost, London. 791 pp.

Antithrombic

Antitonsilitic

Antitumor Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor &amp; Frost, London. 791 pp.

Antivaccinia Economic &amp; Medicinal Plant Research, 5: 198.

Antiviral Economic &amp; Medicinal Plant Research, 5: 198.

Carcinogenic 0.1-10  
mg/kg/3 mos mus

Contraceptive

Hemangionagenic 5 mg/kg  
mus

Hepatotoxic

Immunostimulant

Larvicide 1 ppm Berenbaum, M. R., The natives knew, Chemtech, (May), 1990, 275-279.

Mutagenic

Nephrotoxic

Papillomagenic

Pesticide

Phagocytotic 0.9  
mg/man/day

Phospholipase-A2-Inhibitor

Vulnerary Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

ARISTOLOCHIC-ACID

Root

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Activities (33)					
Abortifacient					
Antiadenocarcinoma					
Antiaggregant					
Antibacterial					
Anticancer					
Anticarcinomic 4 ppm					
Antiedemic					
Antieicosanoid					
Antifertility					
Antiherpetic					
Antiimplantation 3-4 mg/kg orl					
Antiinflammatory	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Antineoplastic					
Antiprostaglandin					
Antiseptic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Antithrombic					
Antitonsilitic					
Antitumor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Antivaccinia	Economic & Medicinal Plant Research, 5: 198.				
Antiviral	Economic & Medicinal Plant Research, 5: 198.				
Carcinogenic 0.1-10 mg/kg/3 mos mus					
Contraceptive					
Hemangionagenic 5 mg/kg mus					
Hepatotoxic					
Immunostimulant					
Larvicide 1 ppm	Berenbaum, M. R., The natives knew, Chemtech, (May), 1990, 275-279.				
Mutagenic					
Nephrotoxic					
Papillomagenic					
Pesticide					
Phagocytotic 0.9 mg/man/day					
Phospholipase-A2-Inhibitor					
Vulnerary	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.				

ARISTOLOCHINE Plant -- -- \*

Activities (3)					
Insecticide	Grainge, M. and Ahmed, S., Handbook of Plants with Pest-Control Properties, John Wiley & Sons, New York, NY, 1988, 470.				
Pediculicide	Grainge, M. and Ahmed, S., Handbook of Plants with Pest-Control Properties, John Wiley & Sons, New York, NY, 1988, 470.				
Pesticide					

ARISTOLONE Root -- -- \*

ARSENIC Fruit -- 0.21 -0.27 \*

Activities (2)					
Anorexic	Forest H. Nielsen, USDA, Grand Forks, various publications.				
Pesticide					

CALCIUM Fruit -- 1740.0 -0.49 \*

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					
<b>COPPER</b>	<b>Fruit</b>	--	<b>14.0</b>	<b>0.09</b>	<b>*</b>

Activities (12)					
Antianemic					
Antiarthritic					
Antidiabetic 2-4 mg/day		Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antifatigue					
Antiinflammatory		Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antinociceptive		Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antiosteoporotic					
Cardioprotective					
Contraceptive		Martindale's 28th			
Hypocholesterolemic		Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.			
Immunomodulator					
Schizophrenigenic		Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.			
<b>CYCLANOLINE</b>	<b>Root</b>	--	--		<b>*</b>
<b>DEBILONE</b>	<b>Plant</b>	--	--		<b>*</b>
<b>IRON</b>	<b>Fruit</b>	--	<b>190.0</b>	<b>0.23</b>	<b>*</b>

Activities (6)					
Antiakathitic		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					
<b>MAGNESIUM</b>	<b>Fruit</b>	--	<b>1880.0</b>	<b>-0.12</b>	<b>*</b>

Activities (65)					
AntiCFS					
AntiLyme 400-1,000 mg					
AntiMS					

AntiPMS 400-800 mg/day/wmn/orl	
AntiPMS 400-800 mg/day/wmn orl	
AntiRaynaud's 280-350 mg/day	
Antiaggregant 400 mg/day	
Antialcoholic	
Antianginal 400 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antianorectic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antianxiety 400 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiarrhythmic 400 mg/day	
Antiarthritic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antiasthmatic	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antiatherosclerotic 400 mg/day	
Anticephalagic	
Anticlimacteric 500-750 mg/day	
Anticonvulsant	Facciola, S. 1998. Cornucopia - A Source Book of Edible Plants. Kampong Publications, Vista CA. 713 pp.
Anticoronary 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
Antidepressant	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antidiabetic 400-800 mg/man/day	
Antidysmenorrheic 100 mg 4 x/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiendometriotic 500 mg/day	
Antienterotic	
Antiepileptic 450 mg/day	
Antifatigue	
Antifibromyalgic 200-300 mg 3x/day	
Antigastroic	
Antiglaucomic	
Antihyperkinetic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antihypertensive	
Antihypoglycemic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antiinflammatory 100 mg 4 x/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiinsomniac	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antilithic	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antimastalgic	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antimenopausal 500-750 mg/day	
Antimigraine 200 mg/day/man	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antimitral-valve-prolapse	
Antinephrolytic	
Antineurotic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antiosteoporotic 500-1,000 mg/day/wmn/orl	
Antiplateau 500-1,000 mg/day	
Antiretinopathic 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
Antispasmodic	
Antispasmophilic 500 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antistress 500-750 mg/day	
Antistroke 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
Antisyndrome-X 400 mg/man/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
Anxiolytic 500-750 mg/day	
CNS-Depressant	Facciola, S. 1998. Cornucopia - A Source Book of Edible Plants. Kampong Publications, Vista CA. 713 pp.
Calcium-Antagonist	
Cardioprotective	
Diuretic	
Hypocholesterolemic 400 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Hypotensive 260-500 mg/day	
Immunomodulator	
Insulinogenic 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
Laxative 300-500 mg/day	
Litholytic	

Myorelaxant 100 mg 4 x/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.  
 Neurotransmitter  
 Tranquilizer 500-750 mg/day  
 Uterorelaxant 100 mg 4 x/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.  
 Vasodilator

MANGANESE Fruit -- 33.0 -0.19 \*

**Activities (14)**

AntiPMS  
 Antialcoholic Forest H. Nielsen, USDA, Grand Forks, various publications.  
 Antianemic Martindale's 28th  
 Antiarthritic  
 Antidiabetic 3-5 mg/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.  
 Antidiabetic 10-30 mg/man/day  
 Antidiscotic Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.  
 Antidyskinetic Martindale's 28th  
 Antiepileptic 450 mg/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.  
 Antiosteoporotic  
 Antiototic Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.  
 Antioxidant  
 Antisyndrome-X 10-30 mg/man/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  
 Hypoglycemic 10-30 mg/man/day

POTASSIUM Fruit -- 21500.0 0.32 \*

**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

SODIUM Fruit -- 136.0 -0.17 \*

**Activities (1)**

Hypertensive Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.

ZINC Fruit -- 40.0 0.29 \*

**Activities (77)**

ACE-Inhibitor  
 Analgesic  
 AntiBPH 25-60 mg/day  
 AntiCrohn's Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.  
 AntiHIV  
 Antiacne 135 mg/day  
 Antiacrodermatitic 8-34 mg/day/orl/chd Martindale's 29th  
 Antialcoholic  
 Antialopecic Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.  
 Antialzheimeran 50 mg/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.  
 Antiangiogenic  
 Antianorexic Martindale's 29th  
 Antiarthritic 50 mg/3x/day/orl/man  
 Anticanker 100 mg/day Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.

Anticataract 30 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Anticoeliac	Martindale's 28th
Anticold 50 mg	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Anticoilitic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Anticoronary 30 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
Antidandruff	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antidementia	
Antidiabetic 30 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
Antidote (Cadmium)	Let's Live, May 1989.
Antidysgeuzic	
Antieczemic 150 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiencephalopathic	Martindale's 29th
Antiepileptic 100 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antifibrotic 30 mg	
Antifuruncular 45 mg/3x/day/man	Martindale's 28th
Antihangover 15 mg	
Antiherpetic? 25-60 mg/day	
Antiimpotence	Martindale's 29th
Antiinfective 50 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiinfertility 60 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antiinsomniac	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antileptic	Martindale's 29th
Antileukonychic	
Antilymphomic	
Antimaclitic	
Antimetastatic	
Antineuropathic	
Antinyctalopic	
Antiobesity 30 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
Antiosteoporotic	
Antiperiodontitic	
Antiplateque	Martindale's 29th
Antiprolactin	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antiprostatic 50 mg/man/day/orl	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antirheumatic	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Antiseptic 50 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antispare-Tire 30 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
Antistomatitic 50 mg/man/3x/day	Martindale's 28th
Antisyndrome-X 30 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
Antitinnitic 60-120 mg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Antitriglyceride 30 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
Antiulcer 50 mg/3x/day/man	Martindale's 28th
Antiulcer 88 mg/rat/day/15 days	
Antiviral?	Martindale's 29th
Astringent	Martindale's 28th
Collagenic	
Copper-Antagonist	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
Deodorant	Martindale's 29th
Detoxicant (Alcohol)	
Ergogenic	
Hypotensive 30 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
Immunomodulator	
Immunostimulant	Davies, S., and Stewart, A. 1990. Nutritional Medicine. Avon Books, New York. 509pp.
Immunosuppressant 300 mg/day/6 wks/orl/man	Martindale's 29th
Insulinogenic 30 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
Leptogenic 30-60 mg/man/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
Mucogenic	Li, K.M. Effect of zinc sulphate on acetic acid-induced gastric ulceration in rats. J. Pharm. Pharmacol. 42: 657-659, 1990.
NF-kB-Inhibitor	

Pesticide

Spermigenic 60 mg/day

Werbach, M. 1993. *Healing with Food*. Harper Collins, New York, 443 pp.

Testosteronigenic 60 mg/day

Werbach, M. 1993. *Healing with Food*. Harper Collins, New York, 443 pp.

Trichomonicide

Martindale's 29th

Vulnerary

Martindale's 28th