

# List of All Chemicals

## P Geranium maculatum (Geraniaceae)

### Common name(s)

Cranesbill

### 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 <span>All ▾</span>	Low PPM	High PPM	StdDev	*Reference
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CALCIUM-OXALATE	Plant	--	--		*
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Activities (4)					
Emetic					
Inflammatory					
Laxative					
Lithogenic					

GALLIC-ACID	Root	--	--		*
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Activities (62)					
ACE-Inhibitor IC50=7.7 mM/l					
Analgesic					
AntiHIV					
AntiMRSA					
Antiadenovirus	Economic & Medicinal Plant Research, 5: 194.				
Antiallergenic	Dorsch, W., Wagner, H. New Antiasthmatic Drugs from Traditional Medicine? Int Arch Allergy Appl Immunol 94: 262-265, 1991.				
Antianaphylactic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Antiangiogenic					
Antiasthmatic	Watt, J.M., and Breyer-Brandwijk, M.G. The Medicinal and Poisonous Plants of Southern and Eastern Africa. 1962.				
Antibacterial MIC=1,000 ug/ml					
Antibronchitic	Dorsch, W., Wagner, H. New Antiasthmatic Drugs from Traditional Medicine? Int Arch Allergy Appl Immunol 94: 262-265, 1991.				
Anticancer					
Anticarcinomic ED50=3					
Antiescherichic					
Antifibrinolytic	Economic & Medicinal Plant Research, 1: 53.				
Antiflu	Economic & Medicinal Plant Research, 5: 194.				
Antihepatotoxic	Okuda, T., Yoshida, T., and Hatano, T. Antioxidant Effects of Tannins and Related Polyphenols. Phenolic Compounds in Food and Their Effects on Health, Ch.7 p.93.				
Antiherpetic EC50=>10 ug/ml					
Antiinflammatory	Kroes, B.H., et al. 1991. Anti-Inflammatory Activity of Gallic Acid. Planta Medica, 58(6): 499.				
Antileishmanic EC50=4.4 ug/ml					
Antimutagenic	Economic & Medicinal Plant Research, 6: 235.				
Antinitrosaminic					
Antioxidant IC44=33 ppm					
Antioxidant 7 x quercetin					
Antioxidant 2/3 BHA					
Antiperiodontitic 10 ug/ml					
Antiperoxidant IC50=69 uM					
Antipolio	Economic & Medicinal Plant Research, 5: 194.				
Antiproteolytic 10 ug/ml					
Antiradicular 7 x quercetin					
Antiradicular					

IC50=4.9 uM				
Antiseptic	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.			
Antistaphylococcic MIC=1,000 ug/ml				
Antitumor				
Antitumor-Promoter				
Antiviral				
Apoptotic				
Astringent	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.			
Bacteristat	Lamikanra, A., Ogundaini, A.O., and Ogungbamila*, F.O. Antibacterial Constituents of Alchornea cordifolia Leaves. Phytotherapy Research 4(5): 198.			
Bronchodilator	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.			
Candidicide				
Carcinogenic				
Choleretic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Cyclooxygenase-Inhibitor				
Cytotoxic 500 uM				
Floral-Inhibitor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Gram(+)-icide MIC=1,000 ug/ml				
Gram(-)-icide MIC=1,000 ug/ml				
Hemostat				
Hepatoprotective	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.			
Immunomodulator				
Immunostimulant	McKenna, D. J., Hughes, K., and Jones, K. 2000. Green Tea Monograph. Alternative Therapies, 6(3): 61-82.			
Immunosuppressant				
Insulin-Sparing	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Myorelaxant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
NO-Inhibitor IC-26=250 uM				
Nephrotoxic	Martindale's 29th			
Pesticide				
Styptic				
Topoisomerase-I-Inhibitor	Hamada, S. I., Kataoka, T., Woo, J. T., Yamada, A., Yoshida, T., Nishimura, T., Otake, N., Nagai, K. 1997. Immunosuppressive Effects by Gallic Acid and Chebulagic Acid on CTL-Mediated Cytotoxicity. Biol Pharm Bull, 20: 1017-1019.			
Xanthine-Oxidase-Inhibitor IC50=24 uM	Hatano, T., Yasuhara, T., Yoshihara, R., Agata, I., Noro, T., and Okuda, T. 1989. Effects of Interaction of Tannins with Co-existing Substances.VII. Inhibitory Effects of Tannins Related Polyphenols on Xanthine Oxidase. Chem. Pharm. Bull. 38(5): 1224-1229			

GUM	Plant	--	--		*
RESIN	Plant	--	--		*
TANNINS	Root	100000.0	280000.0	1.52	*