

List of All Chemicals

P Schoenocaulon officinale (Liliaceae)

Common name(s)

Sabadilla

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	All	Low PPM	High PPM	StdDev	*Reference
ACETIC-ACID	Seed		--	--		*
Activities (16)						
Acidulant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Antibacterial 5,000 ppm						
Antiotitic	Martindale's 28th					
Antisalmonella						
Antivaginitic 1-2%						
Expectorant	Martindale's 28th					
Fungicide	Martindale's 29th					
Keratitigenic						
Mucolytic	Martindale's 29th					
Osteolytic						
Perfumery FEMA 6,000-40,000 ppm	Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry					
Pesticide						
Protisticide	Martindale's 29th					
Spermicide	Martindale's 28th					
Ulcerogenic	HerbalGram No. 20, page 9.					
Verrucolytic						
ALKALOIDS	Seed		10000.0	60000.0	2.3	*
ANGELIC-ACID	Seed		--	--		*
Activities (1)						
Sedative						
CEBADINE	Seed		7500.0	45000.0		*
CEVACINE	Seed		--	--		*
CEVADIC-ACID	Seed		--	--		*
CEVADILLINE	Seed		--	--		*
CEVADINE	Seed		--	--		*
Activities (3)						
Insecticide	Merck 11th Edition					
Irritant						
Pesticide						
CEVAGENINE	Seed		--	--		*
CEVINE	Seed		--	--		*
Activities (1)						
Hypotensive						
CEVINILIC-DELTA-LACTONE	Seed		--	--		*

CHELIDONIC-ACID	Seed	--	--	*	
Activities (2)					
Antiwart	Mitchell, J. and Rook, A.J. 1923. Botanical Dermatology: plants and plant products injurious to the skin. Vancouver: Greengrass, 1979. xiii, 787 p.: ill.				
Irritant	Mitchell, J. and Rook, A.J. 1923. Botanical Dermatology: plants and plant products injurious to the skin. Vancouver: Greengrass, 1979. xiii, 787 p.: ill.				
DEHYDROCEVAGENINE	Seed	--	--	*	
FAT	Seed	90000.0	250000.0	-0.08	*
GERMIDINE	Seed	--	--	*	
Activities (1)					
Hypotensive					
HYDROALKAMINE-S	Seed	--	--	*	
NEOGERMIDINE	Seed	--	--	*	
NEOSABADINE	Seed	--	--	*	
OLEIC-ACID	Seed	--	--	*	
Activities (18)					
5-Alpha-Reductase-Inhibitor					
Allergenic					
Alpha-Reductase-Inhibitor					
Anemiagenic					
Antiallopecic					
Antiandrogenic					
Antiinflammatory IC50=21 uM					
Antileukotriene-D4 IC50=21 uM					
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Choleretic 5 ml/man					
Dermatitigenic					
FLavor FEMA 1-30	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry				
Hypocholesterolemic	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)				
Insectifuge	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.				
Irritant Merck 11th Edition					
Percutaneostimulant	Seki, T., Toeda, C., Kawaguchi, T., Juni, K., Sugibayashi, K., and Morimoto, Y. 1990. Enhanced Transdermal Delivery of Zidovudine in Rats and Human Skin. Chem. Pharm. Bull. 38(11): 3086-3089, 1990.				
Perfumery Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry					
Propepic					
PALMITIC-ACID	Seed	--	--	*	
Activities (13)					
5-Alpha-Reductase-Inhibitor					
Antiallopecic					
Antiandrogenic					
Antifibrinolytic	Economic & Medicinal Plant Research, 1: 53.				
Antioxidant IC40=60					
FLavor FEMA 1	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry				
Hemolytic	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.				
Hypercholesterolemic	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)				
Lubricant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Nematicide	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.				
Pesticide					
Propepic					
Soap	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
PROTOCEVINE	Seed	--	--	*	
SABADENE	Seed	--	--	*	
SABADILLENES	Seed	--	--	*	

SABADINE	Seed	--	--	*
SABADININE	Plant	--	--	*
SABATINE	Seed	--	--	*
SABINE	Seed	--	--	*
TIGLIC-ACID	Seed	--	--	*

Activities (1)

Perfumery Merck 11th Edition

VANILLIC-ACID	Seed	--	--	*
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Activities (24)

Aldose-Reductase-Inhibitor 100 uM/l

Allelopathic

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

Antibacterial 1.5-15 mg/ml Recio, M. C., Rios, J. L., and Villar, A., A review of some antimicrobial compounds isolated from medicinal plants reported in the literature 1978-1988, Phytotherapy Research, 3(4), 1989, 117-125.

Anticancer

Antifatigue

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

Antileukemic IC50=25-56 ug/ml Chiang, L. C., Chiang, W., Chang, M. Y., Ng, L. T., Lin, C. C. 2003. Antileukemic activity of selected natural products in Taiwan. Am J Chin Med, 31(1):37-46.

Antioxidant IC21=30 ppm

Antioxidant 1/3 BHA

Antiperoxidant IC15-65=100-200 ug/ml

Antiradicular 7 x quercetin

Antiseptic

Antisickling Planta Medica, 56(6): 681, 1990.

Antitumor

Antitumor-Promoter

Ascaricide

Cancer-Preventive Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.

Choleretic

Fungicide

Immunosuppressant

Laxative =ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp

Pesticide

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

VANILLOYLCEVINE	Seed	--	--	*
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Activities (1)

Hypotensive CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

VANILLOYLVERACEVINE	Seed	--	--	*
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VERACEVINE	Seed	--	--	*
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VERAGERMINE	Seed	--	--	*
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VERATRIC-ACID	Seed	--	--	*
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VERATRIDINE	Seed	2500.0	15000.0	*
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