

List of All Chemicals

P Salvia chinopepica (Lamiaceae)

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
CARNOSOL	Leaf	--	83.0	-0.61	Amaro-Luis, J. M., Herrera, J. R., Luis, J. G. 1998. Abietane Diterpenoids from Salvia chinopepica. Phytochemistry, 47(5): 895-897.

Activities (20)

5-Lipoxygenase-Inhibitor
IC50 (uM)=2

AntiHIV J. Nat. Prod. 56: 1426.

Antibiotic Encarnacion Dimayuga, R., Keer Garcia, S., Halfdan Nielsen, P., and Christophersen, C. 1989. Traditional Medicine of Baja California Sur (Mexico) III. Carnosol: A Diterpene Antibiotic from Lepechinia hastata. J. Ethnopharmacology, 31: 43-48, 1991.

Antihepatotoxic Joyeux, M., Rolland, A., Fleurentin, J., Mortier, F., and Dorfman, P. 1989. Tert-Butyl Hydroperoxide-Induced Injury in Isolated Rat Hepatocytes: A Model for Studying Anti-Hepatotoxic Crude Drugs. Planta Medica 56(2): 171-173, 1990.

Antiinflammatory McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

Antilipoperoxidant Joyeux, M., Rolland, A., Fleurentin, J., Mortier, F., and Dorfman, P. 1989. Tert-Butyl Hydroperoxide-Induced Injury in Isolated Rat Hepatocytes: A Model for Studying Anti-Hepatotoxic Crude Drugs. Planta Medica 56(2): 171-173, 1990.

Antimutagenic Economic & Medicinal Plant Research, 6: 235.

Antioxidant McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

Antiradicular Joyeux, M., Rolland, A., Fleurentin, J., Mortier, F., and Dorfman, P. 1989. Tert-Butyl Hydroperoxide-Induced Injury in Isolated Rat Hepatocytes: A Model for Studying Anti-Hepatotoxic Crude Drugs. Planta Medica 56(2): 171-173, 1990.

Antitumor McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

Antitumor-Promoter McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

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

Candidicide Encarnacion Dimayuga, R., Keer Garcia, S., Halfdan Nielsen, P., and Christophersen, C. 1989. Traditional Medicine of Baja California Sur (Mexico) III. Carnosol: A Diterpene Antibiotic from Lepechinia hastata. J. Ethnopharmacology, 31: 43-48, 1991.

Cyclooxygenase-Inhibitor
IC50 (uM) =16

Fungicide Encarnacion Dimayuga, R., Keer Garcia, S., Halfdan Nielsen, P., and Christophersen, C. 1989. Traditional Medicine of Baja California Sur (Mexico) III. Carnosol: A Diterpene Antibiotic from Lepechinia hastata. J. Ethnopharmacology, 31: 43-48, 1991.

Metal-Chelator McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

Ornithine-Decarboxylase-Inhibitor McEvily, A.J., Iyengar, R., and Gross, A.T. Inhibition of Polyphenol Oxidase by Phenolic Compounds. Phenolic Compounds in Food and Their Effects on Health, Ch.25.

Pesticide

Protease-Inhibitor J. Nat. Prod. 56: 1426.

Quinone-Reductase-Inducer 100 mg/kg ipr rat Singletary, K. W. 1996. Rosemary Extract and Carnosol Stimulate Rat Liver Glutathione-s-transferase and Quinone Reductase Activities. Cancer Lett., 100: 139-144.