



Core BURN Product References

Alasbahi RH, Melzig MF. Plectranthus barbatus: a review of phytochemistry, ethnobotanical uses and pharmacology - Part 1. *Planta Med.* 2010 May;76(7):653-61.

Alasbahi RH, Melzig MF. Forskolin and derivatives as tools for studying the role of cAMP. *Pharmazie.* 2012 Jan;67(1):5-13.

Godard MP, et al. Body composition and hormonal adaptations associated with forskolin consumption in overweight and obese men. *Obes Res.* 2005 Aug;13(8):1335-43.

Henderson S, et al. Effects of coleus forskohlii supplementation on body composition and hematological profiles in mildly overweight women. *J Int Soc Sports Nutr.* 2005 Dec 9;2:54-62.

Tamboli ET, et al. Metabolic diversity in Coleus forskohlii Briq. of Indian subcontinent. *Nat Prod Res.* 2013;27(19):1737-42.

Greenway FL, et al. Topical fat reduction. *Obes Res.* 1995 Nov;3 Suppl 4:561S-568S.

Shivaprasad HN, et al. Effect of Coleus forskohlii extract on cafeteria diet induced obesity in rats. *Pharmacognosy Res.* 2014 Jan;6(1):42-5.

Higgins HL, Means JH. The effect of certain drugs on the respiratory and gaseous metabolism in normal human subjects. *J Pharmacol Exp Ther* 1915;7:1–9.

Dulloo AG, Geissler CA, Horton T, Collins A, Miller DS. Normal caffeine consumption: influence on thermogenesis and daily energy expenditure in lean and postobese human volunteers. *Am J Clin Nutr* 1989;49:44 – 50.

Astrup A, Buemann B, Christensen NJ, et al. The effect of ephedrine/ caffeine mixtures on energy expenditure and body composition in obese women. *Metabolism* 1992;41:686 – 8.

Dulloo AG, Seydoux J, Girardier L. Potentiation of the thermogenic antiobesity effects of ephedrine by dietary methylxanthines: adenosine antagonism or phosphodiesterase inhibition? *Metabolism* 1992;41:1233– 41.

Dulloo AG, Miller DS. Aspirin as a promoter of ephedrine-induced thermogenesis: potential use in the treatment of obesity. *Am J Clin Nutr* 1987;45:564 – 9.



Dulloo AG, Miller DS. The thermogenic properties of ephedrine/ methylxanthine mixtures: human studies. *Int J Obes* 1986;10:467– 81. Astrup A, Toubro S, Thorbek G, Cannon S, Hein P, Madsen J.

Thermogenic synergism between ephedrine and caffeine in healthy volunteers: a double-blind, placebo-controlled study. *Metabolism* 1991;40:323–9.

Bracco D, Ferrarra J-M, Arnaud MJ, Jéquier E, Schutz Y. Effects of caffeine on energy metabolism, heart rate and methylxanthine metabolism in lean and obese women. *Am J Physiol* 1995;269:E671– 8.

Bellet S, Kershbaum A, Finck EM. Response of free fatty acids to coffee and caffeine. *Metabolism* 1968;17:702–7.

Bellet S, Roman L, de Castro O, Kim KE, Kershbaum A. Effect of coffee ingestion on catecholamine release. *Metabolism* 1969;18:288 – 91.

Butcher RW, Baird CE, Sutherland EW. Effects of lipolytic and antilipolytic substances on adenosine 3',5'-monophosphate levels in isolated fat cells. *J Biol Chem* 1968;243:1705–12.

Sidossis LS, Coggan AR, Gastaldelli A, Wolfe RR. A new correction factor for use in tracer estimations of plasma fatty acid oxidation. *Am J Physiol* 1995;269:E649 –56.

Wolfe RR. Tracers in metabolic research: radioisotopes and stable isotopes/mass spectrometry methods. New York: Liss, 1984.

Ochiai R, Jokura H, Suzuki A, Tokimitsu I, Ohishi M, Komai N, Rakugi H, Ogihara T. Green coffee bean extract improves human vasoreactivity. *Hypertens Res*. 2004;27:731–7. Medline

Shimoda H, Seki E, Aitani M. Inhibitory effect of green coffee bean extract on fat accumulation and body weight gain in mice. *BMC Complement Altern Med*. 2006;6:1–9.

Blum J, Lemaire B, Lafay S. Effect of a green decaffeinated coffee extract on glycaemia. *NutraFoods Res*. 2007;6:13–7.

Song, Y.; Wang, H. J.; Ma, J.; Wang, Z. *PLoS One* 2013, 8, 53069. Bolton, J. L.; Smith, S. H.; Huff, N. C.; Gilmour, M. I.; Foster, W. *FASEB J*. 2012, 26, 474–454.

Xia, W.; Sun, C.; Zhao, Y.; Wu, L. *Phytomedicine* 2011, 18, 516– 520. Seo, D. C.; Niu, J. *Int. J. Behav. Med.* 2013, Jun 7.

Suzuki, Y.; Miyoshim, N.; Isemura, M. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 2012, 88, 88–101



Bazzano, L. A.; Serdula, M. K.; Liu, S. Curr. Atheroscler. Rep. 2003, 5, 492–499.

Wu, S.; Deng, F.; Hao, Y.; Shima, M.; Wang, X.; Zheng, C; Wei, H; Lv, H; Lu, X; Huang, J; Qin, Y; Guo, X. J. Hazard. Mater. 2013, 260C, 183191.

Boyle, K. E.; Zheng, D.; Anderson, E. J.; Neufer, P. D.; Houmard, J. A. Int. J. Obes. (Lond) 2012, 36, 1025–1031.

Xu, X.; Yavar, Z.; Verdin, M.; Ying, Z.; Mihai, G.; Kampfrath, T.; Wang, A.; Zhong, M.; Lippmann, M.; Chen, L. C.; Rajagopalan, S.; Sun, Q. Arterioscler. Thromb. Vase. Biol. 2010, 30, 2518–2527.

Ven Murthy MR, et al. Scientific basis for the use of Indian ayurvedic medicinal plants in the treatment of neurodegenerative disorders: ashwagandha. Cent Nerv Syst Agents Med Chem. (2010).

Shinomol GK, Muralidhara, Bharath MM. Exploring the role of "Brahmi" (Bacopa monnieri and Centella asiatica) in brain function and therapy. Recent Pat Endocr Metab Immune Drug Discov. (2011).

Singh RH, Narsimhamurthy K, Singh G. Neuronutrient impact of Ayurvedic Rasayana therapy in brain aging. Biogerontology. (2008).

Mukherjee S, et al. Evaluation of comparative free-radical quenching potential of Brahmi (Bacopa monnieri) and Mandookparni (Centella asiatica). Ayu. (2011).

Russo A, Borrelli F. Bacopa monniera, a reputed nootropic plant: an overview. Phytomedicine. (2005).

Shinomol GK, Muralidhara. Bacopa monnieri modulates endogenous cytoplasmic and mitochondrial oxidative markers in prepubertal mice brain. Phytomedicine. (2011).

Chowdhuri DK, et al. Antistress effects of bacosides of Bacopa monnieri: modulation of Hsp70 expression, superoxide dismutase and cytochrome P450 activity in rat brain. Phytother Res. (2002).

Bhandari P, et al. Bacosterol glycoside, a new 13,14-seco-steroid glycoside from Bacopa monnieri. Chem Pharm Bull (Tokyo). (2006).

Ghosh T, Maity TK, Singh J. Antihyperglycemic activity of bacosine, a triterpene from Bacopa monnieri, in alloxan-induced diabetic rats. Planta Med. (2011).

Bhandari P, et al. A rapid RP-HPTLC densitometry method for simultaneous determination of major flavonoids in important medicinal plants. J Sep Sci. (2007).



Bhandari P, et al. Silica-based monolithic column with evaporative light scattering detector for HPLC analysis of bacosides and apigenin in Bacopa monnieri. *J Sep Sci.* (2009).

Deb DD, et al. In vitro safety evaluation and antielastogenic effect of BacoMind on human lymphocytes. *Biomed Environ Sci.* (2008).

Murthy PB, et al. Estimation of twelve bacopa saponins in Bacopa monnieri extracts and formulations by high-performance liquid chromatography. *Chem Pharm Bull (Tokyo).* (2006).

Deepak M, et al. Quantitative determination of the major saponin mixture bacoside A in Bacopa monnieri by HPLC. *Phytochem Anal.* (2005).

Phrompittayarat W, et al. Stability studies of saponins in Bacopa monnieri dried ethanolic extracts. *Planta Med.* (2008).

Sairam K, et al. Prophylactic and curative effects of Bacopa monniera in gastric ulcer models. *Phytomedicine.* (2001).

Goel RK, et al. In vitro evaluation of Bacopa monniera on anti- Helicobacter pylori activity and accumulation of prostaglandins. *Phytomedicine.* (2003).

Dorababu M, et al. Effect of Bacopa monniera and Azadirachta indica on gastric ulceration and healing in experimental NIDDM rats. *Indian J Exp Biol.* (2004).

Charles PD, et al. Bacopa monniera leaf extract up-regulates tryptophan hydroxylase (TPH2) and serotonin transporter (SERT) expression: implications in memory formation. *J Ethnopharmacol.* (2011).

Rajan KE, et al. Attenuation of 1-(m-chlorophenyl)-biguanide induced hippocampus-dependent memory impairment by a standardised extract of Bacopa monniera (BESEB CDRI-08). *Neurochem Res.* (2011).

SC, Leal MB, Limberger RP. 2008. Concentrations of p-synephrine in fruits and leaves of Citrus species (Rutaceae) and the acute toxicity testing of Citrus aurantium extract and p-synephrine. *Food Chem. Toxicol.* 46: 2770-2775.

Arbo MD, Schmitt GC, Limberger MF, Charão MF, Moro AM, Ribeiro GL, Dallegrave E, Garcia SC, Leal MB, Limberger RP. 2009. Subchronic toxicity of Citrus aurantium L. (Rutaceae) extract and p- synephrine in mice. *Regulatory Toxicol. Pharmacol.* 54: 114-117. Synephrine Octopamine Caffeine HRA Page 37 of 49 File Number: 172091



Astrup A, Breum L, Toubro S, Hein P, Quaade F. 1992. The effect and safety of an ephedrine/caffeine compound compared to ephedrine, caffeine and placebo in obese subjects on an energy restricted diet. A double blind trial. *Int. J. Obes. Relat. Metab. Disord.* 16(4): 269-277. Astrup A, Toubro S. 1993. Thermogenic, metabolic, and cardiovascular responses to ephedrine and caffeine in man. *Int. J. Obes. Relat. Metab. Disord.* 17(Suppl. 1): S41-S43.

Astrup A, Breum L, Toubro S. 1995. Pharmacological and clinical studies of ephedrine and other thermogenic agonists. *Obesity Res.* 3(Suppl. 4): 537S-540S. Avula B, Upparapalli SK, Navarette A, Khan IA. 2005. Simultaneous quantification of adrenergic amines and flavonoids in *C. aurantium*, various *Citrus* species, and dietary supplements by liquid chromatography. *J. AOAC Int.* 88(6): 1593-1606.

Tang L. L., Wang R., Tang X. C. (2005). Effects of huperzine A on secretion of nerve growth factor in cultured rat cortical astrocytes and neurite outgrowth in rat PC12 cells. *Acta Pharmacol. Sin.* 26, 673–67810.

Tuszynski M. H., Sang H., Yoshida K., Gage F. H. (1991). Recombinant human nerve growth factor infusions prevent cholinergic neuronal degeneration in the adult primate brain. *Ann. Neurol.* 30, 625–63610.

Wang C. Y., Zheng W., Wang T., Xie J. W., Wang S. L., Zhao B. L., et al. (2011). Huperzine A activates Wnt/β-catenin signaling and enhances the nonamyloidogenic pathway in an Alzheimer transgenic mouse model. *Neuropharmacology* 56, 1073–108910.

Wang L. M., Han Y. F., Tang X. C. (2000). Huperzine A improves cognitive deficits caused by chronic cerebral hypoperfusion in rats. *Eur. J. Pharmacol.* 398, 65–7210.

Wang R., Xiao X. Q., Tang X. C. (2001a). Huperzine A attenuates hydrogen peroxide-induced apoptosis by regulating expression of apoptosis-related genes in rat PC12 cells. *Neuroreport* 12, 2629–2634.

Wang R., Zhang H. Y., Tang X. C. (2001b). Huperzine A attenuates cognitive dysfunction and neuronal degeneration caused by beta- amyloid protein-(1–40) in rat. *Eur. J. Pharmacol.* 421, 149–15610.1016/S0014-2999(01)01030-5.

Wang X. D., Zhang J. M., Yang H. H., Hu G. Y. (1999). Modulation of NMDA receptor by huperzine A in rat cerebral cortex. *Acta Pharmacol. Sin.* 20, 31–35.

Wang Y. E., Yue D. X., Tang X. C. (1986). Anti-cholinesterase activity of huperzine A. [Article in Chinese]. *Zhongguo Yao Li Xue Bao* 7, 110–113.