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Angelica Sinensis Root Extract

National Cancer Institute

Source

National Cancer Institute. *Angelica Sinensis Root Extract*. NCI Thesaurus. Code C60817.

An herbal extract derived from the root of the plant *Angelica sinensis* with possible antiinflammatory, antispasmodic, vasodilatory, estrogenic, and antitumor activities. *Angelica sinensis* contains volatile oils, including safrole, isosafrole, and n-butylphthalide; coumarin derivatives, including psoralens, bergapten, osthol, imperatorin, and oxypeucedanin; and ferulic acid. The coumarin derivatives in this agent may vasodilate and relax smooth muscle and may exhibit additive anticoagulant effects. Ferulic acid, a phenolic phytochemical present in plant cell walls, may neutralize free radicals such as reactive oxygen species. In addition, *Angelica sinensis* extract has been shown to inhibit the growth and induce apoptosis of glioblastoma multiforme brain tumor cells through p53-dependent and p53-independent pathways.