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Scopoletin

National Cancer Institute

Source

National Cancer Institute. *Scopoletin*. NCI Thesaurus. Code C126100.

A coumarin compound found in several plants including those in the genus *Scopolia* and the genus *Brunfelsia*, as well as chicory (*Cichorium*), redstem wormwood (*Artemisia scoparia*), stinging nettle (*Urtica dioica*), passion flower (*Passiflora*), noni (*Morinda citrifolia* fruit) and European black nightshade (*Solanum nigrum*) that is comprised of umbelliferone with a methoxy group substituent at position 6. Scopoletin is used to standardize and establish pharmacokinetic properties for products derived from the plants that produce it, such as noni extract. Although the mechanism(s) of action have not yet been established, this agent has potential antineoplastic, antidopaminergic, antioxidant, anti-inflammatory and anticholinesterase effects.