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Bufofenin

National Cancer Institute

Source

National Cancer Institute. *Bufofenin*. NCI Thesaurus. Code C77829.

A bufadienolide toxin originally isolated from the venom of the Chinese toad *Bufo gargarizans*; it is also one of the glycosides in the traditional Chinese medicine ChanSu, with potential cardiotonic activity. Although the mechanism of action of bufofenin is still under investigation, this agent is a specific Na⁺/K⁺-ATPase inhibitor and has been shown to reduce blood pressure in a rat model of preeclampsia.