

[Open Peer Review on Qeios](#)

# HuaChanSu

National Cancer Institute

## Source

National Cancer Institute. *HuaChanSu*. NCI Thesaurus. Code C82415.

A traditional Chinese medicine (TCM) containing a water soluble Bufo toad skin extract that includes the cardiac glycosides bufalin, cinobufagin and resibufogenin with potential antineoplastic and antiangiogenic activities. Although the exact mechanism of action of this TCM has yet to be fully elucidated, huachansu, which may be administered in an injectable form, may induce cell cycle arrest and apoptosis by suppressing the expression of anti-apoptotic proteins, such as Bcl-2, while inducing the expression of pro-apoptotic proteins, such as BAX.