

REVIVIN

G1-S INHIBITOR

This dietary supplement has been shown to exhibit a significant ED₅₀ (µg/ml) value and a potent broad spectrum of activity when studied *in vitro* amongst several tumor cell lines.

REVIVIN on Human Tumor Cell Lines

ED₅₀ (µg/ml)

♦ MCF7	Breast	0.15	♦ CAK1	Renal	0.26	♦ HL-60	Leukemia	0.30
♦ Hela-S3	Cervical	0.02	♦ HCT-8	Colon	0.13	♦ HOS	Bone	0.20
♦ IA9	Ovarian	0.10	♦ A549	Lung	0.08	♦ KB	Nasopharynx	0.04
♦	Liver [†]	0.60	♦ SK-MEL-2	Melanoma	0.23	♦ KB-VIN*	Nasopharynx	0.70
			♦ PC3	Prostate	0.31			

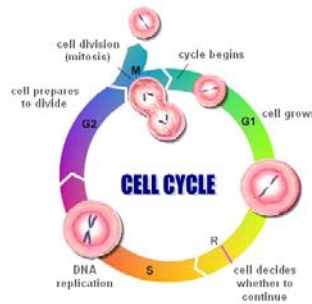
[†]Study in Yang Min Medical School, Taiwan, July 2001.

*Vincristin Resistant

Study led by Dr. Nakanisji and Dr. Bastow at Panacos Pharmaceutical Inc. in MD, Dec. 2001.

Revivin inhibits G1-S transition in Cell Cycle

A disruption in the cell cycle can cause the cell to multiply uncontrollably, forming a tumor. Revivin inhibits this uncontrolled cell replication by blocking the transition from the G1 phase to the S phase.² This ensures that damaged or mutated DNA does not get passed on to daughter cells, in effect, stopping the uncontrolled cell division (cell cycle arrest).



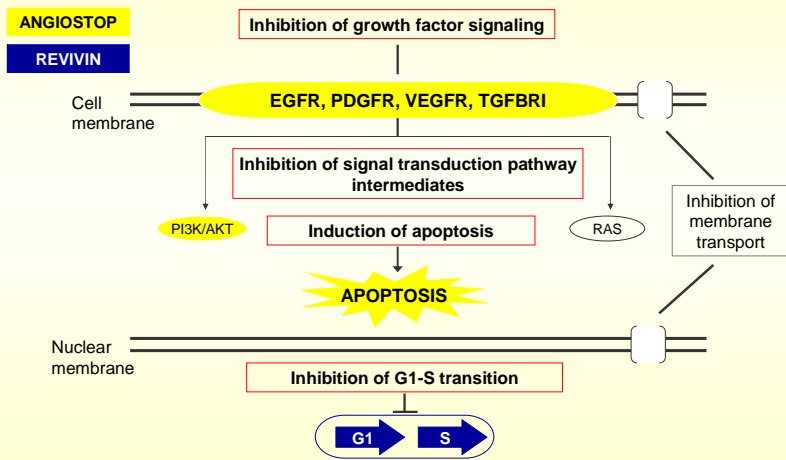
LD₅₀ > 10g/kg

Main ingredient: Bolbostemma
Dose: 2 capsules, 2-3 times after meals

Revivin suppressed Glioblastoma U87MG Cells in Mice at IC₅₀ of 3.6 µM¹

Revivin increased survival rate by 55% in rats with P388 leukemia.

Targets for Anti-Cancer Agents



Revivin and Angiostop Combination for Best Results

For best results, Revivin should be used with Angiostop, a supplement that blocks growth factor signaling, induces apoptosis and attacks cancer at the DNA level. This results in a more comprehensive cancer inhibition therapy.

References:

- (1) Bioorganic & Medicinal Chemistry Letters. 2006; 16(17): 4575-80;
- (2) Chinese Journal of Cancer. 2002; 21(4):346-350.



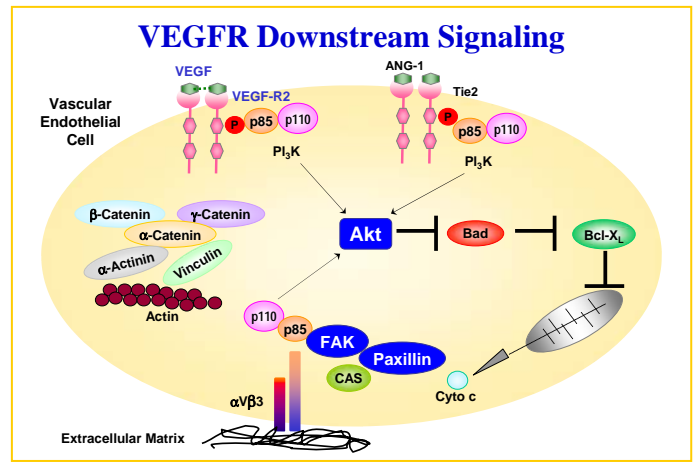
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*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, prevent, treat or cure any diseases.

ANGIOSTOP inhibits RTK, ANGIOGENESIS, TOPOISOMERASE II

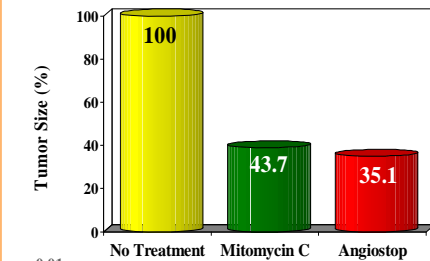
- Angiostop inhibits four RTKs to block angiogenesis
 - VEGFR, EGFR, PDGFR, FGFR**
 - Also inhibits VEGFR downstream signaling (**Akt, FAK, Paxillin, ERK**). Inhibition of downstream signaling (especially Akt) is vital to fully suppress angiogenesis.
- Angiostop inhibits Topoisomerase II
 - Causes DNA double helix to break, stopping cell division and leading to apoptosis
 - Strength is the same as, if not better than, VP-16 (etoposide), a Topoisomerase II inhibitor drug



Case Reports

- K. Greenawalt, DC from VA, has a 53 y/o/m patient with prostate cancer with a **PSA level of 12**. Needle biopsies in 2 areas of his prostate revealed **high-grade Prostatic Intraepithelial Neoplasia**. About 6 months on Angiostop, Revivin and Myomin, his PSA dropped to 6. A month later, another biopsy showed that his neoplasia is negative. Another six months later, his PSA further dropped to 3.06
- J. Weber, DC from NY, has a 55 y/o/m patient who had **prostate cancer**, diagnosed by a biopsy. His PSA at the time of diagnosis was 4.69. After 4 months on the Angiostop, Revivin and Myomin, his PSA level reduced to 3.3. An ultrasound and a digital rectal exam found no sign of the tumor.
- J. Privitera, MD from CA, has a 60 y/o/f patient diagnosed with **breast cancer**. Her CA 27.29 was 47. She then used Angiostop, Revivin and Myomin. After 2 1/2 months, her CA 27.29 has reduced to 36. She's doing better and even working full time.
- V. Rakitin, ND from IL, has a 45 y/o/f patient with **non-Hodgkin's lymphoma** with tumors in the armpit, neck and under the rib. She immediately started on Angiostop, Revivin, Asparagus Ext and Reishi Spore Ext. On the 3rd week, she started 3 courses of chemo. After 6 weeks, her tumors cleared. Her doctor says that normally it takes 6 months, not 6 weeks, to reduce the size of the tumors with chemo. Evidently, chemo and the herbs have a synergistic effect, significantly shortening the treatment period.
- G. Farkas, MD from CA, has a patient with **colorectal cancer that metastasized to the liver and lung**. After using Avastin + 5FU for 5 weeks (3 treatments), his CEA reduced from 8 to 6.9. Then he added Angiostop and Revivin. After 4 weeks, his CEA level further dropped to 3.6.
- G. Dillague, MD from CA, has a 47 y/o/f patient with a **brain tumor** (35 mm diameter). She did not experience any progress after undergoing chemo and suffered from severe weakness and cognitive impairment. She had given up on chemo when she started on Angiostop, Revivin and Reishi Spore Extract. After 3 months, the tumor reduced to 7mm in diameter. Her energy increased and her mental processes improved tremendously. **Angiostop crosses the brain-blood barrier.**
- R. Welch, DC from CA, has a 70 y/o/m patient diagnosed with **squamous cell carcinoma on his tongue** in 8/2000. Wolfe, MD, had the cancer removed. Nine months later a very large tumor was found on his neck. Dr. Wolfe had the tumor removed. He then had 6 radiation treatments but he could not stand the side effects anymore. In 8/2001, Dr. Welch suggested Angiostop, Revivin, etc., for 1 1/2 years. Later, Dr. Wolfe examines R.C. and reports that he has beaten all odds—the cancer had disappeared.
- K.O., 65 y/o/m from HI, was diagnosed with **metastatic lung cancer**. There are 2 large lesions in his lungs, 7 tumors in his brain and tumors in his lymph nodes. Chemo for 3 months was not much help. Then he started on Angiostop, Revivin, Reishi Spore Extract and Asparagus Extract. After 5 months, the brain tumors are fewer (now only 2 tumors), the lung lesions have reduced in size, and all tumors in the lymph nodes have cleared.
- B.S., a 71 y/o/f from CA, had **colorectal cancer** in 2001 that **spread to her pancreas and liver**. Her doctors had given up on her. She has been on Angiostop, Revivin, Reishi Spore Extract, etc., since May 2002. Now, 6 years later, she's cancer-free and doing excellently.

Angiostop vs. Mitomycin C for Prostate Cancer Tumor Regression *in vivo* (28 days)



As a reference, tumor size without treatment is at 100%. With Mitomycin C, tumor size is 43.7% less. **With Angiostop, tumor size is significantly reduced at 35.1%.**

ANGIOSTOP + REVIVIN + MYOMIN FOR BREAST & PROSTATE CANCER

Many studies show a strong link between estrogen and prostate cancer

(Basic Clin Pharm Toxicol. 2008 Feb; 102(2):134-8)

This combination targets the cancer in 3 ways. Angiostop **inhibits angiogenesis and RTKs**, causing cancer starvation and eventual apoptosis. Revivin blocks the G1-S pathway, thereby inducing **cell cycle arrest and apoptosis**. Estrogen dominance, which is fueling cancer growth, is reduced through **aromatase inhibition** (Myomin).