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Beauvericin

National Cancer Institute

Source

National Cancer Institute. *Beauvericin*. NCI Thesaurus. Code C1011.

A cyclic hexadepsipeptide antibiotic and mycotoxin isolated from the fungus *Beauveria bassiana* and various *Fusarium* fungal species. As a potassium-specific ionophore, beauvericin A increases intracellular calcium concentrations and triggers DNA fragmentation and apoptosis through a calcium dependent caspase 3-sensitive pathway. This agent has been studied as a potential antineoplastic agent. (NCI04)