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Ipomeanol

National Cancer Institute

Source

National Cancer Institute. Ipomeanol. NCI Thesaurus. Code C976.

A natural toxic furan isolated from a fungus-infected sweet potato (*Ipomoea batatas*) with potential antineoplastic activity. Ipomeanol is activated by mixed function oxidases in vivo to its epoxide form, an alkylating agent that covalently binds cell macromolecules. This agent causes cell death by a p53-independent mechanism. (NCI04)