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Ingenol Mebutate

National Cancer Institute

Source

National Cancer Institute. *Ingenol Mebutate*. NCI Thesaurus. Code C48398.

A selective small-molecule activator of protein kinase C (PKC) isolated from the plant *Euphorbia peplus* with potential antineoplastic activity. Ingenol mebutate activates various protein kinase C (PKC) isoforms, thereby inducing apoptosis in some tumor cells, including myeloid leukemia cells, melanoma cells, and basal cell carcinoma cells. The PKC family consists of signaling isoenzymes that regulate many cell processes including proliferation, differentiation, and apoptosis.