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Safingol

National Cancer Institute

Source

National Cancer Institute. *Safingol*. NCI Thesaurus. Code C1568.

A saturated derivative of sphingosine. As an inhibitor of protein kinase C (PKC), safingol competitively binds to the regulatory phorbol-binding domain of PKC, a kinase involved in tumorigenesis. This agent has been shown to act synergistically with other chemotherapeutic agents and may potentiate chemotherapy drug-induced apoptosis in vitro and in vivo.