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Akt Inhibitor SR13668

National Cancer Institute

Source

National Cancer Institute. *Akt Inhibitor SR13668*. NCI Thesaurus. Code C85448.

An orally bioavailable indole-3-carbinol (I3C) analogue inhibitor of the serine/threonine protein kinase Akt (protein kinase B) with potential antineoplastic and antiangiogenic activities. Akt inhibitor SR13668 binds to and inhibits the activity of Akt, which may result in inhibition of the PI3K/Akt signaling pathway and tumor cell proliferation, and the induction of tumor cell apoptosis. Activation of the PI3K/Akt signaling pathway is frequently associated with tumorigenesis and dysregulated PI3K/Akt signaling may contribute to tumor resistance to a variety of antineoplastic agents.