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MTOR Kinase Inhibitor CC-223

National Cancer Institute

Source

National Cancer Institute. *mTOR Kinase Inhibitor CC-223*. NCI Thesaurus. Code C92575.

An orally available inhibitor of the mammalian target of rapamycin (mTOR) with potential antineoplastic activity. mTOR kinase inhibitor CC-223 inhibits the activity of mTOR, which may result in the induction of tumor cell apoptosis and a decrease in tumor cell proliferation. mTOR, a serine/threonine kinase that is upregulated in a variety of tumors, plays an important role downstream in the PI3K/AKT/mTOR signaling pathway, which is frequently dysregulated in human cancers.