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# Pan-RAF Inhibitor LY3009120

National Cancer Institute

## Source

National Cancer Institute. *Pan-RAF Inhibitor LY3009120*. NCI Thesaurus. Code C116861.

An orally available inhibitor of all members of the serine/threonine protein kinase Raf family, including A-Raf, B-Raf and C-Raf protein kinases, with potential antineoplastic activity. Upon administration, pan-RAF kinase inhibitor LY3009120 inhibits Raf-mediated signal transduction pathways, which may inhibit tumor cell growth. Raf protein kinases play a key role in the RAF/mitogen-activated protein kinase kinase (MEK)/extracellular signal-regulated kinase (ERK) signaling pathway, which is often dysregulated in human cancers and plays a key role in tumor cell proliferation and survival.