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ERK Inhibitor GDC-0994

National Cancer Institute

Source

National Cancer Institute. *ERK Inhibitor GDC-0994*. NCI Thesaurus. Code C107241.

An orally available inhibitor of extracellular signal-regulated kinase (ERK), with potential antineoplastic activity. Upon oral administration, GDC-0994 inhibits both ERK phosphorylation and activation of ERK-mediated signal transduction pathways. This prevents ERK-dependent tumor cell proliferation and survival. The mitogen-activated protein kinase (MAPK)/ERK pathway is upregulated in a variety of tumor cell types and plays a key role in tumor cell proliferation, differentiation and survival.