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Ulixertinib

National Cancer Institute

Source

National Cancer Institute. *Ulixertinib*. NCI Thesaurus. Code C104744.

An orally available inhibitor of extracellular signal-regulated kinase (ERK) 1 and 2, with potential antineoplastic activity. Upon oral administration, ulixertinib inhibits both ERK 1 and 2, thereby preventing the activation of ERK-mediated signal transduction pathways. This results in the inhibition of ERK-dependent tumor cell proliferation and survival. The mitogen-activated protein kinase (MAPK)/ERK pathway is often upregulated in a variety of tumor cell types and plays a key role in tumor cell proliferation, differentiation and survival.