

[Open Peer Review on Qeios](#)

# Encorafenib

National Cancer Institute

## Source

National Cancer Institute. *Encorafenib*. NCI Thesaurus. Code C98283.

An orally available Raf kinase inhibitor with potential antineoplastic activity. Encorafenib specifically inhibits Raf kinase, a serine/threonine enzyme in the RAF/mitogen-activated protein kinase kinase (MEK)/extracellular signal-related kinase (ERK) signaling pathway. By inhibiting the activation of the RAF/MEK/ERK signaling pathway, the administration of LGX818 may result in a decrease in proliferation of tumor cells. The Raf mutation BRAF V600E is frequently upregulated in a variety of human tumors and results in the constitutive activation of the RAF/MEK/ERK signaling pathway that regulates cellular proliferation and survival.