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# MEK Inhibitor GDC-0623

National Cancer Institute

## Source

National Cancer Institute. *MEK Inhibitor GDC-0623*. NCI Thesaurus. Code C95738.

An orally active, selective MEK inhibitor with potential antineoplastic activity. MEK inhibitor GDC-0623 specifically inhibits mitogen-activated protein kinase kinase (MEK or MAP/ERK kinase), resulting in inhibition of growth factor-mediated cell signaling and tumor cell proliferation. MEK is a key component of the RAS/RAF/MEK/ERK signaling pathway that regulates cell growth; constitutive activation of this pathway has been implicated in many cancers.