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B-Raf/VEGFR-2 Inhibitor RAF265

National Cancer Institute

Source

National Cancer Institute. *B-Raf/VEGFR-2 Inhibitor RAF265*. NCI Thesaurus. Code C61311.

An orally bioavailable small molecule with potential antineoplastic activity. CHIR-265 binds and inhibits Raf kinases, which may result in a reduction of tumor cell growth and proliferation, and tumor cell death. In addition, this agent inhibits vascular endothelial growth factor receptor type 2 (VEGFR-2), thereby disrupting tumor angiogenesis. Raf kinases are critical enzymes in the Ras/Raf/MEK/ERK signaling pathway and are frequently upregulated in neoplasms.