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FGFR Inhibitor Debio 1347

National Cancer Institute

Source

National Cancer Institute. *FGFR Inhibitor Debio 1347*. NCI Thesaurus. Code C111988.

An orally bioavailable inhibitor of the fibroblast growth factor receptor subtypes 1 (FGFR-1), 2 (FGFR-2) and 3 (FGFR-3), with potential antineoplastic activity. FGFR inhibitor debio 1347 binds to and inhibits FGFR-1, -2, and -3, which result in the inhibition of FGFR-mediated signal transduction pathways. This leads to the inhibition of both tumor cell proliferation and angiogenesis, and causes cell death in FGFR-overexpressing tumor cells. FGFR, a family of receptor tyrosine kinases upregulated in many tumor cell types, is essential for tumor cellular proliferation, differentiation and survival.