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# PI3K Inhibitor WX-037

National Cancer Institute

## Source

National Cancer Institute. *PI3K Inhibitor WX-037*. NCI Thesaurus. Code C107386.

A phosphatidylinositol 3-kinase (PI3K) inhibitor with potential antineoplastic activity. PI3K inhibitor WX-037 specifically inhibits PI3K, which prevents the activation of the PI3K/protein kinase B-mediated signaling pathway. This may result in the inhibition of both tumor cell growth and survival in PI3K-overexpressing tumor cells. Activation of the PI3K signaling pathway is frequently associated with tumorigenesis. Dysregulated PI3K signaling may contribute to tumor resistance to a variety of antineoplastic agents.