

Glossary A-Z

Orale Wirkstoffe U

Umbralisib

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*According to the NCI website, **umbralisib** is an orally bioavailable, selective inhibitor of the delta isoform of the 110 kDa catalytic subunit of class I [phosphoinositide-3 kinases \(PI3K\)](#) with potential antineoplastic activity. Umbralisib inhibits PI3K and prevents the activation of the PI3K/AKT kinase signaling pathway. This decreases proliferation and induces cell death in susceptible tumor cells. Unlike other isoforms of PI3K, PI3K-delta is expressed primarily in tumor cells and cells of the hematopoietic lineage. The targeted inhibition of PI3K-delta allows for PI3K signaling in normal, non-neoplastic cells. PI3K, an enzyme often overexpressed in cancer cells, plays a crucial role in tumor cell regulation and survival. Check for [active clinical trials](#) using this agent. ([NCI Thesaurus](#))*

More Information in English:

[Link to Drug Information Portal, a service of the U.S. National Library of Medicine, National Institutes of Health](#)

[Link to MedlinePlus, a service of the U.S. National Library of Medicine, National Institutes of Health](#)

[Link to National Cancer Institute](#)

[Wiki](#)