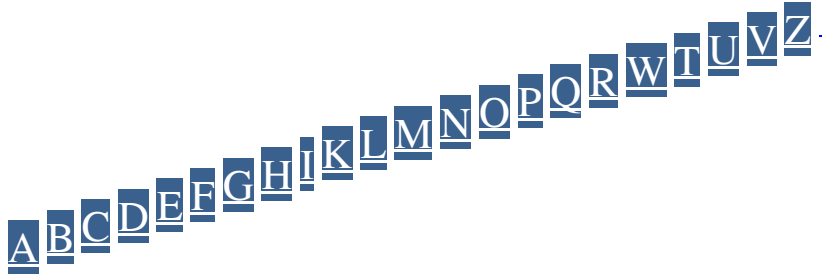


Glossary A-Z

Wirkstoffe U

Ublituximab

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*According to the NCI website, **ublituximab*** is a chimeric recombinant IgG1 monoclonal antibody directed against human [CD20](#) with potential antineoplastic activity. Ublituximab specifically binds to the B cell-specific cell surface antigen CD20, thereby potentially inducing a B cell-directed complement dependent cytotoxicity (CDC) and antibody-dependent cell-mediated cytotoxicity (ADCC) against CD20-expressing B cells, leading to B cell apoptosis. CD20 is a non-glycosylated cell surface phosphoprotein that is exclusively expressed on B cells during most stages of B cell development and is often overexpressed in B-cell malignancies. Ublituximab has a specific glycosylation profile, with a low fucose content, that may enhance its ADCC response against malignant B cells. 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 National Cancer Institute](#)

[Wiki](#)

Umbralisib

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](#)

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