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Asciminib

National Cancer Institute

Source

National Cancer Institute. *Asciminib*. NCI Thesaurus. Code C114494.

An orally bioavailable, allosteric Bcr-Abl tyrosine kinase inhibitor with potential antineoplastic activity. Designed to overcome resistance, ABL001 binds to the Abl portion of the Bcr-Abl fusion protein at a location that is distinct from the ATP-binding domain. This binding results in the inhibition of Bcr-Abl-mediated proliferation and enhanced apoptosis of Philadelphia chromosome-positive (Ph+) hematological malignancies. The Bcr-Abl fusion protein tyrosine kinase is an abnormal enzyme produced by leukemia cells that contain the Philadelphia chromosome.