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# Apricoxib

National Cancer Institute

## Source

National Cancer Institute. *Apricoxib*. NCI Thesaurus. Code C74021.

An orally bioavailable nonsteroidal anti-inflammatory agent (NSAID) with potential antiangiogenic and antineoplastic activities. Apricoxib binds to and inhibits the enzyme cyclooxygenase-2 (COX-2), thereby inhibiting the conversion of arachidonic acid into prostaglandins. Apricoxib-mediated inhibition of COX-2 may induce tumor cell apoptosis and inhibit tumor cell proliferation and tumor angiogenesis. COX-related metabolic pathways may represent crucial regulators of cellular proliferation and angiogenesis.