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Valdecoxib

National Cancer Institute

Source

National Cancer Institute. *Valdecoxib*. NCI Thesaurus. Code C1869.

A sulfonamide derivative and non-steroidal anti-inflammatory drug (NSAID) with anti-inflammatory, analgesic, and antipyretic activities. Valdecoxib selectively binds to and inhibits cyclooxygenase (COX)-2, thereby preventing the conversion of arachidonic acid into prostaglandins, which are involved in the regulation of pain, inflammation, and fever. This NSAID does not inhibit COX-1 at therapeutic concentrations and therefore does not interfere with blood coagulation.