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Ticlopidine

National Cancer Institute

Source

National Cancer Institute. *Ticlopidine*. NCI Thesaurus. Code C61972.

A thienopyridine derivative with anticoagulant activity. Ticlopidine inhibits adenosine-diphosphate (ADP) binding to its platelet receptor. This prevents ADP activation and inhibits platelet expression of the glycoprotein (GP) IIb/IIIa receptors, binding of fibrinogen to platelet glycoprotein GP IIb-IIIa and platelet-platelet interaction. This results in increased bleeding time.