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Argatroban Anhydrous

National Cancer Institute

Source

National Cancer Institute. *Argatroban Anhydrous*. NCI Thesaurus. Code C75153.

The anhydrous form of argatroban, a synthetic derivative of L-arginine with antithrombotic activity. Argatroban is a univalent and direct inhibitor of fibrin-bound thrombin. This agent reversibly binds to the thrombin active site, thereby preventing the thrombin-dependent reactions, which include the conversion of fibrinogen to fibrin; the activation of factors V, VIII and XI; the activation of protein C; and platelet aggregation. Argatroban is highly selective for thrombin and is able to inhibit the action of both free and clot-associated thrombin. As a result, stabilization of blood clots occurs and coagulation is inhibited.