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TAFla Inhibitor DS-1040b

National Cancer Institute

Source

National Cancer Institute. *TAFla Inhibitor DS-1040b*. NCI Thesaurus. Code C148637.

An inhibitor of the activated form of thrombin-activatable fibrinolysis inhibitor (TAFla; carboxypeptidase B2; CPB2), with potential fibrinolytic activity. Upon DS-1040 infusion, this agent binds to and inhibits TAFla. This abrogates TAFla-mediated inhibition of fibrinolysis. This induces fibrinolysis, degrades fibrin clots and prevents thrombus formation. TAFla, a carboxypeptidase that is activated by thrombin, cleaves C-terminal amino acid residues from fibrin, which prevents binding and activation of plasminogen and inhibits plasmin-mediated fibrinolysis.