

Title (en)
THROMBIN MUTEINS AS ANTIDOTES FOR THROMBIN INHIBITORS

Title (de)
THROMBINMUTEINE ALS ANTIDOT FÜR THROMBININHIBITOREN

Title (fr)
MUTEINES DE THROMBINE S'UTILISANT COMME ANTIDOTE D'INHIBITEURS DE THROMBINE

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Abstract (en)
[origin: US6060300A] PCT No. PCT/EP97/00612 Sec. 371 Date Aug. 4, 1998 Sec. 102(e) Date Aug. 4, 1998 PCT Filed Feb. 11, 1997 PCT Pub. No. WO97/29198 PCT Pub. Date Aug. 14, 1997The invention concerns thrombin muteins which have the following differences in their sequences as compared with natural thrombin: (a) the exchange of a Gly after Ala, the Gly being in the sequence environment Tyr-Gly-Phe and having position 558 in natural human thrombin (SEQ ID No. 14); (b) at least one exchange or deletion of the following radicals: (b1) His, located in the sequence environment Ala-His-Cys and having position 363 in natural human thrombin (SEQ ID No. 14); (b2) Asp, located in the sequence environment Arg-Asp-Ile and having position 419 in natural human thrombin (SEQ ID No. 14); (b3) Ser, located in the sequence environment Asp-Ser-Gly and having position 525 in natural human thrombin (SEQ ID No. 14). The invention further concerns the use of these muteins as antidotes.

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