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(54) Title: ANGIOSTATIN AND METHOD OF USE FOR INHIBITION OF ANGIOGENESIS

(57) Abstract

The present invention comprises an endothelial inhibitor and method of use therefor. The endothelial inhibitor is a protein isolated from the blood or urine that is eluted as a single peak from C4-reverse phase high performance liquid chromatography. The endothelial inhibitor is a molecule comprising a protein having a molecular weight of between approximately 38 kilodaltons and 45 kilodaltons as determined by reducing polyacrylamide gel electrophoresis and having an amino acid sequence substantially similar to that of a murine plasminogen fragment beginning at amino acid number 98 of a murine plasminogen molecule.

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