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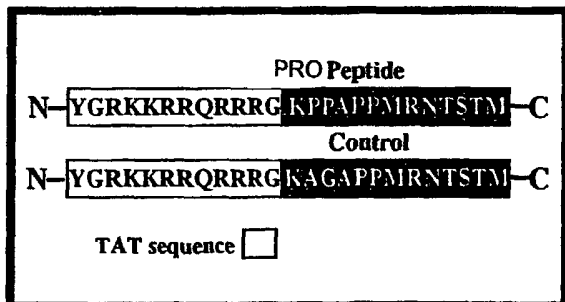
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(54) Title: PEPTIDE-BASED ANGIOGENESIS INHIBITORS AND METHODS OF USE THEREOF



(57) **Abstract:** Angiogenesis inhibitors and methods of use thereof are disclosed. The inhibitors are substantially pure oligopeptides consisting essentially of 7 - 20 amino acid residues and comprising a proline-rich sequence of five amino acid residues PPXPP, SEQ ID NO: 1, wherein X is an amino acid residue selected from the group consisting of alanine, glycine, serine, threonine, valine, leucine and methionine. In a preferred embodiment, the proline-rich polypeptide is covalently bound to a transport molecule such as a Tat-derived transport polypeptide.

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**INTERNATIONAL SEARCH REPORT**

International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61K 38/00  
 US CL : 514/13

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 514/13, 2, 12, 14; 530/324, 327

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| Y          | KIOSSES et al. A Dominant-Native p65 PAK Peptide Inhibits Angiogenesis. Circulation Research. 05 April 2002, Vol. 90, No. 6, pages 697-702, see abstract, page 699 Figure US 6,316,003 B1 (FRANKEL et al.) 13 November 2001 (13.11.2001), see abstract; columns 115-118. | 1-45                  |
| Y          |  | 1-45                  |

Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search

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**Continuation of B. FIELDS SEARCHED Item 3:**  
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