

Title (en)

ANALGESIC PEPTIDES FROM VENOM OF GRAMMOSTOLA SPATULATA AND USE THEREOF

Title (de)

ANALGETISCHE PEPTIDE VOM GIFT DER GRAMMOSTOLA SPATULATA UND DEREN VERWENDUNG

Title (fr)

PEPTIDES ANALGESIQUES EXTRAITS DU VENIN DE LA GRAMMOSTOLA SPATULATA ET LEUR UTILISATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9942480A1] The present invention provides novel methods of treating pain comprising administering to a mammal in need of such treatment an effective analgesic amount of a peptide having the amino acid sequence Tyr-Cys-Gln-Lys-Trp-Leu-Trp-Thr-Cys-Asp-Ser-Glu-Arg-Lys-Cys-Cys-Glu-Asp-Met-Val-Cys-Arg-Leu-Trp-Cys-Lys-Lys-Arg -Leu-NH₂ (SEQ ID NO:1) or Tyr-Cys-Gln-Lys-Trp-Met-Trp-Thr-Cys-Asp-Glu-Glu-Arg-Lys-Cys-Cys-Glu-Gly-Leu-Val-Cys-Arg-Leu -Trp-Cys-Lys-Lys-Lys-Ile-Glu-Trp (SEQ ID NO:2). The invention further provides a purified peptide having the amino acid sequence of SEQ ID NO:1. The peptides of SEQ ID NO:1 and SEQ ID NO:2 can also be used in methods for identifying compounds having analgesia-inducing activity.

IPC 1-7

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IPC 8 full level

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