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(54) Title: TREATMENT OF DISEASES

(57) Abstract: The invention provides a method of inhibiting vascular hyperpermeability in an animal in need thereof. The method comprises administering an effective amount of a diketopiperazme, a prodrug of a diketopiperazme or a pharmaceutically-acceptable salt of either of them to the animal, wherein the diketopiperazme has the formula set forth in the specification. The invention also provides a method of modulating the cytoskeleton of an endothelial cell in an animal. The method comprises administering an effective amount of a diketopiperazme, a prodrug of a diketopiperazme or a pharmaceutically-acceptable salt of either of them to the animal, wherein the diketopiperazme has the formula set forth in the specification. The invention further provides a kit. The kit comprises a diketopiperazme, a prodrug of a diketopiperazme or a pharmaceutically-acceptable salt of either of them to the animal, wherein the diketopiperazme has the formula set forth in the specification.



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