ABSTRACT

A pharmaceutical composition for nasal administration exhibits an improved bioavailability of a biologically active polypeptide, the active ingredient of the pharmaceutical composition. Specifically, the composition is prepared by uniformly dispersing and embedding a biologically active acidic polypeptide having an isoelectric point of 7 or lower on the surfaces of a polyvalent metal compound carrier with the help of an additive capable of dispersing and embedding the polypeptide on the surfaces of the carrier. The polyvalent metal compound carrier is a metal compound with a valent of 2 or higher that is either insoluble or little soluble in water, examples being aluminum compounds, calcium compounds, magnesium compounds, silicone compounds, iron compounds, and zinc compounds.

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