

COMPOSITION FOR TREATING DIABETES MELLITUS COMPRISING INSULIN AND A GLP-1/GLUCAGON DUAL AGONIST

ABSTRACT

The present invention relates to a composition for preventing or treating diabetes mellitus comprising insulin and a GLP-1/glucagon dual agonist, and a method for preventing or treating diabetes mellitus. More specifically, the present composition can inhibit the weight gain and reduce the danger of hypoglycemia due to the administration of insulin, lower the administration dose and greatly improve the compliance of drugs through a combined administration of a long-acting insulin conjugate and a long-acting GLP-1/glucagon dual agonist conjugate. In addition, the long-acting insulin conjugate and the long-acting GLP-1/glucagon dual agonist conjugate according to the present invention can improve the *in vivo* sustainability and stability because an insulin and a GLP-1/glucagon dual agonist are linked to the immunoglobulin Fc region via a non-peptidyl linker.

[Fig.1]