

Supplementary Materials: Systemic Delivery of hGhrelin Derivative by Lyophilizate for Dry Powder Inhalation System in Monkeys

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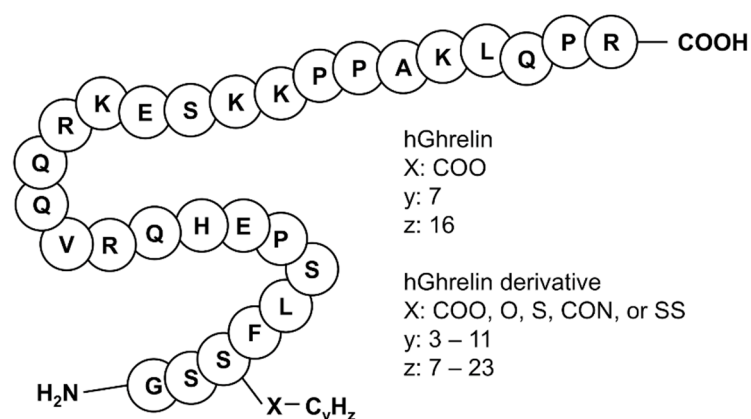


Figure S1: Chemical structure of hGhrelin derivative.

Activity of human ghrelin (hGhrelin) is expressed by *O*-*n*-octanoylation at the 3rd serine residue, but the ester bond is easily cleaved in blood plasma. The ester bond or the lipidic regions of hGhrelin derivative are modified so that it is less likely to be des-acylated. A, Alanine; E, Glutamic acid; G, Glycine; F, Phenylalanine; H, Histidine; K, Lysine; L, Leucine; P, Proline; Q, Glutamine; R, Arginine; S, Serine; V, Valine.