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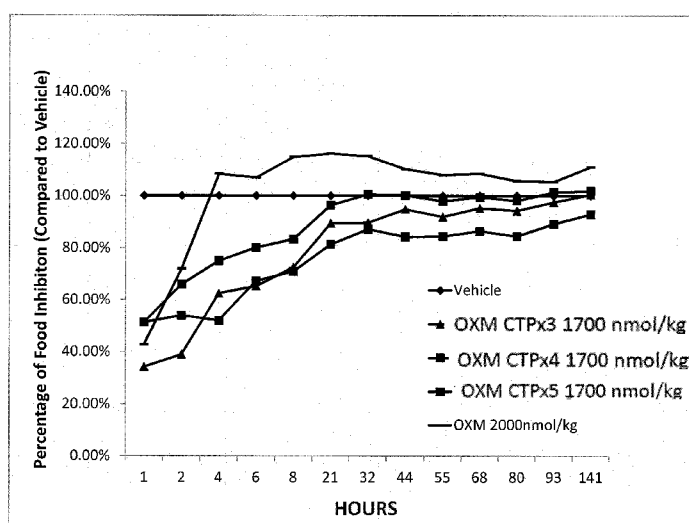


Figure 5A

(57) Abstract: This invention is directed to a chorionic gonadotrophin carboxy terminal peptide (CTP)modified dual GLP-1/Glucagon receptor agonist, and methods of producing and using the same. In one embodiment, the present invention provides a CTP-modified polypeptide comprising a dual GLP-1/Glucagon receptor agonist and at least one chorionic gonadotrophin carboxy terminal peptide (CTP) attached to the amino terminus or carboxy terminus of said agonist.