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(54) Title: NON-NATURALLY OCCURRING MELANOCORTIN ANALOGS AND USES THEREOF FOR MODULATING WEIGHT GAIN

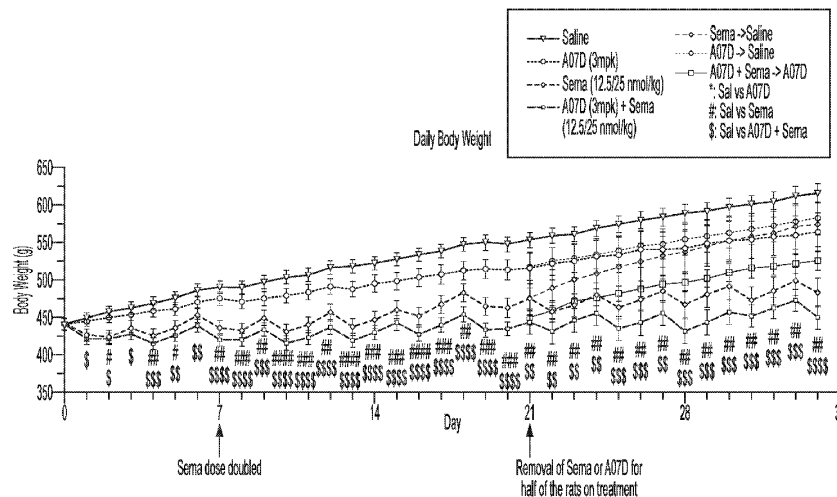


Fig. 4A

(57) Abstract: Provided herein are methods of reducing body weight and/or fat mass in a subject in need thereof, comprising administering to the subject a non-naturally occurring melanocortin analog alone or in combination with a weight loss agent. The methods reduce lean mass loss, maintain lean mass, or promote lean mass gain in the subject. The methods also reduce adverse effects associated with weight loss agents and/or melanocortin analogs.

[Continued on next page]

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