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(54) Title: STABILIZED EXENDIN-4 COMPOUNDS

(57) Abstract: The present invention disclosed compositions comprising a stabilized Exendin-4 (1-39) and related compounds. The invention describes stabilized Exendin-4 agonists that include at least one modified amino acid residue particularly at positions Gln 13, Met14, Trp25, or Asn28 of the Exendin-4 (1-39) molecule. Disclosed are preferred modifications of deaminated, hydrolyzed, oxidized, or isomerized reaction products of the specified amino acid residues corresponding to the same positions in the Exendin-4 molecule. The invention also relates to methods of making and using the stabilized Exendin compounds, such as for the treatment of diabetes.