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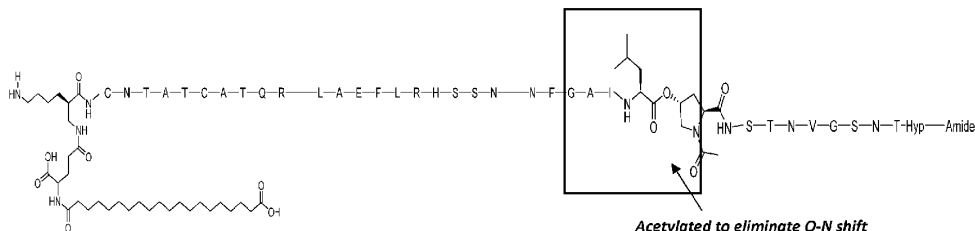
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5129 O-XCNTA-TCATQ-RLAEF-LRHSS-NNFGA-ILZST-NVGSN-TZ-NH2
5143 O-XCNTA-TCATQ-RLAEF-LRHSS-NNFGA-ILBST-NVGSN-TZ-NH2
5145 O-XCNTA-TCATQ-RLAEF-LRHSS-NNFGA-ILSBT-NVGSN-TZ-NH2

X = beta,lysine
Z = L,4-Hyp(Trans)
B = L,4-Hyp(Trans)acetyl,isoacyl

Fig. 17A

(57) Abstract: Peptides that exhibit amylin and calcitonin receptor agonist activity (DACRAs) are provided as well as prodrug derivatives thereof. Analogs having enhanced agonist selectivity for the calcitonin receptor relative to amylin are also provided as well as conjugates of the DACRA peptides with incretin peptides. Pharmaceutical compositions comprising such peptide analogs and therapeutic methods of using such peptide analogs are also provided.

[Continued on next page]

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