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(71) Applicant: INDIANA UNIVERSITY RESEARCH AND
TECHNOLOGY CORPORATION [US/US]; 107 South
Indiana Avenue, Bloomington, Indiana 47405 (US).

(72) Inventors: DIMARCHI, Richard D.; 10890 Wilmington
Drive, Carmel, Indiana 46033 (US). TINSLEY, Ian; 107
South Indiana Avenue, Bloomington, Indiana 47405 (US).

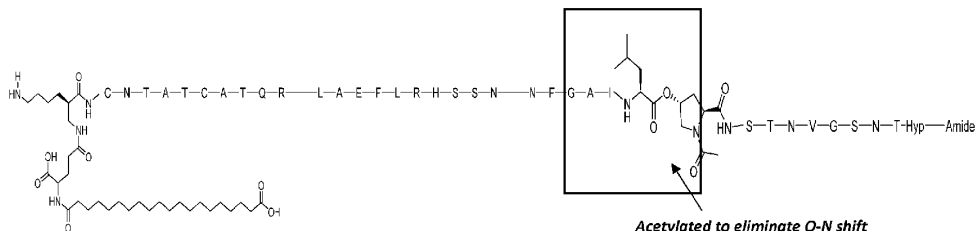
ZHANG, Yujin; 107 South Indiana Avenue, Bloomington,
Indiana 47405 (US).

(74) Agent: BREEN, John P.; BARNES & THORNBURG
LLP, 11 South Meridian Street, Indianapolis, Indiana 46204
(US).

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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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