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(71) Applicant: INNOVENT BIOLOGICS (SUZHOU) CO.,
LTD. [CN/CN]; 168 Dongping Street, Suzhou Industrial
Park, Suzhou, Jiangsu 215123 (CN).

(72) Inventors: YANG, Huameng; 168 Dongping Street,
Suzhou Industrial Park, Suzhou, Jiangsu 215123 (CN).
DONG, Bo; 168 Dongping Street, Suzhou Industrial Park,
Suzhou, Jiangsu 215123 (CN). SHI, Dongyang; 168
Dongping Street, Suzhou Industrial Park, Suzhou, Jiangsu
215123 (CN).

(74) Agent: WU, FENG & ZHANG; 3 Fl, Building 4, Yard 38,
Lin Feng Er Lu Road, Greenland Central Square, Haidian
District, Beijing 100089 (CN).

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(54) Title: INTERMEDIATE FOR PREPARING GLUCAGON AND GLP-1 DUAL AGONIST AND PREPARATION METHOD THEREFOR

(57) Abstract: Provided are a novel intermediate and a method useful in the manufacture of mazdutide or a pharmaceutically acceptable salt thereof. In the method, a coupling of Fmoc-Gly-Gly-OH is used instead of a one-by-one coupling of Fmoc-Gly-OH, and an OSU activated ester of a side chain synthesized by DIC/HOSu is directly coupled with a peptide chain, such that the reaction period is shortened, and possible racemization and impurities are reduced, resulting in fewer steps, while maintaining and improving quality and purity.

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