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(54) Title: A PROCESS FOR PREPARATION OF INSULIN COMPOUNDS

(57) Abstract: The present invention relates to the preparation of insulin compounds including their analogs or derivatives thereof from their corresponding precursor forms by a one step enzymatic reaction involving the combinatorial and concurrent use of optimal quantities of trypsin and carboxypeptidase B that work synergistically directing the reaction in a controlled manner to avoid production of random undesired byproducts. Particularly, the enzymatic conversion reactions of the instant invention offer advantages of reduction in the number operational steps, higher yield and purity of the desired end products.



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