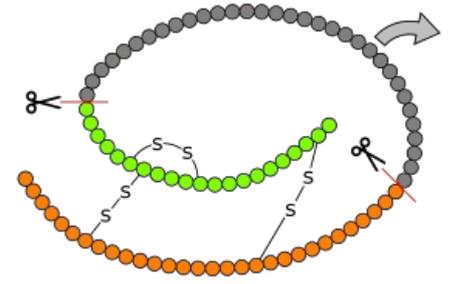


# C-peptide

C-peptide is the part of the **proinsulin** molecule that is cleaved before insulin secretion. Its serum concentration corresponds to insulin secretion. It is not taken up by the liver and, as there is no C-peptide in the injected insulin, the results are not affected by the treatment. It crosses the **glomerular membrane** and therefore its concentration increases in renal insufficiency.



Proinsulin schematic topological diagram