(a)

side chain

R

H
N — C$_\alpha$ — C' — OH
H   H   O

amino group   carboxyl group

N

Trp. Tryptophan

(b)

peptide bond

R$_1$

--- N — C$_\alpha$ — C' — N — C$_\alpha$ — C' ---
    H   H   O   H   H   O
                            R$_2$

n   n+1