

Copy of a printed molecular diagram referenced as "Representative amino acids"

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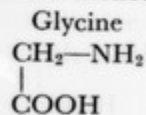
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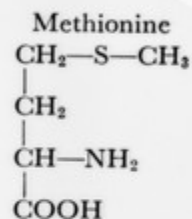
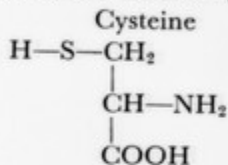


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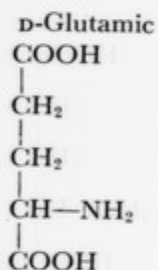
A. Monoamino-monocarboxylic:



D. Sulfur containing:

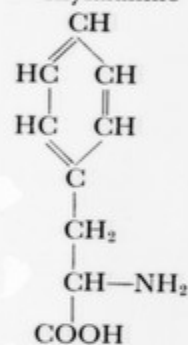


B. Monoamino-dicarboxylic:

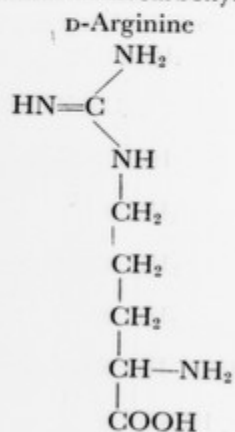


E. Aromatic:

Phenylalanine

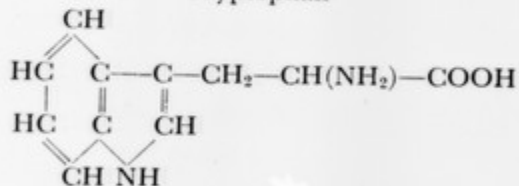


C. Diamino-monocarboxylic:



F. Heterocyclic:

Tryptophan



Representative amino acids.

molecule, whereas others, such as albumin, contain relatively many. The absorption of ultraviolet radiation at 2800 Å, an absorption which depends upon the aromatic amino acid content of a protein, is therefore much greater for albumin than for gelatin. In histone a larger proportion of basic amino acids is present, while in myosin a larger proportion of acidic ones is found. Sulfur-containing amino acids are completely absent from histone, and few are present per molecule of gelatin. Although