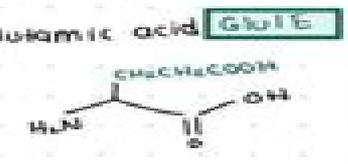


BIOCHEM

MEMORIZE

→ AMINO ACIDS

acidic - very charged

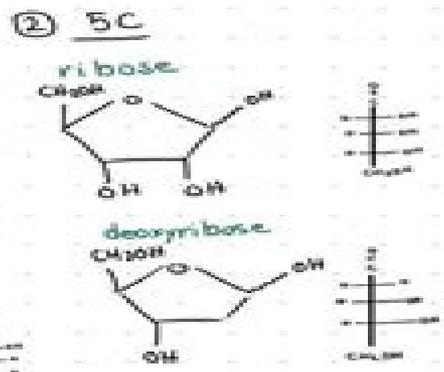
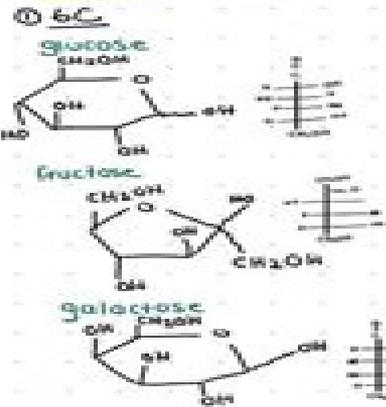


sulfur containing

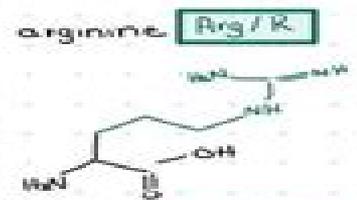


→ CARBOHYDRATES

monosaccharides



highest - smallest - most polar basic - very charged



hydrophobic - aliphatic → aromatic



polar amino acids



unique



disaccharides

- ① maltose = glucose + glucose
reducing α-1-4
- ② sucrose = glucose + fructose
non reducing 1-2
- ③ lactose = glucose + galactose
reducing β-1-4

polysaccharides

- ① glycogen = α-1-4 and α-1-6 branching
★ energy storage in animals
- ② starch = α-1-4 and α-1-6 branching
★ energy storage in plants
- ③ cellulose = β bonds
★ cell walls in plants

Biochem

D Siedentop



Biochem :

Biochemistry David E. Metzler, Carol M. Metzler, 2001-03-23 Biochemistry The Chemical Reactions of Living Cells is a well integrated up to date reference for basic biochemistry associated chemistry and underlying biological phenomena Biochemistry is a comprehensive account of the chemical basis of life describing the amazingly complex structures of the compounds that make up cells the forces that hold them together and the chemical reactions that allow for recognition signaling and movement This book contains information on the human body its genome and the action of muscles eyes and the brain It also features thousands of literature references that provide introduction to current research as well as historical background twice the number of chapters of the first edition and each chapter contains boxes of information on topics of general interest Publisher description

Practical Handbook of Biochemistry and Molecular Biology Gerald D. Fasman, 1989-03-31 Methodologies and databases for biochemistry and molecular biology are included in this easy to use laboratory reference Its logical presentation enables the reader to quickly and conveniently locate the information relevant to his or her needs Featured are tables containing data on amino acids proteins nucleosides nucleotides and nucleic acids Also featured are lipids and physical chemical data Edited by a leading professional in the field this compact yet comprehensive bench manual serves as the definitive reference source for your laboratory

Handbook of Biochemistry Gerald D Fasman, 2019-01-15 This first volume contains data on amino acids which consists of the coefficients of solubility in water heat capacities entropies of formation and heats of combustion Specific gravity liquids sucrose solution CsCl solution isokinetic glycerol and sucrose gradients for density gradient centrifugation and the temperature dependence for select compounds are included

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Journal of the Association of Official Agricultural Chemists Association of Official Analytical Chemists, 1930 Includes the Proceedings of the 30th 57th 1913 40 annual convention of the association Earlier proceedings were issued as Bulletins of the U S Dept of Agriculture Bureau of Chemistry

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In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Biochem** ," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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