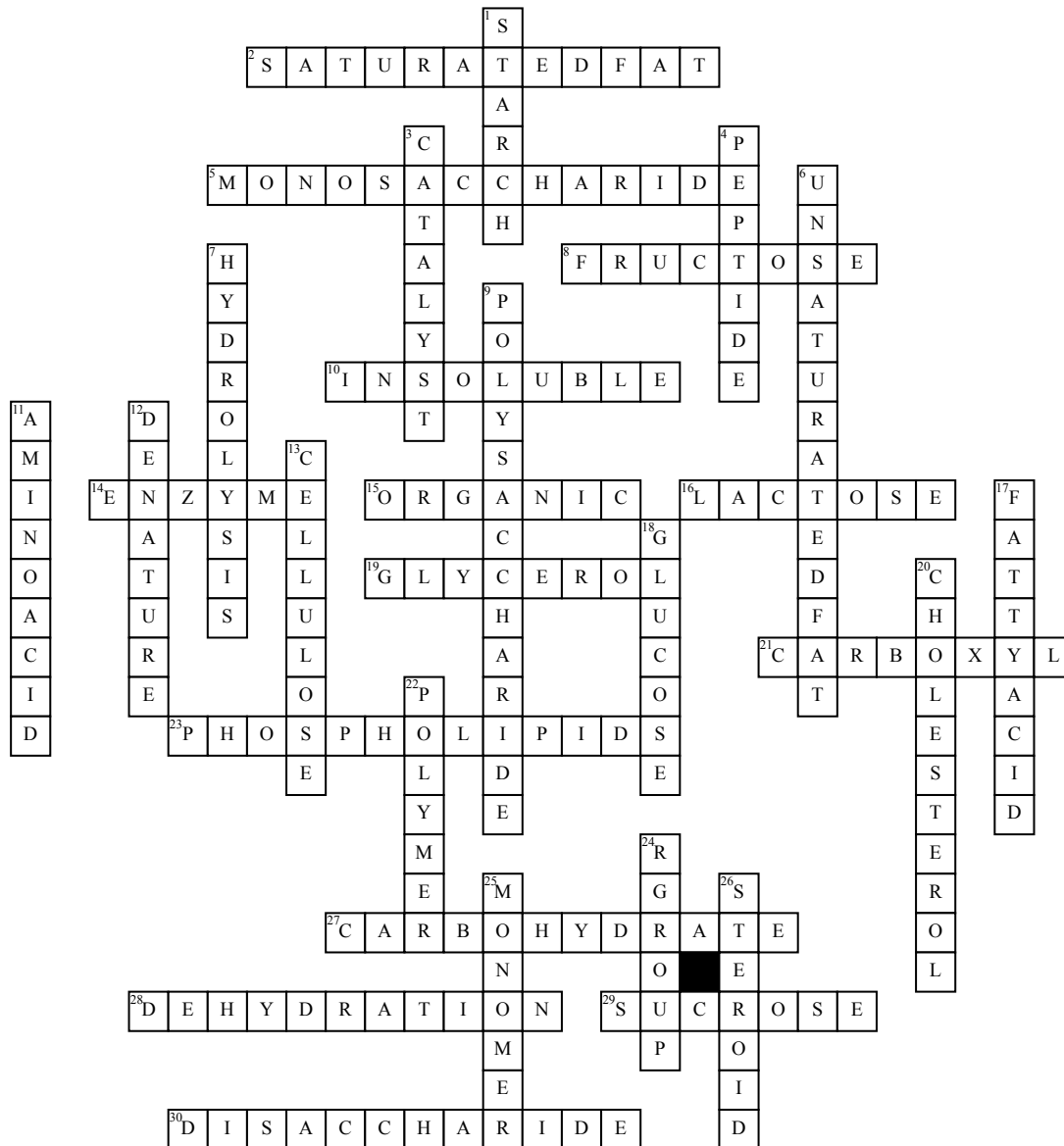


Name: \_\_\_\_\_

# Biochemistry crossword puzzle



## Across

2. a fatty acid with all potential hydrogen binding sites filled
5. a simple sugar
8. a hexose sugar found especially in honey and fruit
10. something that can not be dissolved
14. used as a catalyst in a specific biochemical reaction
15. any substance containing a carbon based compound
16. the major sugar in human and bovine milk
19. used for making explosives and antifreeze
21. present in most organic acids
23. the process by which living cells that contain chlorophyll use light energy to make organic compounds

27. hydrogen and oxygen atoms in a 2:1 ratio
28. excessive loss of bottled water
29. used as a sweetening agent
30. a sugar or a carbohydrate, composed of two monosaccharides

## Down

1. potatoes, seeds, bulbs, and tubers
3. promotes a reaction
4. compound consisting of amino acids
6. a fat that contains a double bond
7. a statement suggesting an explanation for an observation or an answer
9. any of a class of carbohydrates formed by repeating units
11. building blocks for life
12. alter the natural qualities of something
13. carbohydrate found in cell walls

17. derived from the breakdown of fats through hydrolysis

18. sugar that serves as the main source of energy for most living things
20. a lipid associated particularly with animal plasma
22. a compound made up of several repeating units
24. an abbreviation for a group where a carbon or hydrogen atom is attached to the rest of the molecule
25. a molecule that may react chemically to another molecule of the same type to form a larger molecule
26. a group name for lipids that contain a hydrogenated ring system