

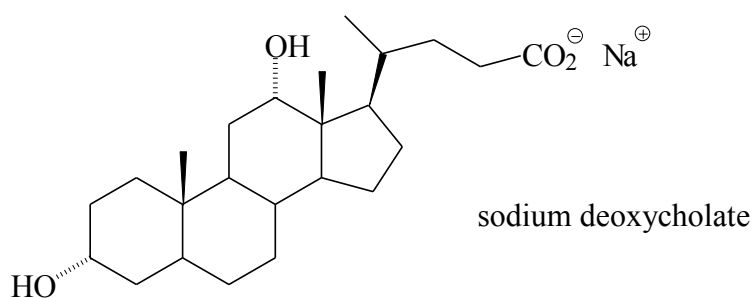
Marks
3

- Give three examples of colloids in biological systems, and complete the following table. Paint is given as an example of a synthetic (non-biological) system.

Name of colloid	Discrete phase	Continuous phase
<i>paint</i>	<i>synthetic polymer</i>	<i>water</i>

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- One of the components of bile acid is sodium deoxycholate, whose structure is given below.



Which one of the following terms: *electrostatic*, *electrosteric* or *steric*, best describes the way sodium deoxycholate functions to solubilise fats. Give a brief explanation.