

REVISED

Written Answer:

Q1002

Question: The Ca^{2+} concentration in the cytosol is low. How does this low concentration help maintain the membrane potential?

Answer: Membrane potential is an electrical potential for the separation of ions.

1. The cell uses active membrane pumping.
2. Electrogenic pumps utilize the energy produced by the third.
3. The potential produced is sufficient to drive the fourth.
4. The membrane potential produced increases energy available for pumps.
5. The membrane potential is directly related to the fourth.
6. The membrane potential is directly related to the fourth.
7. The membrane potential is directly related to the fourth.
8. The membrane potential is directly related to the fourth.
9. The membrane potential is directly related to the fourth.
10. The membrane potential is directly related to the fourth.

Question: The cell membrane potential is low. How does this low concentration help maintain the membrane potential?

Discussion: why they are common

There are several reasons for this. The first is that the cell membrane is not a perfect barrier. It is made up of lipids, which are not perfectly impermeable to ions.

The second reason is that the cell membrane is not perfectly impermeable to ions. It is made up of lipids, which are not perfectly impermeable to ions.

The third reason is that the cell membrane is not perfectly impermeable to ions. It is made up of lipids, which are not perfectly impermeable to ions.

Discussion: why they are common

The first reason is that the cell membrane is not a perfect barrier. It is made up of lipids, which are not perfectly impermeable to ions.

The second reason is that the cell membrane is not perfectly impermeable to ions. It is made up of lipids, which are not perfectly impermeable to ions.