

Temperature characterization of the conductance of the excitability inducing material channel in oxidized cholesterol membranes

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The temperature dependence of the voltage-dependent excitability inducing material channel has been studied in thin lipid membranes containing only channel. It is shown that the conductance of the open configuration has a temperature dependence that is just that expected from the temperature dependence of the bathing electrolyte. The conductance of the closed channel decreases increasing temperature. © 1974.