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Proton Pump Interaction

National Cancer Institute

Source

National Cancer Institute. *Proton Pump Interaction*. NCI Thesaurus. Code C40535.

Proton Pump Interaction consists of temporary non-covalent binding of a molecule through intermolecular physical forces of attraction with a membrane associated enzyme, or complex, involved in ATP-dependent transmembrane transport of protons against a concentration gradient, often in exchange for other cations, resulting directly from the expenditure of energy.