Geranylgeraniol is a diterpene alcohol that is a cell permeable analog of geranylgeranyl pyrophosphate; it is used in the biosynthesis of vitamin E, vitamin K, and other diterpenes. Geranylgeraniol is a bee pheromone and a substrate for geranylgeranyl transferase. This compound exhibits anticancer, antibacterial, and cytoprotective activities. Geranylgeraniol induces apoptosis and inhibits growth of various tumor cells. Separately, geranylgeraniol inhibits growth of Mycobacterium in vitro and protects monocytes against statin-induced cytotoxicity.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.