Zosuquidar Trihydrochloride

National Cancer Institute

Source

A difluorocyclopropyl quinoline. Zosuquidar trihydrochloride binds with high affinity to P-glycoprotein and inhibits P-glycoprotein-mediated multidrug resistance (MDR). P-glycoprotein, encoded by the MDR-1 gene, is a member of the ATP-binding cassette superfamily of transmembrane transporters and prevents the intracellular accumulation of many natural product-derived cytotoxic agents. (NCI04)