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Encequidar

National Cancer Institute

Source

National Cancer Institute. *Encequidar*. NCI Thesaurus. Code C111994.

An inhibitor of the adenosine triphosphate (ATP)-binding cassette (ABC) transporter P-glycoprotein (P-gp), with adjuvant activity. Upon oral administration, encequidar selectively binds to and inhibits the multidrug resistance (MDR) efflux pump P-gp, which prevents the efflux of various chemotherapeutic agents from intestinal epithelial cells to the gastrointestinal tract. This leads to an increase in both oral bioavailability and therapeutic efficacy. P-gp prevents the intestinal uptake and intracellular accumulation of various cytotoxic agents. Encequidar is not systemically absorbed.