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APF530

National Cancer Institute

Source

National Cancer Institute. *APF530*. NCI Thesaurus. Code C61567.

A controlled-release formulation of a biodegradable poly(ortho ester) polymer, encapsulating the indazole derivative granisetron, with antiemetic activity. Upon administration of APF530, the polymer slowly erodes and releases the active ingredient granisetron. As a selective serotonin receptor antagonist, granisetron competitively blocks the action of serotonin at 5-hydroxytryptamine₃ (5-HT₃) receptors, resulting in the suppression of nausea and vomiting over a sustained period of time.