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Granisetron Transdermal Patch

National Cancer Institute

Source

National Cancer Institute. *Granisetron Transdermal Patch*. NCI Thesaurus. Code C80377.

A transdermal system containing granisetron, a selective serotonin (5-HT) receptor antagonist, with antiemetic activity. Upon application of the transdermal patch to the skin and subsequent release into the bloodstream, granisetron selectively binds to and blocks the 5-HT subtype 3 (5-HT₃) receptors located in the vagus nerve terminal and in the vomiting center in the central nervous system (CNS). By preventing stimulation of 5-HT₃ receptors, this agent is able to suppress chemotherapy-induced nausea and vomiting.