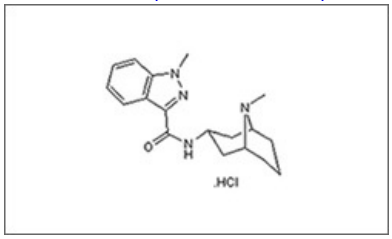
Granisetron

Printed from https://www.cancerquest.org/zh-hans/geihuanzhe/yaowuxinxi/granisetron on 11/08/2026



Brand name: Sancuso®
IUPAC: 1-methyl-N-(9-methyl-9-azabicyclo[3.3.1]nonan-7-yl)indazole-3-carboxamide
FDA approval: Yes
Manufacturer Link
Usage:

Granisetron is used to the prevent nausea and vomiting associated with cytotoxic effects of chemotherapy. Granisetron is administered in pill form or as in injection. 1

1 Sancuso. 2016. http://www.sancuso.com/patient/understanding-cinv/index.html

Mechanism:

Granisetron is a 5-HT3 receptor antagonist, which is used to inhibit nauseous responses caused by chemotherapy. It has a strong affinity for this receptor and little for any other type and by blocking this receptor, granisetron prevents the the vomiting reflex.1

The diagram below shows the 3D molecular structure for Granisetron.

Stick Sphere Cross Rotate

1 Granisetron. MedlinePlus. https://medlineplus.gov/druginfo/meds/a601211.html

Side effects:

The most common side effects associated with the use of Granisetron include headache, stomach pain, heartburn, constipation and trouble sleeping.1

1 Granisetron. MedlinePlus. https://medlineplus.gov/druginfo/meds/a601211.html