

# Rabzoy-DSR

**Composition:** Rabeprazole 20 mg & Domperidone 30 mg Capsule.

**Indication:** Co-Rx with NSAID, GERD, Gastric ulcer

**Mechanism of Action:** **Rabeprazole** belongs to a class of antisecretory compounds (substituted benzimidazole proton-pump inhibitors) that do not exhibit anticholinergic or histamine H<sub>2</sub>-receptor antagonist properties, but suppress gastric acid secretion by inhibiting the gastric H<sup>+</sup>/K<sup>+</sup>ATPase (hydrogen-potassium adenosine triphosphatase) at the secretory surface of the gastric parietal cell.

**Domperidone:** is a peripherally selective dopamine D<sub>2</sub> and D<sub>3</sub> receptor antagonist. ... The drug provides relief from nausea by blocking receptors at the chemoreceptor trigger zone (a location in the nervous system that mediates nausea) at the floor of the fourth ventricle

**Pharmacokinetic's:** **Absorption:** Absolute bioavailability for a 20 mg oral tablet of Rabeprazole (compared to intravenous administration) is approximately 52%.

**Distribution:** Rabeprazole is 96.3% bound to human plasma proteins

**Metabolism:** Rabeprazole is extensively metabolized. A significant portion of Rabeprazole is metabolized via systemic nonenzymatic reduction to a thioether compound. Rabeprazole is also metabolized to sulphone and desmethyl compounds via cytochrome P450 in the liver.

**Excretion:** Following a single 20 mg oral dose of 14C-labeled Rabeprazole, approximately 90% of the drug was eliminated in the urine, primarily as thioether carboxylic acid; its glucuronide, and mercapturic acid metabolites.

**Side effects:** Headache, diarrhoea, and abdominal pain.

**Precaution:** This medicine may cause hypomagnesemia (low magnesium in the blood). This is more likely to occur if you are taking this medicine for more than one year, or if you are taking this medicine together with digoxin or certain diuretics or "water pills". Check with your doctor right away if you have convulsions (seizures), fast, racing, or uneven heartbeat, muscle spasms (tetany), tremors, or unusual tiredness or weakness.

**Dosage:** Orally once a day