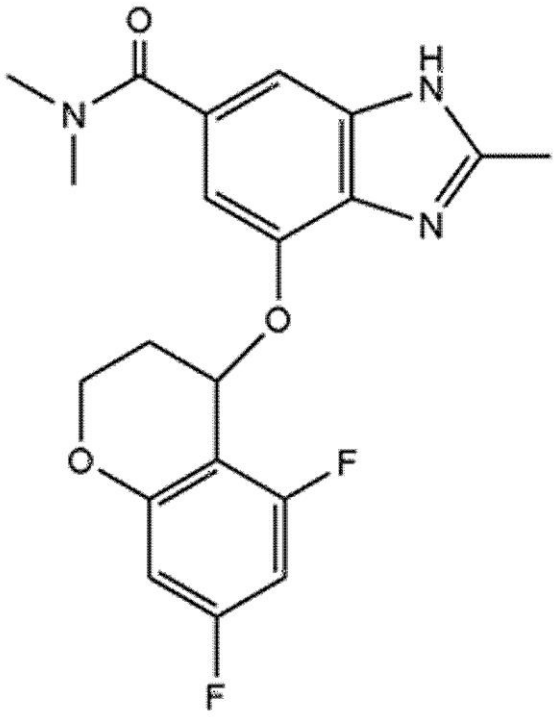
Claims

1. A pharmaceutical composition for prevention or treatment of nocturnal acid breakthrough, comprising a compound represented by Chemical Formula 1 below or a pharmaceutically acceptable salt thereof, as an active ingredient,

wherein the percentage of time that gastric pH is maintained at 4 or higher in a 12-hour period for 12 hours since administration is 65% or more.

[Chemical Formula 1]

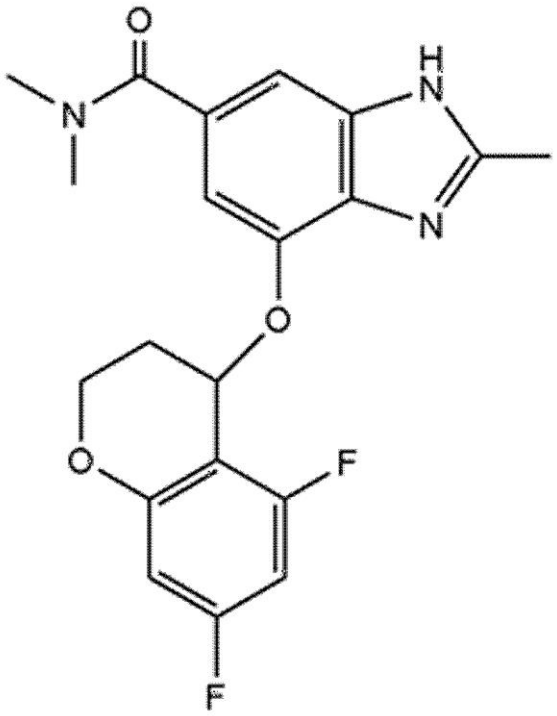


2. The pharmaceutical composition of claim 1, wherein the composition includes 50 mg to 200 mg of the compound represented by Chemical Formula 1 above or the pharmaceutically acceptable salt thereof.

3. A pharmaceutical composition which is a unit dosage form for prevention or treatment of nocturnal acid breakthrough, comprising 50 mg to 200 mg of a compound represented by Chemical Formula 1 below or a pharmaceutically acceptable salt thereof,

wherein the percentage of time that gastric pH is maintained at 4 or higher in a 12-hour period for 12 hours since administration is 65% or more.

[Chemical Formula 1]



4. The pharmaceutical composition of claim 3, wherein the unit dosage form further comprises a pharmaceutically acceptable carrier.

5. The pharmaceutical composition of claim 3, wherein the unit dosage form is to be administered to a patient suffering from a disease selected from the group consisting of erosive gastroesophageal reflux disease (GERD), non-erosive gastroesophageal reflux disease (NERD), gastric ulcer, Barrett's esophagus, and esophagus motility disorder.

6. The pharmaceutical composition of claim 3, wherein the unit dosage form alleviates or ameliorates symptoms of heartburn.

7. The pharmaceutical composition of claim 3, wherein the unit dosage form is to be administered before dinner or bedtime.

8. The pharmaceutical composition of claim 3, wherein the unit dosage form is to be administered one to three times a day to a lowest acceptable daily dose.

9. The pharmaceutical composition of claim 3, wherein the unit dosage form is a unit dosage form for oral administration.

10. The pharmaceutical composition of claim 3, wherein the gastric pH reaches 4 within 2 hours after the administration of the unit dosage form.