ingredients are limited to acid-labile benzimidazol compounds or salts thereof, and the effect of the water-soluble sugar alcohol coating consists in increasing the hardness of intraorally rapidly disintegrating tablets.

[RELATED ART DOCUMENTS]

[PATENT DOCUMENTS]

[0006]

[Patent Document 1] Japanese Patent Laid-Open Publication No. 2000-159691

[Patent Document 2] Japanese Patent Laid-Open Publication No. 2001-072578

[Patent Document 3] Japanese Patent Laid-Open Publication No. 2008-094837

[Patent Document 4] Japanese Patent Laid-Open Publication No. 2005-060309

[Patent Document 5] Japanese Patent Laid-Open Publication No. 2005-023058

[Patent Document 6] Japanese Patent Laid-Open Publication No. 2000-281564

[SUMMARY OF THE INVENTION]

In a first aspect, there is provided an intraorally rapidly disintegrating tablet comprising a particle containing a 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid-containing core particle coated with a layer containing a methacrylic acid copolymer and further overcoated with a layer containing a water-soluble saccharide.

In a second aspect, there is provided an intraorally rapidly disintegrating tablet obtained by compression molding of a particle comprising a 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid-containing core particle coated with a layer containing a methacrylic acid copolymer and further overcoated with a layer containing a water-soluble saccharide and a granule containing a disintegrant-containing particle coated with a disintegrant.

[PROBLEMS TO BE SOLVED BY THE INVENTION]

[0007]

An object of the present ~~invention~~disclosure is to provide an intraorally rapidly disintegrating tablet comprising Compound I as an active ingredient, which is a preparation that causes virtually no irritating sensation in the oral cavity or pharynx, and retains good dissolution and intraorally rapidly disintegrating properties even when it is stored under high temperature/high humidity conditions.

[MEANS FOR SOLVING THE PROBLEMS]

[0008]

In view of the above object, the present inventors conducted diligent studies and, as a result, have found that an intraorally rapidly disintegrating tablet comprising Compound I as an active ingredient, when the tablet is made into a preparation containing a particle

of Compound I coated with a component containing a methacrylic acid copolymer and further overcoated with a water-soluble saccharide, causes virtually no irritating sensation in the oral cavity or pharynx, and retains good dissolution and oral disintegration properties even when it is stored under high temperature/high humidity conditions.

[0009]

That is, the present ~~invention~~disclosure is directed to an intraorally rapidly disintegrating tablet comprising a particle containing a 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid-containing core particle coated with a layer containing a methacrylic acid copolymer and further overcoated with a layer containing a water-soluble saccharide.

[EFFECTS OF THE INVENTION]

[0010]

According to the present ~~invention~~disclosure, there is provided an intraorally rapidly disintegrating tablet comprising Compound I as an active ingredient and capable of being easily taken. This tablet causes virtually no irritating sensation in the oral cavity or pharynx, and retains good dissolution and intraorally rapidly disintegrating properties even when it is stored under high temperature/high humidity conditions.

[BRIEF DESCRIPTION OF THE DRAWINGS]

[0011]

[Figure 1] Figure 1 is a graphical representation showing the initial dissolution properties and dissolution properties after 40°C/75%RH unsealed storage of the tablet of Comparative Example 1.

[Figure 2] Figure 2 is a graphical representation showing the initial dissolution properties and dissolution properties after 40°C/75%RH unsealed storage of the tablet of Example 1.

[Figure 3] Figure 3 is a graphical representation showing the initial dissolution properties