Claims

1. Orally disintegrating tablet containing 1–30% acarbose, 40–90% water-soluble carrier, and 1–50% water-insoluble carrier.

2. Tablet according to Claim 1 having a disintegration time of less than 60 sec.

3. Tablet according to Claim 1 having an overall moisture between 0 und 8%.

4. Tablet according to Claim 1 having a breaking strength of 10–50 N.

5. Process for preparing orally disintegrating tablets containing acarbose, comprising the steps
a) precompacting acarbose
c) mixing with water-insoluble carriers
c) mixing with water-soluble carrier
d) tableting, characterized in that acarbose having a moisture content of between 0 and 5% is used.

6. Process according to Claim 5, characterized in that acarbose having a mean particle size of 100 to 600 µm is used.

7. Orally disintegrating tablet according to Claims 1 to 4 for the treatment of diabetes mellitus.

Claims

1. Orally disintegrating tablet containing

   a) 1–30% precompacted Acarbose having an average particle size of 100 to 800 µm and having a moisture content of between 0 and 5%, 40–90%

   b) water-soluble carrier, and

   c) 1–50% water-insoluble carrier.

2. Tablet according to Claim 1 containing precompacted Acarbose having a average particle size of 100 to 600 µm

3. Tablet according to Claims 1 and 2 wherein the water-insoluble carrier is microcrystalline cellulose.

4. Tablet according to Claims 1 and 2 wherein the water-soluble carrier is selected from the group mannitol, crospovidone, and polyvinyl acetate or a mixture thereof.

5. Tablet according to Claims 1 to 4 having a disintegration time of less than 60 sec.

6. Tablet according to Claims 1 to 4 having an overall moisture between 0 und 8%.

7. Process for preparing orally disintegrating tablets according to claims 1 to 6 containing acarbose, comprising the steps
   a) precompacting the acarbose to get an average particle size of 100 to 800 µm
   b) mixing with water-insoluble carriers
   c) mixing with water-soluble carrier
   d) tableting, characterized in that acarbose having a moisture content of between 0 and 5% is used.

8. Process according to Claim 7, characterized in that acarbose having a mean particle size of 100 to 600 µm is used.

9. Orally disintegrating tablet according to Claims 1 to 6 for the treatment of diabetes mellitus.