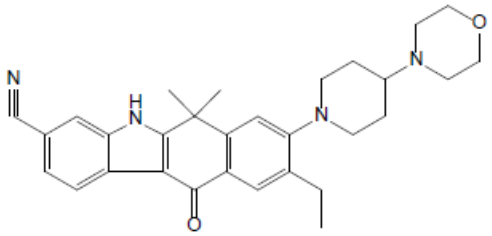
Claims

1. A pharmaceutical formulation comprising (i) a granule containing a compound represented by formula (I) or a salt thereof and (ii) a carmellose calcium, wherein the compound represented by formula (I) or a salt thereof is contained in an amount of 60 mg to 240 mg in terms of the free form per unit formulation.



(I)

2. The formulation according to Claim 1, wherein the carmellose calcium(ii) is contained in an amount of 7.5 wt% or more and 30 wt% or less based on the total amount of the formulation.

3. The formulation according to Claim 1 or Claim 2, wherein the carmellose calcium(ii) is selected from low-substituted hydroxypropylcellulose, carmellose calcium, sodium hydrogen carbonate and pregelatinized starch.

4. The formulation according to any of Claims 1 to 3, wherein the granule contains a carmellose calcium therein.

5. The formulation according to Claim 4, wherein the carmellose calcium contained in the granule is selected from sodium starch

glycolate, lowsubstituted hydroxypropylcellulose, carmellose calcium, sodium hydrogen carbonate, pregelatinized starch, sodium chloride, corn starch, croscarmellose sodium, crystalline cellulose, silicic anhydride and carmellose.

6. The formulation according to Claim 5, wherein the carmellose calcium contained in the granule is selected from carmellose calcium, low-substituted hydroxypropylcellulose and sodium starch glycolate.

7. The formulation according to any of Claims 1 to 6, wherein the granule contains a solubilizing agent therein.

8. The formulation according to Claim 7, wherein the weight ratio of the compound represented by formula (I) to the solubilizing agent is 100:2 to 100:60.

9. The formulation according to any of Claims 1 to 8, wherein the granule contains a binder therein.

10. The formulation according to Claim 9, wherein the binder is hydroxypropylcellulose.

11. The formulation according to any of Claims 1 to 10, wherein the granule has a mean particle diameter of 150 μm or more and 300 μm or less.

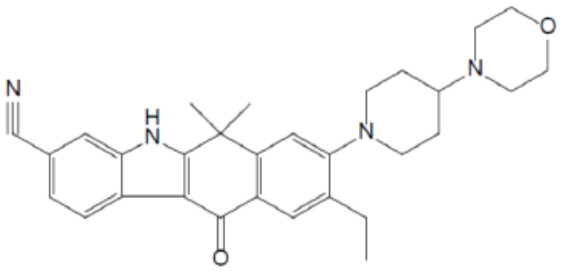
12. The formulation according to any of Claims 1 to 11, wherein the granule has a mean particle diameter of 200 μm or more and 300 μm or less.

13. The formulation according to Claim 7 or Claim 8, wherein a compound represented by formula (I) or a salt thereof is contained in an amount of 20 to 70 wt% in terms of the free form based on the total amount of the composition.

14. The formulation according to Claim 7 or Claim 8, wherein the compound represented by formula (I) or a salt thereof is contained in an amount of 35 to 60 wt% based on the total amount of the composition.

15. The formulation according to Claim 1 to 14, wherein the compound represented by formula (I) or a salt thereof is contained in an amount of 140 mg to 190 mg per unit formulation.

16. A method for producing a formulation improved in solubility of a compound represented by formula (I) or a salt thereof, comprising (i) granulating a granule containing a compound represented by formula (I) or a salt thereof and (ii) blending a carmellose calcium and optionally other additives as external additives, wherein the compound represented by formula (I) or a salt thereof is contained in an amount of 60 mg to 240 mg in terms of the free form per unit formulation.



(I)

17. The method according to Claim 16, wherein the carmellose calcium (ii) is selected from sodium starch glycolate, low-substituted hydroxypropylcellulose, carmellose calcium, sodium hydrogen carbonate, pregelatinized starch, sodium chloride, corn starch, croscarmellose sodium, crystalline cellulose, silicic anhydride and carmellose.

18. The method according to Claim 16 or Claim 17, wherein the carmellose calcium (ii) is contained in an amount of 7.5 wt% or more and 30 wt% or less based on the total amount of the formulation.

19. The method according to any of Claims 16 to 18, wherein the granule has a mean particle diameter of 150 μm or more and 1 mm or less.

20. The method according to any of Claims 16 to 19, wherein the granule has a mean particle diameter of 180 μm or more and 1 mm or less.

21. The method according to any of Claims 16 to 20, wherein the granule (i) has a carmellose calcium therein.

22. The method according to Claim 21, wherein the carmellose calcium contained in the granule is selected from sodium starch glycolate, low-substituted hydroxypropylcellulose, carmellose calcium, sodium hydrogen carbonate, pregelatinized starch, sodium chloride, corn starch, croscarmellose sodium,

crystalline cellulose, silicic anhydride and carmellose.

23. The method according to any of Claims 16 to 22, wherein the granule contains a solubilizing agent therein.

24. The method according to Claim 23, wherein the solubilizing agent is sodium lauryl sulfate obtained by crystallization.

25. The method according to Claim 23 or Claim 24, wherein the dissolution aid is sodium lauryl sulfate.

26. The method according to any of Claims 23 to 25, wherein a weight ratio of the compound represented by formula (I) to the solubilizing agent is 100:2 to 100:60

27. The method according to any of Claims 16 to 26, wherein the granule contains a binder therein.

28. The method according to Claim 27, wherein the binder is hydroxypropylcellulose.

29. The method according to any of Claims 16 to 28, wherein the compound represented by formula (I) or a salt thereof is contained in an amount of 140 mg to 190 mg in terms of the free form per unit formulation.