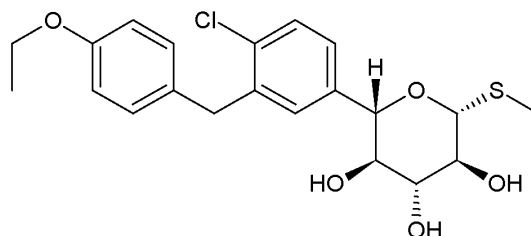
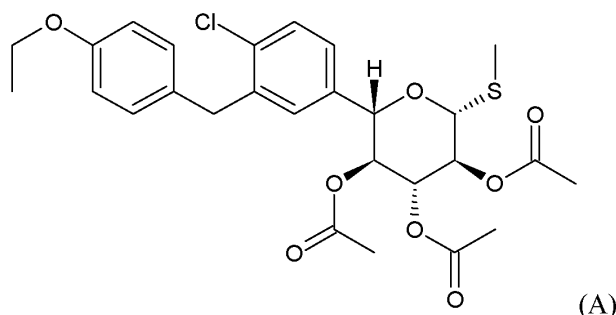


CLAIMS

1. A process for the preparation of the crystalline form II of sotagliflozin:



- 5 wherein said crystalline form II of sotagliflozin is directly obtained from the following compound of formula (A):



and by using toluene or xylene, or mixture thereof, as solvent medium for the crystallization.

- 10 2. The process according to claim 1, wherein said crystalline form II of sotagliflozin is directly obtained from the compound of formula (A) by using toluene as solvent medium for the crystallization.
3. The process according to claim 1 or 2, comprising the following steps:
- 15 a) reacting the compound of formula (A) with an alcohol, in a non-aqueous solvent medium comprising a base and including at least toluene or xylene or mixture thereof, and preferably at least toluene;
- b) performing an aqueous washing of said solvent medium;
- c) dehydrating said solvent medium;
- d) crystallizing the form II of sotagliflozin; and
- 20 e) recovering the crystalline form II of sotagliflozin.

4. The process according to claim 3, wherein said solvent medium further comprises sodium methoxide and methanol.

5. The process according to any one of claims 3 or 4, wherein step a) is performed at a temperature below the boiling point of methanol.

6. The process according to any one of claims 3 to 5, wherein step a) is performed at a temperature below 65°C, and preferably below 63°C, at the atmospheric pressure.

7. The process according to any one of claims 3 to 6, wherein step c) is performed by evaporation.

8. The process according to any one of claims 3 to 7, wherein step d) is performed at the temperature of the crystallization of form II of sotagliflozin.

9. The process according to any one of claims 3 to 8, wherein step d) is performed at a temperature from 60°C to 70°C, preferably from 62°C to 67°C, and more preferably at 65 °C, at the atmospheric pressure.

10. The process according to any one of the preceding claims, wherein the formation of said crystalline form II of sotagliflozin is initiated with pre-existing crystalline form II of sotagliflozin.

11. The process according to any one of claims 3 to 10, wherein step d) is followed by filtration and washing, preferably with toluene or xylene, or mixture thereof.

12. The process according to the preceding claim, wherein the filtration and washing are followed with a drying step.

13. The process according to the preceding claim, wherein the drying step is performed at a temperature from 45°C to 65°C, and in particular from 50°C to 55°C.

14. The process according to any one of the preceding claims, wherein the crystalline form II of sotagliflozin is synthesized in a batch process.

15. The process according to any one of the claims 1 to 13, wherein the crystalline form II of sotagliflozin is synthesized in a continuous process.