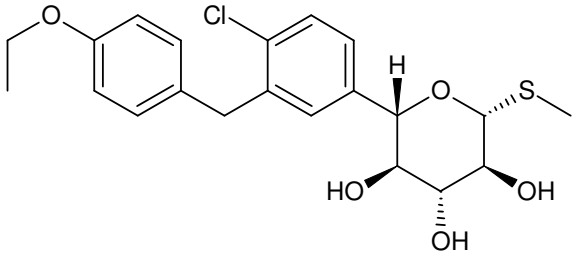
It also remains a need of a new process for the preparation of crystalline Form II of sotagliflozin which would be simple to implement, i.e does not request to carry out discontinuous steps.

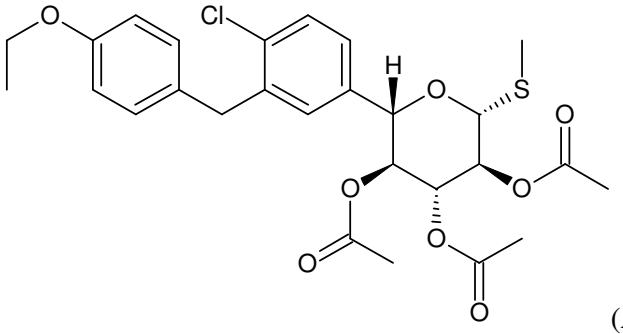
It also remains a need of a new process for the preparation of crystalline Form II of sotagliflozin which could be advantageously performed in a continuous way with the industrial preparation of the precursor of said form II of sotagliflozin.

SUMMARY

In one aspect, the present disclosure provides a process for the preparation of the crystalline form II of sotagliflozin:



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

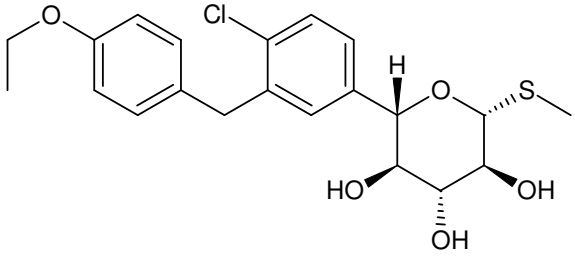


(A)

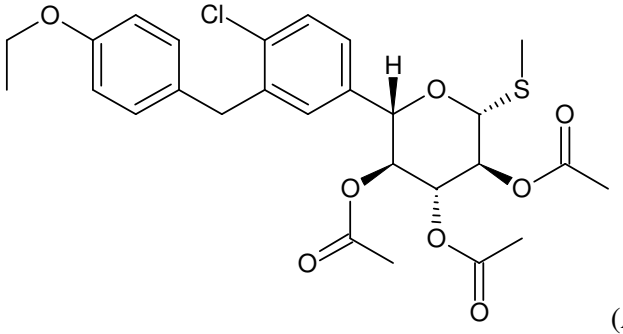
and by using toluene or xylene, or mixture thereof, as solvent medium for the crystallization.

DESCRIPTION

Exemplary embodiments relate to a particular process for the preparation of the crystalline form II of sotagliflozin:



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



(A)

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

Advantageously, the preparation of the crystalline form II of sotagliflozin is performed without formation of crystalline form I of sotagliflozin.

According to a preferred embodiment, the process comprises the following steps:

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;