CLAIMS

[Claim 1]

A method for producing an active pharmaceutical ingredient including pentosan polysulfate, comprising:

(A) a step for producing an acidic xylooligosaccharide, the step comprising

(i) depolymerizing a plant-derived raw material;

(ii) adding a base to a solution of the product of the depolymerization step to achieve a pH of 11 or higher; and

(iii) obtaining an acidic xylooligosaccharide having an acetyl group content of 0 to 0.7 mass%,

(B) a step for producing the active pharmaceutical ingredient, the step comprising sulfating the acidic xylooligosaccharide.

[Claim 2]

The method according to claim 1, wherein the depolymerization step (i) comprises at least one step selected from the group consisting of a heat treatment step and an enzyme treatment step.

[Claim 3]

The method according to claim 1, wherein the depolymerization step (i) is a heat treatment step.

[Claim 4]

The method according to claim 3, wherein the heat treatment step is a step of heating to 120°C or higher under non-alkaline conditions.

[Claim 5]

The method according to claim 1, wherein the plant-derived raw material is a wood-derived raw material.

[Claim 6]

The method according to claim 1, further comprising a separation and purification step performed after the depolymerization step (i).

[Claim 7]

The method according to claim 1, further comprising a powdering step performed after the deacetylation step (ii).