CLAIMS

1. A method for preventing precipitation of an injection solution containing p-boronophenylalanine or a pharmaceutically acceptable salt thereof for boron neutron capture therapy comprising,

preparing the injection solution which comprises:

p-boronophenylalanine or a pharmaceutically acceptable salt thereof;

a sorbitol;

one or more antioxidants selected from a group consisting of sodium pyrosulfite, sodium sulfite, and sodium bisulfite; and

a pH adjusting agent,

and pH of which is controlled to exceeding 7.5 and 8.0 or less.

2. A method for preventing precipitation of an injection solution containing p-boronophenylalanine or a pharmaceutically acceptable salt thereof for boron neutron capture therapy comprising,

preparing the injection solution which comprises:

p-boronophenylalanine or a pharmaceutically acceptable salt thereof;

a sorbitol;

one or more antioxidants selected from a group consisting of sodium pyrosulfite, sodium sulfite, and sodium bisulfite; and

citric acid, lactic acid or a salt thereof,

and pH of which is controlled to 6.5 to 8.0.

3. The method for preventing precipitation according to claim 1 or 2, wherein a concentration of the sorbitol is 2.6 to 6.5 w/v%.

4. The method for preventing precipitation according to any one of claims 1 to 3, wherein a content ratio of the sorbitol is in a range of 0.9 to 3.0, in molar ratio, with respect to a content of p-boronophenylalanine.

5. The method for preventing precipitation according to any one of claims 2 to 4, wherein an amount of citric acid, lactic acid or a salt thereof is set to 0 to 8.3 w/v% of the injection solution.

6. The method for preventing precipitation according to any one of claims 1 to 5, wherein the injection solution is for an intravenous injection.