CLAIMS

1. An injection solution for boron neutron capture therapy, the injection solution comprising:

p-boronophenylalanine or a pharmaceutically acceptable salt thereof, with a ratio of boron 10 of boron atoms in a compound of 75 % or more;

a sorbitol;

an antioxidant selected from the group consisting of sodium pyrosulfite, sodium sulfite, and sodium bisulfite; and

water,

the injection solution having a pH of more than 7.5 to 7.8 and an osmotic pressure ratio of 1.0 to 1.8,

the injection solution being to be administered by intravenous drip injection.

2. An injection solution for boron neutron capture therapy, the injection solution comprising:

p-boronophenylalanine or a pharmaceutically acceptable salt thereof, with a ratio of boron 10 of boron atoms in a compound of 75 % or more;

a sorbitol;

an organic acid;

an antioxidant selected from the group consisting of

sodium pyrosulfite, sodium sulfite, and sodium bisulfite; and

water,

the injection solution having a pH of 6.5 to 7.5 and an osmotic pressure ratio of 1.0 to 1.8,

the injection solution being to be administered by intravenous drip injection.

3. The injection solution for boron neutron capture therapy according to claim 1 or 2, which is for being administered at a rate of 150 to 250 mg/kg/hour, as a p-boronophenylalanine concentration, for 1.5 to 3 hours, and then deceleratingly administered at a rate of 80 to 120 mg/kg/hour for 0.5 to 1.5 hours, while irradiating an epithermal neutron ray during the decelerating administration.

4. The injection solution for boron neutron capture therapy according to any one of claims 1-3, wherein a concentration of the sorbitol is 2.6 to 6.5 w/v%.

5. The injection solution for boron neutron capture therapy according to any one of claims 1 to 4, 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.

6. The injection solution for boron neutron capture therapy according to claim 2, wherein the organic acid is citric acid.

7. The injection solution for boron neutron capture therapy according to claim 1 or 2, wherein a concentration of the antioxidant is 0.01 to 0.6 w/v%.

8. The injection solution according to any one of claims 1 to 7, for treating solid cancer.