

PATENT CLAIMS

1. A complex formed from hypericin or a hypericin salt and polyvinylpyrrolidone (PVP), characterized in that the mean proportion by weight of hypericin or of hypericin salt with respect to the total complex is more than 6 % by weight.

2. The complex as claimed in claim 1, characterized in that the mean molar ratio of hypericin to PVP in the complex is more than 2.5.

3. The complex as claimed in claim 1 or claim 2, characterized in that the PVP has a mean molar mass of 10 to 40 kD, preferably from 12 to 25 kD.

4. A pharmaceutical composition containing a complex as claimed in one of claims 1 to 3.

5. The pharmaceutical composition as claimed in claim 4, characterized in that the composition is provided for intravenous administration and in that the composition contains hypericin in a concentration of at least 25 mg/L.

6. The method for the production of a complex as claimed in one of claims 1 to 3, characterized in that a mixture of hypericin and PVP is heated to a temperature which is above the glass transition temperature of the PVP employed.

7. The method as claimed in claim 6, characterized in that a solvent or a mixture of solvents, preferably water, ethanol, methanol, pyridine, acetone, ethylmethylketone and/or ethyl acetate, more preferably water, ethanol, methanol and/or pyridine, more preferably water and/or ethanol, is added to the mixture of hypericin and PVP.

8. The method as claimed in claim 6 or claim 7, characterized in that the mixture is maintained at a temperature which is above the glass transition temperature of the PVP employed for at least 5 minutes.

9. A pharmaceutical composition as claimed in claim 4 or claim 5, for use in a therapeutic method, preferably for application in photodynamic therapy (PDT) for the treatment of tumour diseases.

10. Use of a complex as claimed in one of claims 1 to 3, for sterilising and/or disinfecting surfaces or liquids.