WHAT IS CLAIMED IS:

1. Use of 5-nitro-8-hydroxyquinoline, a pharmaceutically acceptable salt thereof, a crystal form thereof, a solvate thereof, an isotope derivative thereof, or a prodrug thereof in the preparation of a medicament for preventing or treating a viral infection, wherein:

the virus is human papillomavirus.

2. The use according to claim 1, the antiviral drug is for use in a mammal, preferably in a human.

3. The use according to claim 1 or 2, the virus is selected from the group consisting of: human papillomavirus 6 (HPV6), human papillomavirus 11 (HPV11), human papillomavirus 16 (HPV16), human papillomavirus 18 (HPV18) or a combination thereof.

4. The use according to any one of claims 1 to 3, wherein:

the prodrug is (S)-(5-nitroquinolin-8-yloxy)methyl 1-isopropionylpyrrolidine-2-carboxylate.

5. A method for *in vitro* disinfection, comprising the following steps:

contacting the environment or object to be treated with an effective amount of 5-nitro-8-hydroxyquinoline, a pharmaceutically acceptable salt thereof, a crystal form thereof, a solvate thereof, an isotope derivative thereof.

6. The method according to claim 5, the virus is selected from the group consisting of: human papillomavirus 6 (HPV6), human papillomavirus 11 (HPV11), human papillomavirus 16 (HPV16), human papillomavirus 18 (HPV18) or a combination thereof.

7. A pharmaceutical composition for use in treating a viral infection, comprising:

- a pharmaceutically acceptable excipient, and
- any one selected from the following: 5-nitro-8-hydroxyquinoline, a pharmaceutically acceptable salt thereof, a crystal form thereof, a solvate thereof, an isotope derivative thereof, a prodrug thereof;

the virus is human papillomavirus;

preferably, the virus is selected from the group consisting of: human papillomavirus 6 (HPV6), human papillomavirus 11 (HPV11), human papillomavirus 16 (HPV16), human papillomavirus 18 (HPV18) or a combination thereof;

preferably, the prodrug is (S)-(5-nitroquinolin-8-yloxy)methyl 1-isopropionylpyrrolidine-2-carboxylate.