CLAIMS

1. Use of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment of a respiratory infection in a human.

2. Use of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment of an infection in a human, wherein the infection is one or two or more selected from the group consisting of pharyngitis, laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infections of chronic respiratory diseases, sinusitis, and tympanitis, and in which pathogenic bacteria are Streptococcus pneumoniae.

3. Use of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment of

an infection in a human, wherein the infection is one or two or more selected from the group consisting of pharyngitis, laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infections of chronic respiratory diseases, sinusitis, and tympanitis, and wherein a dose of the compound per day is 75 mg or two times the amount.

4. Use of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof, in the preparation of a medicament for the treatment of an infection in a human, wherein a tissue distribution ratio of the compound into an alveolar epithelial lining fluid 1 hour after administration to the human is 10 or more.

5. The use according to claim 1, wherein the respiratory infection is one or two or more infections selected from the group consisting of pharyngitis, laryngitis, tonsillitis, acute bronchitis, pneumonia, and secondary infections of chronic respiratory diseases.

6. The use according to claim 1 or claim 5, wherein pathogenic bacteria causing the respiratory infection are one or two or more types of bacteria selected from the group consisting of bacteria belonging to Staphylococcus sp., bacteria belonging to Streptococcus sp., Moraxella catarrhalis, bacteria belonging to Klebsiella sp.,

Haemophilus influenzae, and Escherichia coli.

7. The use according to any one of claims 1, 5 and 6, wherein pathogenic bacteria causing the respiratory infection are one or two or more types of bacteria belonging to any of Streptococcus sp. and Staphylococcus sp.

8. The use according to any one of claims 1 and 5 to 7, wherein pathogenic bacteria causing the respiratory infection have drug resistance.

9. The use according to any one of claims 1 and 5 to 8, wherein a dose of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof per day is 10 mg or more and 250 mg or less.

10. The use according to claim 1, wherein a dose of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof per day is 75 mg or two times the amount.

11. The use according to claim 1, wherein a maximum plasma concentration of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof after administration of the medicament to the human with a respiratory infection is 3 μg/mL or less.

12. The use according to claim 2, wherein a dose of 7-[(3S,4S)-3-{(cyclopropylamino)methyl}-4-fluoropyrrolidine-1-yl]-6-fluoro-1-(2-fluoroethyl)-8-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid or a pharmaceutically acceptable salt thereof per day is 10 mg or more and 250 mg or less.