

Claims

1. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate.
2. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, wherein the crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate is a polymorph of crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate, characterised in that the X-Ray diffraction pattern of the polymorph comprises 2-Theta angle values of 6.5, 12.9, 16.8, 18.9, 19.3, 19.5, 20.0, 22.4, 22.5, 23.2, 23.8, 25.5, 25.9, 28.8, 30.5, 32.7, and 35.7 degrees.
3. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1 exhibiting a polymorphic form as described by Fig 1A and/or an X-ray diffraction pattern as described by Fig. 1D.
4. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, 2 or 3 in combination with acetylsalicylic acid, trifluridine, idoxuridine, foscarnet, cidofovir, ganciclovir, aciclovir, penciclovir, valaciclovir and/or famciclovir.
5. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, 2, 3 or 4 used for treatment and/or prophylaxis of infectious diseases and/or prevention of transmission of infectious diseases.
6. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 5, wherein the infectious disease is a herpes simplex virus infection.
7. Pharmaceutical composition containing crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)phenyl]acetamide methane-sulfonic acid monohydrate according to claim 1, 2 or 3 together with at least one pharmaceutically acceptable carrier, excipient, solvent and/or diluent.

Claims

1. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate.
2. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, wherein the crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate is a polymorph of crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate, **characterised in that** the X-Ray diffraction pattern of the polymorph comprises 2-Theta angle values of 6.5, 12.9, 16.8, 18.9, 19.3, 19.5, 20.0, 22.4, 22.5, 23.2, 23.8, 25.5, 25.9, 28.8, 30.5, 32.7, and 35.7 degrees.
3. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1 exhibiting a polymorphic form as described by Fig 1 A and/or an X-ray diffraction pattern as described by Fig. 1 D.
4. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, 2 or 3 in combination with acetylsalicylic acid, trifluridine, idoxuridine, foscarnet, cidofovir, ganciclovir, aciclovir, penciclovir, valaciclovir and/or famciclovir.
5. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, 2, 3 or 4 for use in the treatment and/or prophylaxis of infectious diseases and/or prevention of transmission of infectious diseases.
6. Crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]acetamide methanesulfonic acid monohydrate for use according to claim 5, wherein the infectious disease is a herpes simplex virus infection.
7. Pharmaceutical composition containing crystalline N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)phenyl]acetamide methanesulfonic acid monohydrate according to claim 1, 2 or 3 together with at least one pharmaceutically acceptable carrier, excipient, solvent and/or diluent.