

CLAIMS

We claim:

1. Crystalline hydrate Form A of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide.
2. Crystalline hydrate Form A of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide as characterized by an X-ray diffraction pattern reflection at a 2 theta value of 15.9.
3. Crystalline hydrate Form A is further characterized by X-ray diffraction pattern reflections at 2 theta values of 21.7, 29.1, and 23.2.
4. Crystalline hydrate Form A is further characterized by X-ray diffraction pattern reflections at 2 theta values of 21.7, 29.1, 23.2, 24.1, and 26.7.
5. Crystalline hydrate Form A of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide, wherein the crystalline hydrate Form A is characterized by at least one X-ray diffraction pattern reflection selected from a 2 theta value of 15.9, 21.7, 29.1, 23.2, 24.1, and 26.7.
6. The Crystalline form of claim 5 further characterized by at least two X-ray diffraction pattern reflections selected from a 2 theta value of 15.9, 21.7, 29.1, 23.2, 24.1, and 26.7.
7. The Crystalline form of claim 5 further characterized by at least three X-ray diffraction pattern reflections selected from a 2 theta value of 15.9, 21.7, 29.1, 23.2, 24.1, and 26.7.
8. The Crystalline form of claim 5 further characterized by at least four X-ray diffraction pattern reflections selected from a 2 theta value of 15.9, 21.7, 29.1, 23.2, 24.1, and 26.7.
9. The Crystalline form of claim 5 further characterized by at least five X-ray diffraction pattern reflections selected from a 2 theta value of 15.9, 21.7, 29.1, 23.2, 24.1, and 26.7.
10. Crystalline hydrate Form A of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide exhibiting the X-ray powder diffraction pattern as shown in Fig. 1.
11. Crystalline hydrate Form A of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-

aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide exhibiting the differential scanning calorimetry pattern as shown in Figure 2.

12. A pharmaceutical composition comprising any one of the compositions of claims 1-11, and one or more pharmaceutically acceptable excipients or carriers.

13. Crystalline Form B of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide.

14. Crystalline Form B of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide as characterized by an X-ray diffraction pattern reflection at a 2 theta value of 19.9.

15. Crystalline Form B is further characterized by X-ray diffraction pattern reflections at 2 theta values of 21.1, 17.3, 22.4, and 26.0.

16. Crystalline Form B is further characterized by X-ray diffraction pattern reflections at 2 theta values of 21.1, 17.3, 22.4, 26.0, 25.5, and 28.3.

17. Crystalline Form B of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide, wherein the crystalline Form B is characterized by at least one X-ray diffraction pattern reflection selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.

18. The crystalline form of claim 17, wherein the crystalline Form B is further characterized by at least two X-ray diffraction pattern reflections selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.

19. The composition of claim 17, wherein the crystalline Form B is further characterized by at least three X-ray diffraction pattern reflections selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.

20. The composition of claim 17, wherein the crystalline Form B is further characterized by at least four X-ray diffraction pattern reflections selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.

21. The composition of claim 17, wherein the crystalline Form B is further characterized by at least five X-ray diffraction pattern reflections selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.
22. The composition of claim 17, wherein the crystalline Form B is further characterized by at least six X-ray diffraction pattern reflections selected from a 2 theta value of 19.9, 21.1, 17.3, 22.4, 26.0, 25.5, 28.3, and 24.6.
23. Crystalline Form B of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide exhibiting the X-ray powder diffraction pattern as shown in Fig. 4.
24. Crystalline Form B of N-hydroxy 2-{6-[(6-fluoro-quinolin-2-ylmethyl)-amino]-3-aza-bicyclo[3.1.0]hex-3-yl}pyrimidine-5-carboxamide exhibiting the differential scanning calorimetry pattern as shown in Figure 5.
25. A pharmaceutical composition comprising any one of the compositions of claims 13-24, and one or more pharmaceutically acceptable excipients or carriers.