What is Claimed:

1. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide hydrochloride salt monohydrate Form A.

2. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide hydrochloride salt according to claim 1, characterized by a powder X-ray diffraction pattern substantially as shown in FIG. 1.

3. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide anhydrous hydrochloride salt Form B.

4. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide hydrochloride salt according to claim 3, characterized by a powder X-ray diffraction pattern substantially as shown in FIG. 4.

5. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide esylate salt Form C.

6. Crystalline (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide esylate salt according to claim 5, characterized by a powder X-ray diffraction pattern substantially as shown in FIG. 5.

7. An acetic acid solvate/salt of (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide.

8. A phosphate salt/cocrystal of (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide phosphate salt.

9. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide napadisylate salt/cocrystal.

10. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide sulfate salt/cocrystal.

11. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide besylate salt/cocrystal.

12. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide citric acid salt/cocrystal.

13. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide L-malic acid salt/cocrystal.

14. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide L-tartaric acid salt/cocrystal.

15. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide fumaric acid salt/cocrystal.

16. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide edisylate salt/cocrystal.

17. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide L-tartaric acid salt/cocrystal.

18. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide fumaric acid salt/cocrystal.

19. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide L-malic acid salt/cocrystal.

20. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide napadisylate salt/cocrystal.

21. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide phosphate salt/cocrystal.

22. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide citric acid salt/cocrystal.

23. An (R)-N-(4-chlorophenyl)-2-((1S,4S)-4-(6-fluoroquinolin-4-yl)cyclohexyl)propanamide tosylate salt/cocrystal.

24. A ~~method of treating cancer in a patient in need of such treatment comprising administering to the patient a therapeutically effective amount of a~~ compound according to any one of claims 1-23, or any combination thereof for use in treating cancer in a patient in need of such treatment, wherein a therapeutically effective amount of the compound is to be administered to the patient.

25. Use of compound according to any one of claims 1-23, or any combination thereof in the manufacture of a medicament for treating cancer in a patient in need of such treatment, wherein a therapeutically effective amount of the compound is to be administered to the patient.

~~25.~~26. The compound for use ~~method~~ of claim 24 or the use of claim 25, wherein the cancer is a cancer of the prostate, colon, rectum, pancreas, cervix, stomach, endometrium, brain, liver, bladder, ovary, testis, head, neck, skin (including melanoma and basal carcinoma), mesothelial lining, white blood cell (including lymphoma and leukemia), esophagus, breast, muscle, connective tissue, lung (including small-cell lung carcinoma and non-small-cell carcinoma), adrenal gland, thyroid, kidney, or bone; or is glioblastoma, mesothelioma, renal cell carcinoma, gastric carcinoma, sarcoma (including Kaposi's sarcoma), choriocarcinoma, cutaneous basocellular carcinoma, or testicular seminoma.

~~26.~~27. The compound for use ~~method~~ of claim 24 or the use of claim 25, wherein ~~further comprising administration of~~ an immune checkpoint inhibitor is to be further administered with the compound.

~~27.~~28. The compound for use or the use ~~method~~ of claim 27~~6~~ ~~24~~, wherein the immune checkpoint inhibitor is ipilimumab (YERVOY™), nivolumab (OPDIVO™), pembroluzimab (KEYTRUDA™), or a combination thereof.

~~28.~~29. A ~~method of modulating the activity of indoleamine 2,3-dioxygenase comprising contacting the indoleamine 2,3-dioxygenase with a~~ compound according to any one of claims 1-23, or any combination thereof for use in modulating the activity of indoleamine 2,3-dioxygenase, wherein the indoleamine 2,3-dioxygenase is to be contacted with the compound.