Claims:

1. A method of treating cancer in a human subject in need thereof, comprising administering to the human subject a first amount of (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof, and a second amount of olaparib or a pharmaceutically acceptable salt thereof; wherein the first amount and the second amount together comprise a therapeutically effective amount; and (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is administered under an intermittent dosing schedule and olaparib or a pharmaceutically acceptable salt thereof is administered under a continuous dosing schedule.

2. The method of claim 1 or 2, wherein the cancer is selected from ovarian cancer, breast cancer, pancreatic cancer, and prostate cancer.

3. The method of any one of claims 1 to 3, wherein the cancer is a relapsed or refractory cancer.

4. The method of any one of claims 1 to 3, wherein the cancer is platinum-resistant or platinum-refractory.

5. The method of any one of claims 1 to 4, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered under an intermittent dosing schedule for a cycle of 21 days; and olaparib or a pharmaceutically acceptable salt thereof is orally administered under a continuous dosing schedule for a cycle of 21 days.

6. The method of claim 5, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered on an intermittent dosing schedule for 7 to 14 consecutive days out of every 21 days.

7. The method of claim 5, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered on an intermittent dosing schedule for 7 or 14 consecutive days out of every 21 days.

8. The method of any one of claims 1 to 4, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered under an intermittent dosing schedule for a cycle of 21 days; and olaparib or a pharmaceutically acceptable salt thereof is orally administered under a continuous dosing schedule for a cycle of 7 days.

9. The method of claim 8, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered on an intermittent dosing schedule for 3 to 5 consecutive days out of every 7 days.

10. The method of claim 9, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered on an intermittent dosing schedule for 3 or 5 consecutive days out of every 7 days.

11. The method of any one of claims 1 to 10, wherein about 5 mg to about 15 mg of (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof is orally administered to the human subject once or twice daily.

12. The method of any one of claims 1 to 11, wherein about 200 mg to about 300 mg olaparib or a pharmaceutically acceptable salt thereof is orally administered to the human subject twice daily.

13. (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof for use in the treatment of a cancer, wherein the treatment comprises intermittent administration of (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-

piperazin-2-one or a pharmaceutically acceptable salt thereof and continuous administration of olaparib or a pharmaceutically acceptable salt thereof.

14. Olaparib or a pharmaceutically acceptable salt thereof for use in the treatment of a cancer, wherein the treatment comprises continuous administration of olaparib or a pharmaceutically acceptable salt thereof and intermittent administration of (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof.

15. The use of claim 13 or 14, wherein the cancer is selected from ovarian cancer, breast cancer, pancreatic cancer, and prostate cancer.

16. The use of claim 15, wherein the cancer is a relapsed or refractory cancer.

17. The use of claim 15, wherein the cancer is platinum resistant or platinum-refractory.

18. A kit comprising:

a first pharmaceutical composition comprising (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier; and

a second pharmaceutical composition comprising olaparib or a pharmaceutically acceptable salt thereof and instructions for use.

19. A pharmaceutical product comprising i) (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof, and ii) olaparib or a pharmaceutically acceptable salt thereof.

20. The pharmaceutical product of claim 19, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof and olaparib or a pharmaceutically acceptable salt thereof are present in a single dosage form.

21. The pharmaceutical product of claim 19, wherein (*3R*)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one or a pharmaceutically acceptable salt thereof and olaparib or a pharmaceutically acceptable salt thereof are present in separate dosage forms.