can reduce various side effects of cancer chemotherapy and improve the treatment completion rate of cancer chemotherapy, which resulted in the completion of the present invention.

Accordingly, the present invention is as described below.

[0014]

In one aspect, there is provided an agent for reducing side effects of cancer chemotherapy, comprising (A) cystine or a derivative thereof and (B) theanine in combination.

In another aspect, there is provided a prophylactic and/or therapeutic drug for cancer, comprising the agent as described herein, and an anticancer agent in combination.

In another aspect, there is provided use of the agent as described herein in the manufacture of a medicament for reducing side effects of cancer chemotherapy, wherein said medicament is to be administered to a subject in need thereof.

In yet another aspect, there is provided use of the agent as described herein in the manufacture of a medicament for improving the treatment completion rate of cancer chemotherapy, wherein said medicament is to be administered to a subject in need thereof.

In yet another aspect, there is provided use of the prophylactic and/or therapeutic drug as described herein in the manufacture of a medicament for preventing and/or treating cancer wherein said medicament is to be administered to a subject in need thereof.

In yet another aspect, there is provided a combination of (A) cystine or a derivative thereof and (B) theanine for use in reducing side effects of cancer chemotherapy.

In yet another aspect, there is provided a combination of the combination as describe herein and an anticancer agent for use in preventing and/or treating cancer.

Also disclosed are:

[1] An agent for reducing side effects of cancer chemotherapy, comprising (A) cystine or a derivative thereof and (B) theanine in combination.

[2] The agent of the above-mentioned [1], which is a composition comprising (A) cystine or a derivative thereof and (B) theanine.

[3] The agent of the above-mentioned [1] or [2], wherein the weight ratio of (A) cystine or a derivative thereof and (B) theanine is A:B=100:1 - 1:100.

[4] The agent of any one of the above-mentioned [1] - [3], which is an agent for improving the treatment completion rate of cancer chemotherapy.

[5] A prophylactic and/or therapeutic drug for cancer, comprising the agent of any one of the above-mentioned [1] - [3], and an anticancer agent in combination.

[6] An agent for improving the treatment completion rate of cancer chemotherapy, comprising (A) cystine or a derivative thereof and (B) theanine in combination.

[7] The agent of the above-mentioned [6], which is a composition comprising (A) cystine or a derivative thereof and (B) theanine.

[8] The agent of the above-mentioned [6] or [7], wherein the weight ratio of (A) cystine or a derivative thereof and (B) theanine is A:B=100:1 - 1:100.

[9] A prophylactic and/or therapeutic drug for cancer, comprising (A) cystine or a derivative thereof, (B) theanine, and an anticancer agent in combination.

[10] The prophylactic and/or therapeutic drug of the above-mentioned [9], which is a composition comprising (A) cystine or a derivative thereof and (B) theanine, and an anticancer agent

Claims

1. An agent for reducing side effects of cancer chemotherapy, comprising (A) cystine or a derivative thereof and (B) theanine in combination.

2. The agent according to claim 1, which is a composition comprising (A) cystine or a derivative thereof and (B) theanine.

3. The agent according to claim 1 or 2, wherein the weight ratio of (A) cystine or a derivative thereof and (B) theanine is A:B=100:1 - 1:100.

4. The agent according to any one of claims 1 to 3, which is an agent for improving the treatment completion rate of cancer chemotherapy.

5. A prophylactic and/or therapeutic drug for cancer, comprising the agent according to any one of claims 1 to 3, and an anticancer agent in combination.

6. ~~A method of reducing side effects of cancer chemotherapy, comprising administering~~ Use of the agent according to any one of claims 1 to 3 in the manufacture of a medicament for reducing side effects of cancer chemotherapy, wherein said medicament is to be administered to a subject in need thereof.

7. ~~A method of improving the treatment completion rate of cancer chemotherapy, comprising administering~~ Use of the agent according to claim 4 in the manufacture of a medicament for improving the treatment completion rate of cancer chemotherapy, wherein said medicament is to be administered to a subject in need thereof.

8. ~~A method of preventing and/or treating cancer, comprising administering~~ Use of the prophylactic and/or therapeutic drug according to claim 5 in the manufacture of a medicament for preventing and/or treating cancer wherein said medicament is to be administered to a subject in need thereof.

9. A combination of (A) cystine or a derivative thereof and (B) theanine for use in reducing side effects of cancer