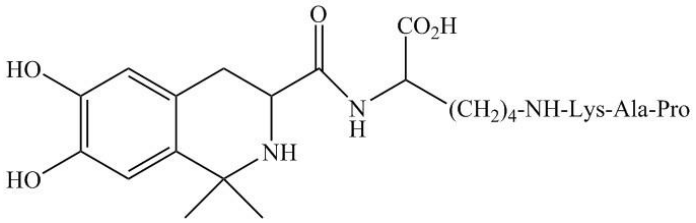
CLAIMS

1. A pharmaceutical composition comprising:

(a) a compound with the following formula or a pharmaceutically acceptable salt thereof:



and (b) a pharmaceutically acceptable excipient selected from the group consisting of mannitol, sorbitol, sucrose, lactose, or trehalose,

wherein the composition has a pH of pH 2-pH 5.5, and the weight ratio of the compound versus the pharmaceutically acceptable excipient is 1:1 to 1:9.

2. The pharmaceutical composition according to claim 1, wherein the composition has a pH of pH 3.5- pH 5.5.

3. The pharmaceutical composition according to claim 2, wherein the composition has a pH of pH 4.5.

4. The pharmaceutical composition according to claim 1, wherein the pharmaceutically acceptable salt is hydrochloride salt.

5. The pharmaceutical composition according to claim 1, wherein the pharmaceutically acceptable excipient is mannitol.

6. The pharmaceutical composition according to claim 5, wherein the composition has a pH of pH 3.5- pH 5.5.

7. The pharmaceutical composition according to claim 6, wherein the weight ratio of the compound versus the pharmaceutically acceptable excipient is 1:1 to 1:5.

8. The pharmaceutical composition according to claim 7, wherein the composition has a pH of pH 4.5.

9. The pharmaceutical composition according to claim 8, wherein the composition is a lyophilized formulation.

10. The pharmaceutical composition according to claim 5, wherein the pharmaceutically acceptable salt is hydrochloride salt.