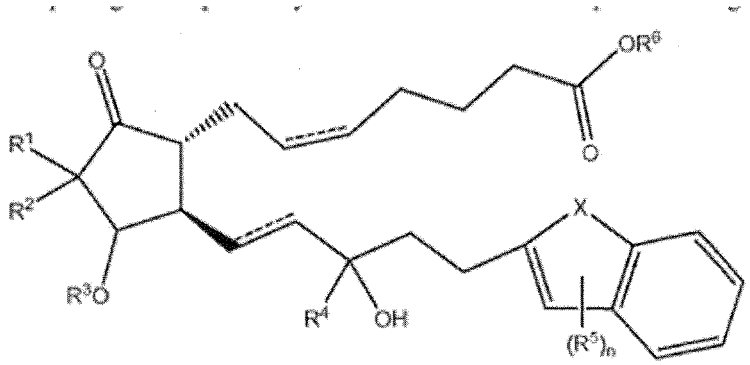
WHAT IS CLAIMED IS:

1. Use of a compound having a structure:



wherein each dashed line represents the presence or absence of a double bond;

R^1, R^2, R^3 and R^4 are each independently selected from H and C_1-C_6 linear alkyl;

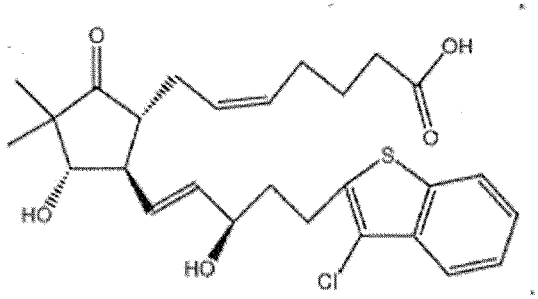
R^5 is halogen, C_1-C_6 alkyl, or C_1-C_6 alkenyl; R^6 is H, C_1-C_6 alkyl, C_1-C_6 alkenyl, a salt thereof, or an amine thereof; n is 0-7; and X is S or O, in the manufacture of a medicament for treating a skin blemish.

2. The use of claim 1 , wherein R^4 is H, R^3 is H, and X is S.

3. The use of claim 1 , wherein R^1 and R^2 are CH_3.

4. The use of claim 1 , wherein R^5 is Cl.

5. The use of claim 1 , wherein the compound is:



6. The use of claim 1, wherein the skin blemish is a flesh wound, scar, or wrinkle.

7. The use of claim 1, wherein the medicament is to be administered subcutaneous, subdermal or transdermal, intradermally or topically.

8. The use of claim 6, wherein the administration reduces formation of a scar type selected from the group consisting of hypertrophic scar, recessed scar, stretch mark, and a combination thereof.

9. The use of claim 6, wherein the skin blemish is a wrinkle.

10. The use of claim 1, wherein the medicament is to be administered to a region selected from the group consisting of a face, neck, arms, torso, back, legs, and a combination thereof.

11. The use of claim 1 , wherein the medicament is to be administered at a time selected from the group consisting of prior to surgical incision, during surgery, post-operatively, and a combination thereof.

12. The use of claim 1, wherein administration of said medicament minimizes scar formation.

13. The use of claim 1, wherein administration of said medicament prevents scar formation.

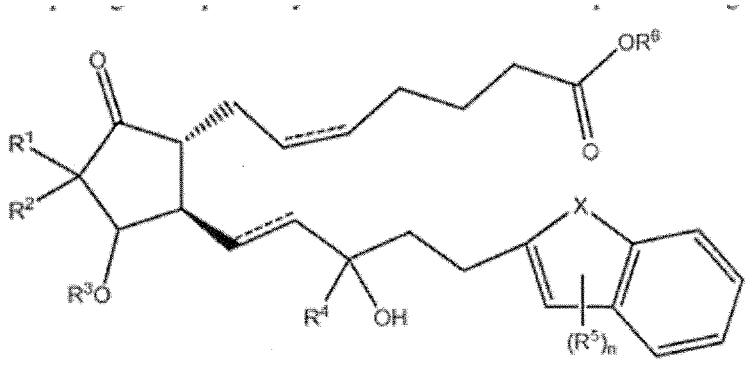
14. The use of claim 1, wherein administration of said medicament prevents wrinkle formation.

15. The use of claim 1, wherein administration of said medicament reduces the appearance of an existing wrinkle.

16. The use of claim 9, wherein the wrinkle is selected from the group consisting of a brow furrow, crows feet, nasolabial fold, a line under the eye, a crease between the eye brows, and a combination thereof.

17. The use of claim 6, wherein a cause of said flesh wound is selected from the group consisting of an incision, a laceration, a thermal burn, a chemical burn, an abrasion, a puncture wound, and a combination thereof.

18. Use of a compound having a structure:



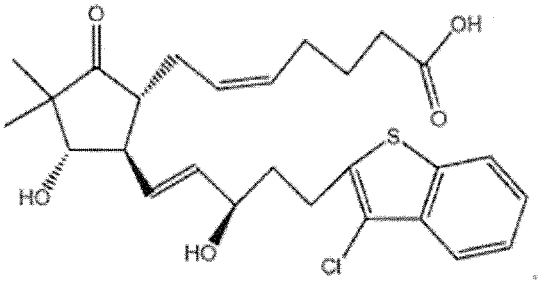
wherein each dashed line represents the presence or absence of a double bond;

R^1, R^2, R^3 and R^4 are each independently selected from H and C_1-C_6 linear alkyl;

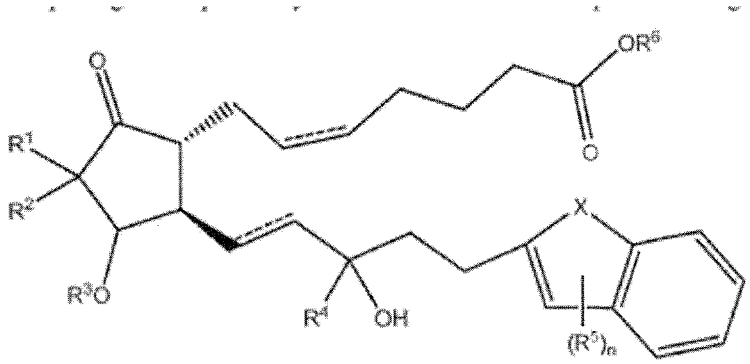
R^5 is halogen, C_1-C_6 alkyl, or C_1-C_6 alkenyl; R^6 is H, C_1-C_6 alkyl, C_1-C_6 alkenyl, a salt thereof, or an amine thereof; n is 0-7; and X is S or O, in the manufacture of a medicament for treating a flesh wound,

wherein said wound heals more normally than without administration of said composition.

19. The use of claim 18, wherein the compound is Compound 1 :



20. Use of a compound having structure:

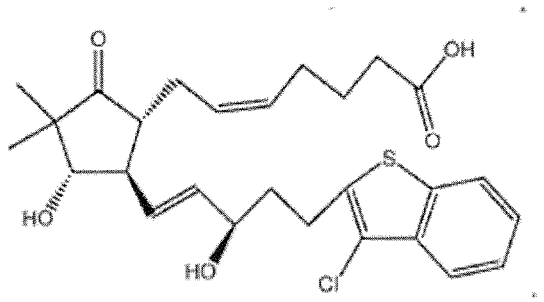


wherein each dashed line represents the presence or absence of a double bond;

R^1, R^2, R^3 and R^4 are each independently selected from H and C_1-C_6 linear alkyl;

R^5 is halogen, C_1-C_6 alkyl, or C_1-C_6 alkenyl; R^6 is H, C_1-C_6 alkyl, C_1-C_6 alkenyl, a thereof, or an amine thereof; n is 0-7; and X is S or O, in the manufacture of a medicament for reducing the appearance of a wrinkle.

21. The use of claim 20, wherein the compound is:



22. The use of claim 20, wherein said medicament is to be administered topically.