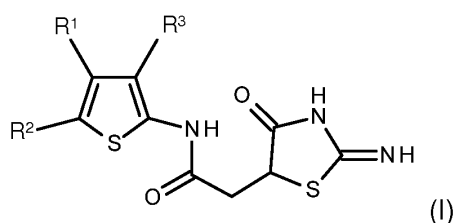


CLAIMS

1. Cosmetic use of an iminooxothiazolidine compound of formula (I)



5 wherein

R₁ is H, C₁-C₆ alkyl, cycloalkyl, phenyl, -CH₂-NH-phenyl;

R₂ is H, C₁-C₆ alkyl, halogen, phenyl;

R₃ is COO(C₁-C₆) alkyl, CONR₄R₅ wherein R₄ and R₅ individually are H or C₁-C₆ alkyl, or R₁ and R₂ together form a C₅-C₇ cycloalkyl fused with the thiophene ring

10 for promoting hair growth and/or preventing and/or reducing hair loss.

2. Use according to claim 1 wherein

R₁ is H or C₁-C₃ alkyl, preferably methyl,

R₂ is H, alogen preferably Br or C₁-C₃ alkyl, preferably CH₃ and

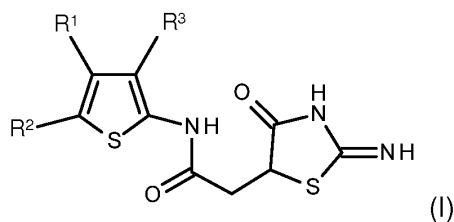
R₃ is COO(C₁-C₃) alkyl, preferably a methyl or ethyl ester.

15 3. Use according to claim 1 or 2 wherein the compounds are 2-(2-(2-imino-4-oxo-thiazolidin-5-yl)-acetylamino)-4,5-dimethyl-thiophene-3-carboxylic acid methyl ester or 2-(2-(2-imino-4-oxo-thiazolidin-5-yl)-acetylamino)-4,5-dimethyl-thiophene-3-carboxylic acid ethyl ester.

4. Cosmetic use of a composition comprising an iminooxothiazolidine compound of formula (I) according to anyone of claims 1-3 and a physiologically acceptable carrier for promoting hair growth and/or preventing and/or reducing hair loss.

5. Use according to claim 4 wherein the composition is for local or topical application or for oral administration.

6. An iminooxothiazolidine compound of formula (I)



wherein

R₁ is H, C₁-C₆ alkyl, cycloalkyl, phenyl, -CH₂-NH-phenyl;

R₂ is H, C₁-C₆ alkyl, halogen, phenyl;

R₃ is COO(C₁-C₆) alkyl, CONR₄R₅ wherein R₄ and R₅ individually are H or C₁-C₆

- 5 alkyl, or R₁ and R₂ together form a C₅-C₇ cycloalkyl fused with the thiophene ring for use in the prevention or treatment of an hair growth disorder.

7. An iminooxothiazolidine compound of formula (I) for use according to claim 5 wherein

R₁ is H or C₁-C₃ alkyl, preferably methyl;

- 10 R₂ is H, alogen preferably Br or C₁-C₃ alkyl preferably CH₃ and

R₃ is COO(C₁-C₃) alkyl preferably a methyl or ethyl ester.

8. An iminooxothiazolidine compound of formula (I) for use according to claim 1 or 2 wherein the compounds are 2-(2-(2-Imino-4-oxo-thiazolidin-5-yl)-acetylamino)-4,5-dimethyl-thiophene-3-carboxylic acid methyl ester or 2-(2-(2-

- 15 Imino-4-oxo-thiazolidin-5-yl)-acetylamino)-4,5-dimethyl-thiophene-3-carboxylic acid ethyl ester.

9. A pharmaceutical composition comprising an iminooxothiazolidine compound of formula (I) for use according to anyone of claims 6-8 and a pharmaceutically acceptable carrier.

- 20 10. A pharmaceutical composition for use according to claim 9 wherein the composition is for local/topical application or for systemic administration.