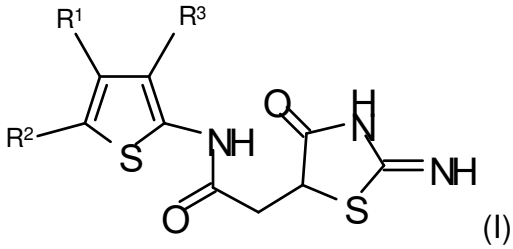
CLAIMS

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



(I)

wherein

R_1 is H, C_1-C_6 alkyl, cycloalkyl, phenyl, $–CH_2$-NH-phenyl;

R_2 is H, C_1-C_6 alkyl, halogen, phenyl;

R_3 is $COO(C_1$-$C_6)$ alkyl, $CONR_4R_5$ wherein R_4 and R_5 individually are H or C_1-C_6 alkyl, or R_1 and R_2 together form a C_5-C_7 cycloalkyl fused with the thiophene ring for promoting hair growth and/or preventing and/or reducing hair loss.

2. Use according to claim 1 wherein

R_1 is H or C_1-C_3 alkyl, preferably methyl,

R_2 is H, halogen preferably Br or C_1-C_3 alkyl, preferably CH_3 and

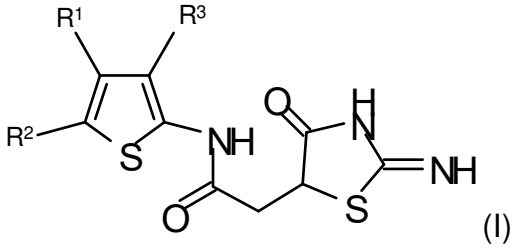
R_3 is $COO(C_1$-$C_3)$ alkyl, preferably a methyl or ethyl ester.

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 any one 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. Use of an iminooxothiazolidine compound of formula (I)



(I)

wherein

R_1 is H, C_1-C_6 alkyl, cycloalkyl, phenyl, $–CH_2$-NH-phenyl;

R_2 is H, C_1-C_6 alkyl, halogen, phenyl;

R_3 is $COO(C_1$-$C_6)$ alkyl, $CONR_4R_5$ wherein R_4 and R_5 individually are H or C_1-C_6 alkyl, or R_1 and R_2 together form a C_5-C_7 cycloalkyl fused with the thiophene ring in the manufacture of a medicament for the prevention or treatment of a hair growth disorder.

7. The use according to claim 6 wherein

R_1 is H or C_1-C_3 alkyl, preferably methyl;

R_2 is H, halogen preferably Br or C_1-C_3 alkyl preferably CH_3 and

R_3 is $COO(C_1$-$C_3)$ alkyl preferably a methyl or ethyl ester.

8. The use according to claim 6 or 7 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.

9. The use according to any one of claims 6-8, wherein the medicament comprises a pharmaceutically acceptable carrier.

10. The use according to claim 9, wherein the medicament is for local/topical application or for systemic administration.