**Description**

**A COMPOSITION FOR THE TREATMENT OF NECROSIS**

**Technical Field**

The invention relates to a composition formed for the treatment of necrosis.

**State of the Art**

Necrosis (also known as tissue death) is the pathological death resulting from irreversible damage to one or more cell, tissue or organ. For example, the part of the body that is exposed to excessive heat in case of a burn may undergo necrosis and turn into dead tissue. Other causes may be injury, infection, cancer, infarction, poisoning and inflammation.

According to the state of the art, the invention no. WO 1997/044337 with classification “C07D 307/79” entitled “Benzofuran carboxamides and their therapeutic use” is based on the discovery of novel compounds that can be used to treat disease states, for example disease states associated with proteins that mediate cellular activity, for example by inhibiting tumor necrosis factor and/or by inhibiting phosphodiesterase IV.  This invention relates to novel benzofuran carboxamides and thioamides, and to their formulation and use as pharmaceuticals.

Further, the invention no. WO 2000/071114 entitled “Salts of cis-[4-cyano-4-(3-cyclopentyloxy-4-methoxyphenyl)cyclohexan-1-carboxylate] relates to 4,4-disubstituted phenyl cyclohexanoic acid salts that are useful in the treatment of allergic and inflammatory diseases and in the inhibition of Tumor Necrosis Factor (TNF) production.

Further, the invention no. EP1622610B1 entitled “1-(2H-pyrazol-3-yl)-3-{4-[1-(benzoyl)-piperidin- 4-ylmethyl]-phenyl}-urea derivatives and related compounds as inhibitors of p38 kinase and/or tnf inhibitors for the treatment of inflammations” provides compounds of Formula (I) wherein ( ) is an optional ethylene bridge; R1 is alkyl, cycloalkyl, aryl or aryl substituted with one or more substituents selected from alkyl, alkoxy and amino, or R1 is pyridyl or pyridyl substituted with one or more substituents selected from alkyl, alkoxy and amino; R2 is optionally substituted alkyl, alkoxyalkyl, optionally substituted cycloalkylalkyl, arylalkyl, or R2 is arylalkyl substituted with one or more substituents selected from alkyl, alkoxy; X is -C(O)-, -C(O)-CH2-, -S(O)2-, or NH-C(O)- ; and A is optionally substituted alkyl or other substituents as defined in claim 1. Pharmaceutical compositions comprising such compounds, their preparation, and their pharmaceutical use in the treatment of disease states capable of being modulated by the inhibition of p38 kinase and/or tumor necrosis factor (TNF), such as asthma or joint inflammation.

As a result, the presence of the need for a composition for treating necrosis and the inadequacy of the existing solutions have made it necessary to perform an improvement in the relevant art.

**Object of the Invention**

In order to eliminate the disadvantages of the state of the art, an object of the invention is to increase the igf-1 expression.

Another object of the invention is to trigger the natural testosterone production.

Another object of the invention is to trigger the insulin release and insulin sensitivity.

In order to achieve the aforesaid advantages, the invention is a composition for the treatment of necrosis, said composition being obtained by the components selected from the group comprising 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one that are used individually or in combinations.

The structural and characteristic features and all the advantages of the invention will become more clearly understood from the detailed description provided below and therefore, the evaluation must be made taking this detailed description into consideration.

**Detailed Description of the Invention**

The invention is a composition formed for the treatment of necrosis. Said composition increases the igf-1 expression, triggers the natural testosterone production and triggers the insulin release and insulin sensitivity.

The composition according to the invention contains 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one.

Said composition is obtained by a mixture of the aforesaid components according to the following ratios by weight:

12-33% 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one,

28-37% desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one,

60-30% 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one.

The composition is obtained from the aforesaid components selected from the aforesaid group and used according to the mentioned weight ratio ranges individually or in combinations.

Said invention also encompasses the use of said composition for treating necrosis and the manufacture thereof for this purpose.

**CLAIMS**

1. A composition for the treatment of necrosis, said composition being obtained by the components selected from the group comprising 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one that are used individually or in combinations.
2. A composition according to Claim 1 characterized in that it comprises 12-33% by weight 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one.
3. A composition according to Claim 1 characterized in that it comprises 28-37% by weight desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one.
4. A composition according to Claim 1 characterized in that it comprises 60-30% by weight 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one.
5. Use of the components according to Claims 1 to 4 obtained individually or in combinations from the group consisting of 2,6-octadienyl]-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, desmethyl-2,4-trimethoxycafeoil]-6-(7-dihydroxyphenyl)-3-propen-4-one, 3,7-bis((3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one **for the manufacture of a composition for treating necrosis.**

**ABSTRACT**

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The invention relates to a composition formed for the treatment of necrosis.

No figure.