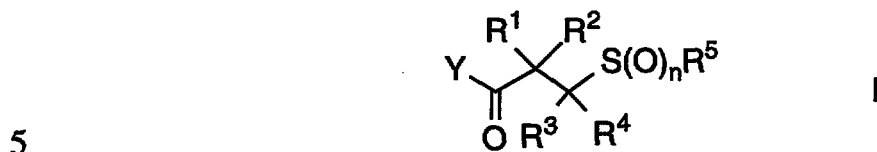


Abstract

Compounds of the formula:



wherein:

- n is 0, 1 or 2;
- Y is hydroxy or XONH-, where X is hydrogen or lower alkyl;
- 10 R¹ is hydrogen or lower alkyl;
- R² is hydrogen, lower alkyl, heteroalkyl, aryl, aralkyl, arylheteroalkyl, cycloalkyl, cycloalkylalkyl, heteroaryl, heteroaralkyl, heteroarylheteroalkyl, heterocyclo, heterocylo-lower alkyl, heterocyclo-lower heteroalkyl or
- 15 -NR⁶R⁷, wherein:
- R⁶ is hydrogen, lower alkyl, cycloalkyl or cycloalkylalkyl, aryl, heteroaryl and heteroaralkyl;
- R⁷ is hydrogen, lower alkyl, cycloalkyl or cycloalkylalkyl, aryl, aralkyl, heteroaryl,
- 20 heteroaralkyl, -C(O)R⁸, -C(O)NR⁸R⁹, -SO₂NR⁸R⁹, -SO₂R¹⁰, aryloxy carbonyl, or alkoxycarbonyl; or
- R⁶ and R⁷ together with the nitrogen atom to which they are attached represent a heterocyclo group; wherein
- 25 R⁸ and R⁹ are independently hydrogen, lower alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl or heteroalkyl; and
- R¹⁰ is lower alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl,
- 30 heteroalkyl or heterocyclo; or
- R¹ and R² together with the carbon atom to which they are attached represent a cycloalkyl or heterocyclo group;
- R³ is hydrogen, lower alkyl, cycloalkyl, cycloalkylalkyl, aryl,



aralkyl, heteroaryl, heteroaralkyl, heteroalkyl or lower alkoxy;

R⁴ is hydrogen, lower alkyl, cycloalkyl or cycloalkylalkyl; or

R² and R³ together with the carbons to which they are attached

5 represent a cycloalkyl or heterocyclo group; or

R³ and R⁴ together with the carbon to which they are attached

represent a cycloalkyl or heterocyclo group; and

R⁵ is lower alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl;

10 or pharmaceutically acceptable salts or esters thereof exhibit useful pharmacological properties, in particular for use as matrix metalloprotease inhibitors, particularly for interstitial collagenases.

This Sheet Has Been Replaced

