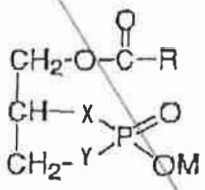
CLAIMS

[Claim 1] A therapeutic agent for arthrosis which comprises, as an active ingredient, a compound represented by formula (I):



(I)

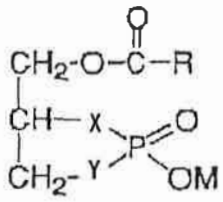
wherein R represents a linear or branched alkyl group having 1 to 30 carbon atoms, a linear or branched alkenyl group having 2 to 30 carbon atoms, or a linear or branched alkynyl group having 2 to 30 carbon atoms, which may contain a cycloalkane or aromatic ring; X and Y each independently represent an oxygen atom or a methylene group, provide that X and Y do not simultaneously represent a methylene group; and M represents a hydrogen atom or an alkali metal atom.

[Claim 2] The therapeutic agent for arthrosis according to claim 1, wherein, in Formula (I), X and Y represent an oxygen atom.

[Claim 3] The therapeutic agent for arthrosis according to claim 1 or 2, wherein, in Formula (I), either X or Y represents an oxygen atom and the other represents a methylene group.

[Claim 4] The therapeutic agent for arthrosis according to any one of claims 1 to 3, wherein the compound represented by Formula (I) is carbacyclic phosphatidic acid of 1-oleoyl-cyclic phosphatidic acid, 1-palmitoleoyl-cyclic phosphatidic acid, or a derivative thereof.

[Claim 5] A method for treatment of arthrosis comprising administering a compound represented by Formula (I) to a patient with arthrosis:

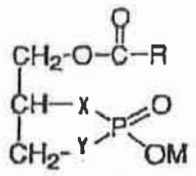


(I)

wherein R represents a linear or branched alkyl group having 1 to 30 carbon atoms, a linear or branched alkenyl group having 2 to 30 carbon atoms, or a linear or branched alkynyl group having 2 to 30 carbon atoms, which may contain a cycloalkane or aromatic ring; X and Y each independently represent an oxygen atom or a methylene group, provided that X and Y do not simultaneously represent a methylene group; and M represents a hydrogen atom or an alkali metal atom.

CLAIMS:

[Claim 1]
A therapeutic agent for arthrosis which comprises, as an active ingredient, a compound represented by formula (I):
[Formula 1]



(I)

wherein R represents a linear or branched alkyl group having 1 to 30 carbon atoms, a linear or branched alkenyl group having 2 to 30 carbon atoms, or a linear or branched alkynyl group having 2 to 30 carbon atoms, which may contain a cycloalkane or aromatic ring; X and Y each independently represent an oxygen atom or a methylene group, provide that X and Y do not simultaneously represent a methylene group; and M represents a hydrogen atom or an alkali metal atom.

[Claim 2]
The therapeutic agent for arthrosis according to claim 1, wherein, in Formula (I), X and Y represent an oxygen atom.

[Claim 3]
The therapeutic agent for arthrosis according to claim 1 or 2, wherein, in Formula (I), either X or Y represents an oxygen atom and the other represents a methylene group.

[Claim 4]
The therapeutic agent for arthrosis according to any one of claims 1 to 3, wherein the compound represented by Formula (I) is carbacyclic phosphatidic acid of 1-oleoyl-cyclic phosphatidic acid, 1-palmitoleoyl-cyclic phosphatidic acid, or a derivative thereof.