generation of wrinkles in complicated manners as described above, various ingredients have been proposed for a wrinkle improving agent. For example, it is known that retinol and its metabolite retinoic acid, an amino acid, such as alanine and glycine, a macromolecule, such as collagen and hyaluronic acid, ascorbic acid, tocopherol, and the like have a wrinkle improving effect. Further, it has been reported that a tranexamic acid amide derivative can also promote production of vascular endothelial growth factor C, and can become an active ingredient of a wrinkle improving agent (Patent Literature 1).

However, the wrinkle improvement effect of the conventional wrinkle improving agent was not fully satisfactory, or brought about in some cases undesirable other effects (side reactions) at a concentration effective in exerting the wrinkle improving effect. Therefore, there is a demand for a new ingredient that exerts a wrinkle improvement effect.

[0005]

In this regard, it has been confirmed that the glycerol derivative described in Patent Literature 2 has antibacterial action equal to or higher than that of paraben, and high safety, and application to cosmetics and detergents has been proposed.

[Citation List]

[Patent Literature]

[0006]

[Patent Literature 1] International Publication No. WO 2009/093534

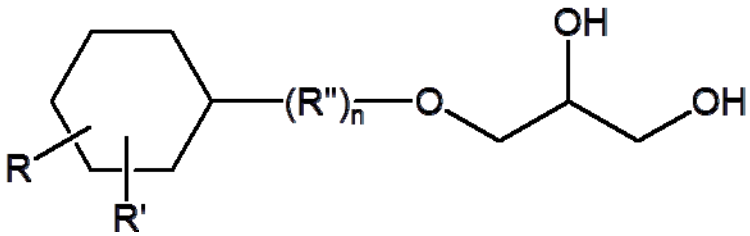
[Patent Literature 2] Japanese Unexamined Patent Application Publication No. 2007-291049

[Summary]

[0006a]

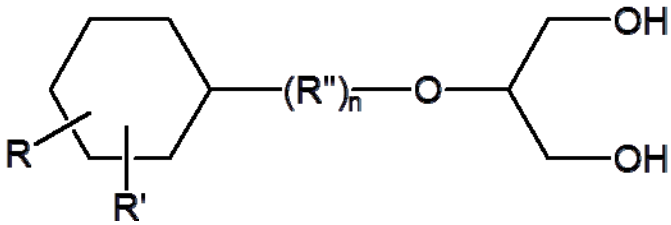
In one aspect of the present disclosure, there is provided a wrinkle improving agent comprising a compound expressed by the following Formulas (1) and/or (2).

[Chem. 1]




(1)

[Chem. 2]




(2)

(In Formulas (1) and (2), R and R' independently represent a hydrogen atom or an alkyl group having 1 to 4 carbon atoms, R" represents an alkylene group having 1 to 3 carbon atoms, and n represents a number of 0 or 1.)

[0006a]

In another aspect of the present disclosure, there is provided an external composition for skin for wrinkle improvement containing the wrinkle improving agent disclosed herein.[Technical Problem]

[0007]

An object of the present invention is to provide a wrinkle improving agent having an excellent wrinkle improving effect.

[Solution to Problem]

[0008]

The present inventors conducted intensive studies in search of a compound having a wrinkle improving effect to find that a glycerol derivative having a specific