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United States Patent [19]

Ptchelintsev

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[54] **ASCORBYL-PHOSPHORYL-CHOLESTEROL**

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[*] Notice: This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

[63] Continuation-in-part of application No. 08/440,765, May 15, 1995, abandoned.

[51] **Int. Cl.**[6] **A61K 7/00**; A61K 7/06

[52] **U.S. Cl.** **424/401**; 424/59; 424/60; 424/70.1; 424/70.2; 424/641; 424/642; 424/617; 424/703; 514/169; 514/171; 514/474; 514/844; 514/880

[58] **Field of Search** 424/401, 59, 60, 424/70.1, 70.2, 641, 642, 617, 703; 514/474, 169, 171, 880, 844

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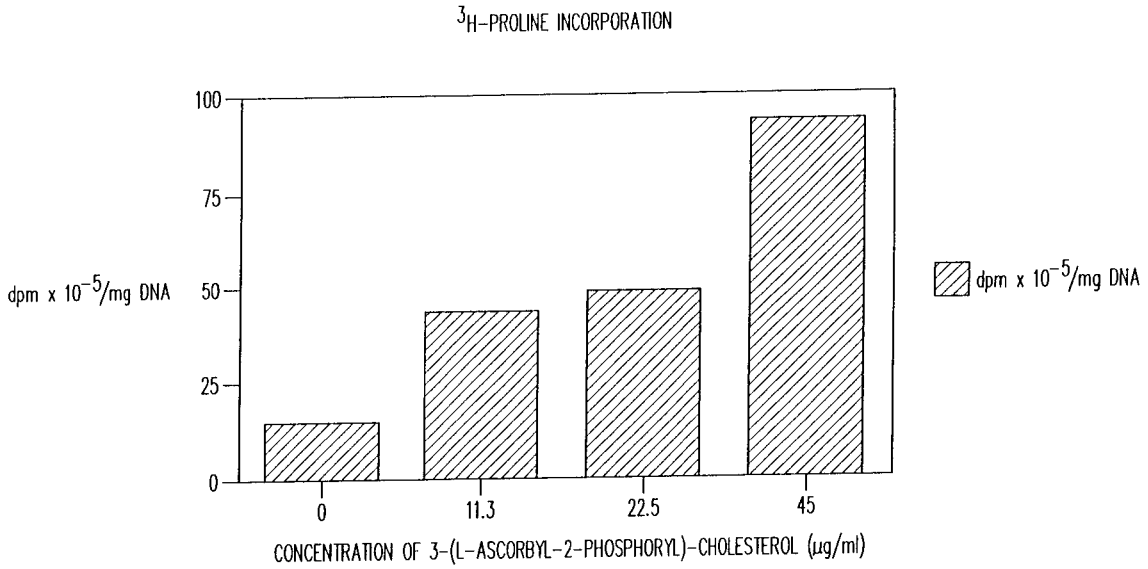
[57] **ABSTRACT**

This disclosure relates to a derivative of L-ascorbic acid which is stable, easily incorporated into cosmetically acceptable vehicles and enzymatically bioreversible in the skin to free ascorbic acid and a safe alkanol component. The L-ascorbic acid derivative includes cholesterol. The L-ascorbic acid derivative is a compound selected from the group consisting of 3'-(L-ascorbyl-2-o-phosphoryl)-cholesterol, isomers thereof and salts thereof.

39 Claims, 1 Drawing Sheet