United States Patent [19]

Fahim

[11] **Patent Number: 4,711,780**

[45] **Date of Patent: Dec. 8, 1987**

[54] **COMPOSITION AND PROCESS FOR PROMOTING EPITHELIAL REGENERATION**

[76] Inventor: **Mostafa S. Fahim,** 500 Hulen Dr., Columbia, Mo. 65201

[21] Appl. No.: **862,051**

[22] Filed: **May 12, 1986**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 619,004, Jun. 11, 1984, abandoned, which is a continuation-in-part of Ser. No. 341,544, Jan. 21, 1982, abandoned.

[51] **Int. Cl.**[4] **A61K 33/30;** A61K 31/195

[52] **U.S. Cl.** **424/145;** 514/562

[58] **Field of Search** 424/145; 514/562

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,049,798 9/1977 Bottomly 424/195

4,229,430 10/1980 Fahim et al. 424/49

4,414,202 11/1983 Silvetti 424/147

4,456,596 6/1984 Schäfer 424/180

OTHER PUBLICATIONS

Handbook of Nonprescription Drugs, 5th Ed., pp. 213 & 354, (1977).

Chemical Abstracts 91:216677c, (Ito et al), 1979.

Primary Examiner—Leonard Schenkman

Attorney, Agent, or Firm—Grace J. Fishel

[57] **ABSTRACT**

A medication for treating the surface epithelium is disclosed comprising vitamin C, a zinc salt and a sulfur amino acid. In some cases, the medication may additionally contain a mucopolysaccharide and/or a polysaccharide. A method of stimulating cell proliferation and new cell formation with said medication is also disclosed.

16 Claims, 2 Drawing Figures