



US005516799A

United States Patent [19]

[11] **Patent Number:** **5,516,799**

Alliger

[45] **Date of Patent:** * **May 14, 1996**

[54] **METHOD OF TREATING SMALL MOUTH ULCERS**

5,389,679 2/1995 Alliger 514/557

FOREIGN PATENT DOCUMENTS

[76] **Inventor:** **Howard M. Alliger**, 10 Ponderosa Dr., Melville, N.Y. 11747

2134781 8/1984 United Kingdom A61L 15/03

OTHER PUBLICATIONS

[*] **Notice:** The portion of the term of this patent subsequent to Feb. 14, 2012, has been disclaimed.

Dorland's Illustrated Medical Dictionary, 28th edition, W. B. Saunders Co., p. 1582, 1994.

De Andrade et al. "Leakage of the Duodenal Stump: Four Cases Treated with Lactic Acid Irrigation" Rev. Bras. Cir vol. 67 No. 3-4, 1977.

Merck Manual, p. 1416, vol. 1, 1986.

Chem. Abstracts, v.102, No. 2:12370h, Whitefield; 1985.

[21] **Appl. No.:** **277,349**

[22] **Filed:** **Jul. 19, 1994**

Related U.S. Application Data

Primary Examiner—José G. Dees

Assistant Examiner—Rosalynd A. Williams

Attorney, Agent, or Firm—Henry D. Coleman; R. Neil Sudol

[63] Continuation-in-part of Ser. No. 823,243, Jan. 21, 1992, abandoned.

[51] **Int. Cl.⁶** **A61K 31/19**

[52] **U.S. Cl.** **514/557; 514/738; 514/925; 514/928**

[58] **Field of Search** **514/784, 928, 514/557, 738, 925**

[57] ABSTRACT

The present invention relates to the surprising and unexpected discovery that a simple alpha hydroxy organic acid, for example, lactic acid, glycolic acid or any of their pharmaceutically compatible salts, may be used in a therapy for treating aphthous ulcers, including canker sores in humans. The therapeutic method according to the present invention comprises exposing tissue suffering from an outbreak of aphthous ulcers to an effective amount of an alpha hydroxy organic acid.

[56] References Cited

U.S. PATENT DOCUMENTS

4,117,120	9/1978	Elderbaum	424/195
4,221,794	9/1980	Simon et al.	424/253
4,363,815	12/1982	Yu et al.	424/274
4,956,184	9/1990	Kross	424/661

15 Claims, No Drawings