

[54] WOUND HEALING GLYCOSIDE COMPOSITIONS

[76] Inventor: Rolf Schäfer, Gravenmattstrasse 37, 4133 Pratteln BL, Switzerland

[21] Appl. No.: 253,872

[22] Filed: Apr. 13, 1981

[51] Int. Cl.³ A61K 31/705; C07J 17/00

[52] U.S. Cl. 424/180; 424/177; 424/182; 536/5

[58] Field of Search 536/5, 17.9, 53, 123; 424/182, 180

[56] References Cited

U.S. PATENT DOCUMENTS

3,579,499 5/1971 Clarkson 536/5

4,296,233 10/1981 Enomoto et al. 536/5

Primary Examiner—Johnnie R. Brown

[57]

ABSTRACT

Compositions which stimulate tissue regeneration and whose active components are substances present in mammalian tissues and fluids are described. The active substances are a polypeptide consisting of 52 amino acids and having a molecular weight of about 5800, a glycoesteroid and a glycosphingolipid. Compositions which contain the active ingredients accelerate wound healing when applied in the nano- to microgram ranges. Means for recovering the substances from mammalian materials in concentrated form by biochemical parting methods are also described.

16 Claims, No Drawings